		TX-NR51		TX-NR61		TX-NR71			
		00	DRX-2.4	00	DRX-3.4	00	TX-RZ50	DRX-5.4	
Code	Means								
PWR" - Syste	m Power Command	Yes							
"01"	sets System Standby sets System On	Yes							
"ALL"	All Zone(including Main Zone) Standby	Yes							
"QSTN"	gets the System Power Status	Yes							
	Muting Command	V	V	V	V	V	V	V	
"00" "01"	sets Audio Muting Off sets Audio Muting On	Yes Yes							
"TG"	sets Audio Muting Wrap-Around	Yes							
"QSTN"	gets the Audio Muting State	Yes							
CMT" - Audio	Muting by Channel Command								_
	sets Audio Muting by Channel xx=00 Muting Off								
	xx=01 Muting On								
	xx=TG Muting Wrap-Around								
	for not exist channel is always 00.								
	aa:Front Left								
	bb:Front Right								
rddeeffaabbiiiibb	cc:Center dd:Surround Left	No							
JaacenyynniijjKK	ee:Surround Right	140	140	140	140	140	140	140	
	ff:Surround Back Left								
	gg:Surround Back Right hh:Subwoofer 1								
	ii:Height 1 Left								
	jj:Height 1 Right								
	kk:Height 2 Left								
	II:Height2 Right mm:Subwoofer 2								
"QSTN"	gets the Audio Muting State	No							
	Speaker A/B Command								
"00" "01"	sets Speaker Off	No No							
"UP"	sets Speaker On sets Speaker Switch Wrap-Around	No							
"QSTN"	gets the Speaker State	No							
1:SPA=MAIN A/	SPB=MAIN B		•	•	•				•
	SPB=Front B(Exclusive use)								
"SB"	er Layout Command sets SurrBack Speaker	No							
"FH"	sets Front High Speaker / SurrBack+Front High Speake	No							
"FW"	sets Front Wide Speaker / SurrBack+Front Wide Speak	No							
"HW"	sets Front High+Front Wide Speak	No							
"H1" "H2"	sets Height1 Speakers	No No							
"BH"	sets Height2 Speakers sets Back+Height1 Speakers	No							
"BW"	sets Back+Wide Speakers	No							
"HH"	sets Height1+Height2 Speakers	No							
"A" "B"	sets Speakers A sets Speakers B	No No							
в "АВ"	sets Speakers A+B	No							
"UP"	sets Speaker Switch Wrap-Around	No							
"QSTN"	gets the Speaker State	No							
	r Volume Command	V	V		V			V	
"00"-"C8" "00"-"64"	Volume Level 0.0 – 100.0 (0.5 Step In hexadecimal representation)	Yes No							
"00"-"50"	Volume Level 0 – 80 (In hexadecimal representation)	No							
"00"-"32"	Volume Level 0 – 50 (In hexadecimal representation)	No							
"UP"	sets Volume Level Up	Yes							
"DOWN" "UP1"	sets Volume Level Down sets Volume Level Up 1dB Step	Yes Yes	-						
"DOWN1"	sets Volume Level Op 1dB Step	Yes							
"QSTN"	gets the Volume Level	Yes							
	Front) Command								
"Bxx"	Front Bass (xx is "-A""00""+A"[-100+10 2 step]	No Yes							
"Bxx" "Txx"	Front Bass (xx is "-A""00""+A"[-100+10 1 step] Front Treble (xx is "-A""00""+A"[-100+10 2 step]	No	No No	No No	No No	No No	No No	No	
"Txx"	Front Treble (xx is "-A""00""+A"[-100+10 1 step]	Yes	L						
"BUP"	sets Front Bass up(2 step)	No							
"BUP"	sets Front Bass up(1 step)	Yes	_						
"BDOWN" "BDOWN"	sets Front Bass down(2 step) sets Front Bass down(1 step)	No Yes	-						
"TUP"	sets Front Treble up(2 step)	No							
"TUP"	sets Front Treble up(1 step)	Yes							
"TDOWN"	sets Front Treble down(2 step)	No							
"TDOWN"	sets Front Treble down(1 step)	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes	Yes Yes	Yes Yes	_
"QSTN"	gets Front Tone ("BxxTxx") Front Wide) Command	res	res	res	res	Yes	res	res	
"Bxx"	Front Wide Bass (xx is "-A""00""+A"[-100+10 2	No							
	Front Wide Treble (xx is "-A""00""+A"[-100+10 2	No							
"Txx"	1 TOTAL WINCE TREDIC (XX 13 -X 00 1X -100 1 TO 2								

	d Command Support List	2020							
		TV NDE1		TV ND61		TV ND71			
		TX-NR51 00	DRX-2.4	TX-NR61 00	DRX-3.4	TX-NR71 00	TX-RZ50	DRX-5.4	
Code	Means								
"BDOWN"	sets Front Wide Bass down(2 step)	No	No	No	No	No	No	No	
"TUP"	sets Front Wide Treble up(2 step)	No	No	No	No	No	No	No	
"TDOWN"	sets Front Wide Treble down(2 step)	No No	No No	No No	No No	No No	No No	No No	
"QSTN" TFH" - Tone(F	gets Front Wide Tone ("BxxTxx") Front High) Command	INU	INO	INO	INO	INO	INO	INO	
"Bxx"	Front High Bass (xx is "-A""00""+A"[-100+10 2 s	No	No	No	No	No	No	No	
"Txx"	Front High Treble (xx is "-A""00""+A"[-100+10 2	No	No	No	No	No	No	No	
"BUP"	sets Front High Bass up(2 step)	No	No	No	No	No	No	No	
"BDOWN"	sets Front High Bass down(2 step)	No No	No	No No	No No	No No	No No	No No	
"TUP" "TDOWN"	sets Front High Treble up(2 step) sets Front High Treble down(2 step)	No	No No	No	No	No	No	No	
"QSTN"	gets Front High Tone ("BxxTxx")	No	No	No	No	No	No	No	
	Center) Command			Į	Į	Į	Į	Į	
"Bxx"	Center Bass (xx is "-A""00""+A"[-100+10 2 step	No	No	No	No	No	No	No	
"Txx"	Center Treble (xx is "-A""00""+A"[-100+10 2 ste	No	No	No	No	No	No	No	
"BUP"	sets Center Bass up(2 step)	No No	No No	No No	No No	No No	No No	No No	<u> </u>
"BDOWN" "TUP"	sets Center Bass down(2 step) sets Center Treble up(2 step)	No	No No	No No	No No	No No	No No	No No	_
"TDOWN"	sets Center Treble down(2 step)	No	No	No	No	No	No	No	
"QSTN"	gets Center Tone ("BxxTxx")	No	No	No	No	No	No	No	
	Surround) Command								
"Bxx"	Surround Bass (xx is "-A""00""+A"[-100+10 2 st	No	No	No	No	No	No	No	
"Txx"	Surround Treble (xx is "-A""00""+A"[-100+10 2 s	No	No	No	No	No	No	No	<u> </u>
"BUP" "BDOWN"	sets Surround Bass up(2 step) sets Surround Bass down(2 step)	No No	No No	No No	No No	No No	No No	No No	
"TUP"	sets Surround Treble up(2 step)	No	No	No	No	No	No	No	
"TDOWN"	sets Surround Treble down(2 step)	No	No	No	No	No	No	No	
"QSTN"	gets Surround Tone ("BxxTxx")	No	No	No	No	No	No	No	
	Surround Back) Command								
"Bxx"	Surround Back Bass (xx is "-A""00""+A"[-100+1	No No	No	No No	No No	No	No No	No No	
"Txx" "BUP"	Surround Back Treble (xx is "-A""00""+A"[-100+ sets Surround Back Bass up(2 step)	No	No No	No	No	No No	No	No	
"BDOWN"	sets Surround Back Bass down(2 step)	No	No	No	No	No	No	No	
"TUP"	sets Surround Back Treble up(2 step)	No	No	No	No	No	No	No	
"TDOWN"	sets Surround Back Treble down(2 step)	No	No	No	No	No	No	No	
"QSTN"	gets Surround Back Tone ("BxxTxx")	No	No	No	No	No	No	No	
"Bxx"	Subwoofer) Command Subwoofer Bass (xx is "-A""00""+A"[-100+10 2	No	No	No	No	No	No	No	_
"BUP"	sets Subwoofer Bass up(2 step)	No	No	No	No	No	No	No	
"BDOWN"	sets Subwoofer Bass down(2 step)	No	No	No	No	No	No	No	
"QSTN"	gets Subwoofer Tone ("BxxTxx")	No	No	No	No	No	No	No	
DMD" Dhaa	Matahina Dana Cammand								
	e Matching Bass Command	No	No	No	No	No	No	No	_
"00"	sets Off	No No	No No	No No	No No	No No	No No	No No	
	sets Off sets On	No No	No No No	No No No	No No No	No No No	No No No	No No No	
"00" "01" "TG" "QSTN"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass	No	No	No	No	No	No	No	
"00" "01" "TG" "QSTN" SLP" - Sleep	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command	No No	No No	No No	No No	No No	No No	No No	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa	No No No Yes	No No No Yes	No No No Yes	No No No Yes	No No No Yes	No No No Yes	No No No Yes	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off	No No No Yes Yes	No No No Yes Yes	No No No Yes Yes	No No No Yes Yes	No No No Yes Yes	No No No Yes Yes	No No No Yes Yes	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF" "UP"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off sets Sleep Time Wrap-Around UP(Only when the value	No No No Yes	No No No Yes	No No No Yes	No No No Yes	No No No Yes	No No No Yes	No No No Yes	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF" "UP" "QSTN"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off	No No No Yes Yes	No No No Yes Yes	No No No Yes Yes Yes	No No No Yes Yes Yes	No No No Yes Yes Yes	No No No Yes Yes Yes	No No No Yes Yes Yes	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF" "UP" "QSTN" SLC" - Speak "TEST"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key	No No No Yes Yes	No No No Yes Yes	No No No Yes Yes Yes Yes	No No No Yes Yes Yes Yes	No No No Yes Yes Yes	No No No Yes Yes Yes Yes Yes	No No No Yes Yes Yes	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-'5A' "OFF" "UP" "QSTN" SLC" - Speak "TEST" "OFF"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF	No No No Yes Yes Yes Yes Yes Yes	No No No Yes Yes Yes Yes Yes Yes	No No No Yes Yes Yes Yes Yes Yes	No No No Yes Yes Yes Yes Yes Yes	No No No Yes Yes Yes Yes Yes Yes	No No No Yes Yes Yes Yes Yes Yes	No No No Yes Yes Yes Yes Yes Yes	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF" "UP" "QSTN" SLC" - Speak "TEST" "OFF" "CHSEL"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key	No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes	No No No Yes	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes	No No No Yes	No No No Yes	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF" "UP" "QSTN" SLC" - Speak "TEST" "OFF" "CHSEL" "UP"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key	No No No Yes	No No No Yes	No No No No Yes	No No No Yes	No No No No Yes	No No No No Yes	No No No No Yes	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-'5A" "OFF" "USTN" SLC" - Speak "TEST" "OFF" "CHSEL" "UP" "DOWN"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL - KEY	No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes	No No No Yes	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes	No No No Yes	No No No Yes	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-'5A" "OFF" "UP" "QSTN" SLC" - Speak "TEST" "OFF" "CHSEL" "UP" "DOWN" SWL" - Subw	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key	No No No Yes	No No No Yes	No No No No Yes	No No No Yes	No No No No Yes	No No No No Yes	No No No No Yes	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF" "QSTN" SLC" - Speak "TEST" "OFF" "CHSEL" "UP" "DOWN" SWU" - Subw 1E"-"000"-"+18"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off sets Sleep Time Urap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL + KEY Oofer (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB	No No No No Yes	No No No No Yes	No No No No Yes	No No No No Yes	No No No No Yes	No No No No Yes	No No No No Yes	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-'5A" "OFF" "UP" "QSTN" SLC" - Speak "TEST" "OFF" "OFF" "UP" "DOWN" SWL" - Subw [E"-"000"-"+18" "F"-"000"-"+0"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL - KEY Oofer (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer Level -15dB - 0.0dB - +12.0dB	No No No No Yes	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF" "UP" "QSTN" SLC" - Speak "TEST" "OFF" "CHSEL" "UP" "DOWN" SWL" - Subw IE"-"000"-"+18" "F"-"00"-"+0C" "-F"-"0"-"+C"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL + KEY cofer (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer Level -15dB - 0.0dB - +12.0dB sets Subwoofer Level -15dB - 0.0dB - +12dB LEVEL + Key	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No Yes	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No Yes	No No No No Yes	No No No No Yes	No No No No Yes	No No No No Yes	No No No No Yes	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF" "UP" "QSTN" SLC" - Speak "TEST" "OFF" "CHSEL" "UP" "OWN" SWL" - Subw IE"-"000"-"+18" "F"-"000"-"+0" "UP" "DOWN"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time 0ff sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL - KEY oofer (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No	No No No No Yes	No No No No No Yes	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No	No No No No No Yes	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF" "QSTN" SLC" - Speak "TEST" "OFF" "OFF" "OHSEL" "UP" "DOWN" SWL" - Subw IE"-"000"-"+06" "F"-"00"-"+0" "UP" "DOWN" "SYL" - Subw "TSUBW - Subw "TSUBW - Subw "TSUBW - Subw "DF"-"00"-"+0" "DF"-"00"-"+0" "DF"-"00"-"+0" "DSTN"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off sets Sleep Time Urap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL + KEY Oofer (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes You Yes	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No Yes	No No No No Yes	No No No No No Yes	No No No No Yes	No No No No No Yes	No No No No No Yes	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF" "QSTN" SLC" - Speak "TEST" "OFF" "CHSEL" "UP" "DOWN" "SUOWN"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time 0ff sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL - KEY oofer (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB	No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes You Yes	No No No No Yes	No No No No No Yes	No No No No No Yes	No No No No No Yes	No No No No No Yes	No No No No No Yes	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF" "UP" "QSTN" SLC" - Speak "TEST" "OFF" "CHSEL" "UP" SWL" - Subw [E"-"000"-"+18" "UP" "DOWN" "SWL" - Subw [E"-"000"-"+0" "UP" "DOWN"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time 0ff sets Sleep Time Off sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL + Key LEVEL - KEY oofer (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dB sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB LEVEL + Key LEVEL - KEY gets the Subwoofer Level oofer 2 (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dB sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB	No No No No Yes	No No No No Yes	No No No No No No Yes	No No No No No No Yes	No No No No No No Yes	No No No No No No Yes	No No No No No No Yes	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF" "QSTN" SLC" - Speak "TEST" "OFF" "CHSEL" "UP" "DOWN" SWL" - Subw IE"-"000"-"+0C' "F"-"00"-"+C" "UPN" "SW2TN" "SW2TN"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off sets Sleep Time Off sets Sleep Time Off sets Sleep Time Off sets Sleep Time Mrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL + KEY oofer (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dB sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB LEVEL + Key LEVEL + Key LEVEL + Key LEVEL - KEY gets the Subwoofer Level oofer 2 (temporary) Level Command sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB	No No No No Yes	No No No No Yes	No No No No Yes	No No No No Yes	No No No No Yes	No No No No Yes	No No No No Yes	
"00" "01" "15" "IGSTN" SLP" - Sleep "01"-"5A" "OFF" "QSTN" SLC" - Speak "TEST" "OFF" "OFF" "CHSEL" "UP" "DOWN" SWL" - Subw 1E"-"000"-"+0C' "F"-"00"-"+18" SW2" - Subw 1E"-"000"-"+18" "GSTN"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off sets Sleep Time Urap-Around UP(Only when the value gets The Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL + Key LEVEL - KEY oofer (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer Level -15.dB - 0.dB - +12.dB LEVEL + Key LEVEL + Key LEVEL - KEY gets the Subwoofer Level oofer 2 (temporary) Level Command sets Subwoofer Level oofer 2 (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB - sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB - sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB - sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB - sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB - sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB	No No No No No Yes	No No No No No Yes	No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	No N	No N	No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-5A" "OFF" "QSTN" SLC" - Speak "TEST" "OFF" "CHSEL" "UP" "DOWN" SWL" - Subw 1E"-"000"-"+18" "UP" "DOWN" "QSTN" SWZ" - Subw 1E"-"000"-"+0C' "-F"-"00"-"+0C' "-F"-"00"-"+0C' "-F"-"00"-"+0C' "-F"-"00"-"+0C' "-F"-"00"-"+0C' "-F"-"00"-"+0C' "-F"-"00"-"+0C' "-F"-"00"-"+0C' "-F"-"00"-"+0C'	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time 0ff sets Sleep Time Off sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL + Key LEVEL - KEY oofer (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB LEVEL + Key LEVEL - KEY gets the Subwoofer Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB	No No No No No Yes	No No No No No No Yes	No N	No N	No N	No N	No N	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF" "UP" "QSTN" SLC" - Speak "TEST" "OFF" "CHSEL" "UP" "OWN" SWL" - Subw 1E"-"000"-"+18" "QSTN" SW2" - Subw 1E"-"000"-"+18" "QSTN" "QSTN" """ "UP" "DOWN" "QSTN"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time 0ff sets Sleep Time Off sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL + Key LEVEL - KEY oofer (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB	No No No No No Yes	No No No No No Yes	No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	No N	No N	No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	
"00" "01" "16" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF" "QSTN" SLC" - Speak "TEST" "OFF" "CHSEL" "UP" "DOWN" SWL" - Subw 1E"."000"."+0C' "F"."000"."+C" "QSTN" SW2" - Subw 1E"."000"."+0C' "F"."00"."+C" "UP" "DOWN" "QSTN" "QSTN" "QSTN" CTL" - Center	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time Off sets Sleep Time Off sets Sleep Time Off sets Sleep Time Off sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL + KEY Oofer (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB LEVEL + Key LEVEL + Key LEVEL - KEY gets the Subwoofer Level oofer 2 (temporary) Level Command sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer 2 Level -15.0dB	No No No No No Yes	No No No No No No Yes	No N	No N	No N	No N	No N	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-"5A" "OFF" "QSTN" SLC" - Speak "TEST" "OFF" "CHSEL" "UP" "DOWN" SWL" - Subw 1E"-"000"-"+18" "DOWN" SW2" - Subw 1E"-"000"-"+C" "LF"-"00"-"+C" "UP" "DOWN" "QSTN" "QSTN" "QSTN" "CTL" - Centel 18"-"000"-"+18"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time 0ff sets Sleep Time Off sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL + Key LEVEL - KEY oofer (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB(0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB	No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	No No No No Yes	No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	No No No No Yes	No No No No Yes	No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-*5A" "OFF" "UP" "QSTN" SLC" - Speak "TEST" "OFF" "CHSEL" "UP" "DOWN" SWL" - Subw 1E"-"000"-"+18" "GF""000"-"+0C' "F"-"00"-"+0C' "UP" "DOWN" "QSTN" SW2" - Subw 1E"-"000"-"+18" "UP" "DOWN" "QSTN" SW2" - Subw 1E"-"000"-"+18" "CF"-"000"-"+18" "GF"-"000"-"+18" "CF"-"000"-"+18" "CF"-"000"-"+18" "CF"-"000"-"+18" "CTL" - Centle! 18"-"000"-"+0C' "C"-"00"-"+C"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time 0ff sets Sleep Time Off CH SEL Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL + KEY LEVEL - KEY Ooffer (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB(0.5dB sets Subwoofer Level -15dB - 0.0dB - +12.0dB LEVEL + Key LEVEL - KEY gets the Subwoofer Level oofer 2 (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB	No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	No No No No No Yes	No No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	No No No No No No No No	No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	No No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	
"00" "01" "TG" "QSTN" SLP" - Sleep "01"-5A" "OFF" "QSTN" SLC" - Speak "TEST" "OFF" "CHSEL" "UP" "DOWN" SWL" - Subw 1E"-"000"-"+18" "QSTN" SW2" - Subw 1E"-"000"-"+0C' "-F"-"00"-"+0C' "-F"-"00"-"-10" "QSTN" SW2" - Subw 1E"-"000"-"+0C' "UP" "DOWN" "QSTN" "QSTN" SW2" - Subw 1E"-"000"-"+16" "UP" "DOWN" "QSTN" "GSTN" SW2" - Center "UP" "DOWN" "QSTN" "CTL" - Center 18"-"000"-"+16"	sets Off sets On sets Phase Matching Bass Wrap-Around Up gets Phase Matching Bass Set Command sets Sleep Time 1 - 90min (In hexadecimal representa sets Sleep Time 0ff sets Sleep Time Off sets Sleep Time Wrap-Around UP(Only when the value gets The Sleep Time er Level Calibration Command TEST Key sets TEST TONE OFF CH SEL Key LEVEL + Key LEVEL - KEY oofer (temporary) Level Command sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer Level -15.0dB - 0.0dB - +12.0dB LEVEL + Key LEVEL - KEY gets the Subwoofer Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB (0.5dE sets Subwoofer 2 Level -15.0dB - 0.0dB - +12.0dB (0.5dE Stets Subwoofer Level -12.0dB - 0.0dB - +12.0dB (0.5dE Stets Subwoofer Level -12.0dB - 0.0dB - +12.0dB (0.5dE Stets Subwoofer Level -12.0dB - 0.0dB - +12.0dB (0.5dE Stets Subwoofer Level -12.0dB - 0.0dB - +12.0dB (0.5dE Stets Subwoofer Level -12.0dB - 0.0dB - +12.0dB (0.5dE Stets Subwoofer Level -12.0dB - 0.0dB - +12.0dB (0.5dE Stets Subwoofer Level -12.0dB - 0.0dB - +12.0dB (0.5dE Stets Subwoofer Level -12.0dB - 0.0dB - +12.0dB (0.5dE Stets Subwoofer Level -12.0dB - 0.0dB - +12.0dB (0.5dE Stets Subwoofer Level -12.0dB - 0.0dB - +12.0dB (0.5dE Stets Subwoofer Level -12.0dB - 0.0dB - +12.0dB	No No No No No No Yes	No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No	No N	No No No No No No No No	No No No No No No No No	No No No No No No No No	No No No No No No No No	

		TX-NR51		TX-NR61		TX-NR71			
		00	DRX-2.4	00	DRX-3.4	00	TX-RZ50	DRX-5.4	
Code	Means								
	rary Channel Level Command		l .	l	l	l .	l	l .	
	sets Temporary Channel Level								
	Subwoofer1/2								
	xxx=-1E(-15.0dB)~000(0.0dB)~+18(+12.0dB) Other Ch								
	xxx=-18(-12.0dB)~000(0.0dB)~+18(+12.0dB)								
	for not exist channel is always 000.								
	aaa:Front Left bbb:Front Right								
ldooofffaaabbbiii	ccc:Center	No	No	No	No	No	No	No	
ldeeefffggghhhiii	ddd:Surround Left	NO	INO	INO	INO	140	140	140	
	eee:Surround Right								
	fff:Surround Back Left ggg:Surround Back Right								
	hhh:Subwoofer 1								
	iii:Height 1 Left								
	jjj:Height 1 Right								
	kkk:Height 2 Left III:Height2 Right								
	mmm:Subwoofer 2								L
"QSTN"	gets the Subwoofer Level	No	No	No	No	No	No	No	
	Dialog Command								_
"00"-"05" "UP"	sets Vocal/Dialog Level up (1 step)	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	_
"UP" "DOWN"	sets Vocal/Dialog Level up(1 step) sets Vocal/Dialog Level down(1 step)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN"	gets Vocal/Dialogs Level down(1 step)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	/ Information Command								
"00"	Display Program Format	No	No	No	No	No	No	No	
"01"	Display Digital Input Position	No	No	No	No	No	No	No	
"02"	Display Digital Format Position	No No	No No	No No	No No	No No	No No	No No	
"03" "04"	Display Bass Level Display Treble Level	No	No No	No	No No	No No	No	No	
	/ Mode Command								
"00"	sets Selector + Volume Display Mode@1line, Default@	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"01"	sets Selector + Listening Mode Display Mode@1line	No	No	No	No	No	No	No	
"02"	Display Digital Format(temporary display)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"03"	Display Video Format(temporary display)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"TG" "QSTN"	sets Display Mode Wrap-Around Up qets The Display Mode	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
1: Parameter Ch		103	103	103	103	103	103	103	
	er Level Command								
"00"	sets Dimmer Level "Bright"	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"00" "01"	sets Dimmer Level "Bright" sets Dimmer Level "Dim"	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"00" "01" "02"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark"	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
"00" "01" "02" "03"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off"	Yes Yes No	Yes Yes No	Yes Yes No	Yes Yes No	Yes Yes No	Yes Yes No	Yes Yes No	
"00" "01" "02" "03" "08"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF"	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level	Yes Yes No No	Yes Yes No No	Yes Yes No No	Yes Yes No No	Yes Yes No No	Yes Yes No No	Yes Yes No No	
"00" "01" "02" "03" "08" "DIM" "QSTN"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN" "OSD" - Setup	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key	Yes Yes No No Yes Yes Yes	Yes Yes No No Yes Yes Yes	Yes Yes No No Yes Yes Yes	Yes Yes No No Yes Yes Yes	Yes Yes No No Yes Yes Yes	Yes Yes No No Yes Yes Yes	Yes Yes No No Yes Yes Yes	
"00" "01" "02" "03" "08" "0IM" "QSTN" "OSD" - Setup "MENU" "UP"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key	Yes Yes No No Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN" "OSD" - Setup "MENU" "UP" "DOWN"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Up Key Down Key	Yes Yes No No Yes Yes Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes Yes Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN" OSD" - Setup "MENU" "UP" "DOWN"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key	Yes Yes No No Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes	Yes Yes No No Yes Yes Yes Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN" "OSD" - Setup "MENU" "UP" "DOWN"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Up Key Down Key	Yes Yes No No Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes Yes Yes Yes Yes Yes Yes Yes Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN" OSD" - Setup "MENU" "UP" "DOWN" "RIGHT" "LEFT" "ENTER"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Enter Key Exit Key	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN" OSD" - Setup "MENU" "UP" "DOWN" "RIGHT" "LEFT" "ENTER" "EXIT" "AUDIO"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Enter Key Exit Key Audio Adjust Key	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN" "OSD" - Setup "MENU" "UP" "DOWN" "RIGHT" "LEFT" "ENTER" "EXIT" "AUDIO" "VIDEO"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Left Key Enter Key Exit Key Audio Adjust Key Video Adjust Key	Yes Yes No No Yes Yes Yes Yes Yes Yes Yes Yes Yes You No No	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN" OSD" - Setup "MENU" "UP" "DOWN" "RIGHT" "LEFT" "ENTER" "EXIT" "AUDIO" "VIDEO" "HOME"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Enter Key Exit Key Audio Adjust Key Video Adjust Key Home Key Home Key	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No	
"00" "01" "02" "03" "08" "DIM" "QSTN" OSD" - Setup "MENU" "UP" "DOWN" "RIGHT" "LEFT" "ENTER" "EXIT" "AUDIO" "VIDEO"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Enter Key Exit Key Audio Adjust Key Video Adjust Key Under Key Quick Menu Key/AV Adjust Key	Yes Yes No No Yes Yes Yes Yes Yes Yes Yes Yes Yes You No No	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	
"00" "01" "02" "03" "08" "0M" "QSTN" "OSD" - Setup "UP" "DOWN" "LEFT" "ENTER" "EXIT" "AUDIO" "VIDEO" "HOME" "QUICK" "IPV"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Shut-Off" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Enter Key Exit Key Audio Adjust Key Home Key Quick Setup Key Quick Menu Key/AV Adjust Key Instaprevue Key	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	
"00" "01" "02" "03" "08" "08" "OIM" "QSTN" "OSD" - Setup "MENU" "UP" "DOWN" "ILEET" "ENTER" "EXIT" "AUDIO" "VIDEO" "HOME" "QUICK" "IPV"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Shut-Off" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Left Key Enter Key Exit Key Audio Adjust Key Video Adjust Key Home Key Quick Setup Key Quick Menu Key/AV Adjust Key Instaprevue Key	Yes Yes No No Yes	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN" OSD" - Setup "MENU" "UP" "DOWN" "RIGHT" "EFT" "ENTER" "EXIT" "AUDIO" "VIDEO" "HOME" "QUICK" "IPV"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Enter Key Exit Key Audio Adjust Key Video Adjust Key Home Key Quick Setup Key Quick Menu Key/AV Adjust Key Instaprevue Key Ory Setup Command stores memory	Yes Yes No No Yes	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes No Yes No No Yes No	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No Yes No Yes No Yes No No Yes No No Yes No No Yes	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No Yes No Yes No Yes No No Yes No No Yes No No Yes	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No Yes No Yes No Yes No No Yes No No Yes No No Yes No No Yes	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No Yes	Yes Yes No No Yes	
"00" "01" "02" "03" "08" "08" "DIM" "QSTN" OSD" - Setup "MENU" "UP" "DOWN" "ERIGHT" "LEFT" "ENTER" "EXIT" "AUDIO" "VIDEO" "HOME" "QUICK" "IPV" MEM" - Memo "STR" "RCL"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Enter Key Exit Key Audio Adjust Key Video Adjust Key Home Key Quick Setup Key Undeo Adjust Key Video Adjust Key Video Adjust Key Video Adjust Key Undeo Setup Key Undeo Setup Key Undeo Setup Key Undeo Adjust Key Undeo Adjust Key Undeo Adjust Key Undeo Adjust Key Uniter Setup Key Un	Yes Yes No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No Yes No Yes No Yes No No Yes No	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes No Yes No No Yes No No Yes No No Yes No No Yes	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes No Yes No No Yes No No Yes No No Yes No No Yes	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No Yes No Yes No Yes No Yes No Yes No Yes	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes No Yes No No Yes No No Yes No No Yes No No Yes	Yes Yes No No Yes	
"00" "01" "02" "03" "08" "08" "DIM" "QSTN" OSD" - Setup "MENU" "UP" "DOWN" "IEFT" "ENTER" "EXIT" "AUDIO" "YUDEO" "HOME" "QUICK" "IPV"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Left Key Enter Key Exit Key Audio Adjust Key Video Adjust Key Home Key Quick Setup Key Quick Setup Key Up Key Over Mey Right Key Left Key Exit Key Audio Adjust Key Video Adjust Key Home Key Outer Setup Key Out	Yes Yes No No Yes	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes No Yes No No Yes No	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No Yes No Yes No Yes No No Yes No No Yes No No Yes	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No Yes No Yes No Yes No No Yes No No Yes No No Yes	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No Yes No Yes No Yes No No Yes No No Yes No No Yes No No Yes	Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No Yes	Yes Yes No No Yes	
"00" "01" "02" "03" "08" "08" "OSD" - Setup "MENU" "UP" "DOWN" "RIGHT" "ENTER" "EXIT" "AUDIO" "VIDEO" "HOME" "QUICK" "IPV" "STR" "RCL" "LOCK" "UNLK"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Left Key Enter Key Exit Key Audio Adjust Key Video Adjust Key Home Key Quick Setup Key Quick Menu Key/AV Adjust Key Instaprevue Key Dry Setup Command Stores memory Incoks memory Unlocks	Yes Yes No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	
"00" "01" "02" "03" "08" "08" "OSD" - Setup "MENU" "UP" "DOWN" "RIGHT" "ENTER" "EXIT" "AUDIO" "VIDEO" "HOME" "QUICK" "IPV" "STR" "RCL" "LOCK" "UNLK"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Left Key Enter Key Exit Key Audio Adjust Key Video Adjust Key Home Key Quick Setup Key Quick Menu Key/AV Adjust Key Instaprevue Key Dry Setup Command Stores memory Incoks memory Unlocks	Yes Yes No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	Yes Yes No No Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN" "OSD" - Setup "MENU" "UP" "DOWN" "RIGHT" "LEFT" "ENTER" "AUDIO" "VIDEO" "HOME" "QUICK" "IPV" "MEM" - Memo "STR" "RCL" "LOCK" "UNLK" "RST" - Reset "ALL"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Enter Key Exit Key Audio Adjust Key Video Adjust Key Video Adjust Key Unick Setup Key Quick Setup Key Quick Menu Key/AV Adjust Key Instaprevue Key Ory Setup Command stores memory locks memory locks memory Command	Yes Yes No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN" "OSD" - Setup "MENU" "UP" "DOWN" "RIGHT" "LEFT" "ENTER" "AUDIO" "VIDEO" "HOME" "QUICK" "IPV" "MEM" - Memo "STR" "RCL" "LOCK" "UNLK" "RST" - Reset "ALL"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Left Key Enter Key Exit Key Audio Adjust Key Home Key Quick Setup Key Quick Menu Key/AV Adjust Key Instaprevue Key Dry Setup Command stores memory locks memory unlocks memory Command Reset All Information Command	Yes Yes No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN" "OSD" - Setup "MENU" "UP" "DOWN" "RIGHT" "LEFT" "ENTER" "AUDIO" "VIDEO" "HOME" "QUICK" "IPV" "MEM" - Memo "STR" "RCL" "LOCK" "UNLK" "RST" - Reset "ALL"	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Left Key Enter Key Exit Key Audio Adjust Key Video Adjust Key Video Adjust Key Unick Setup Key Quick Setup Key Quick Setup Key Instaprevue Key Ory Setup Command stores memory recalls memory unlocks memory Unlocks memory Command Reset All Information Command Information of Audio(Same Immediate Display ',' is separator of information)	Yes Yes No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN" "OSD" - Setup "MENU" "UP" "DOWN" "RIGHT" "LEFT" "ENTER" "AUDIO" "VIDEO" "HOME" "QUICK" "IPV" "MEM" - Memo "STR" "RCL" "LOCK" "UNLK" "RST" - Reset "ALL" "IFA" - Audio I	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Enter Key Enter Key Left Key Quick Adjust Key Video Adjust Key Video Adjust Key Home Key Quick Setup Key Quick Setup Key Up Key Oner Key Note Setup Key Video Adjust Key Video Adjust Key Video Adjust Key Home Key Quick Setup Key Oner Key Rouck Setup Key Oner Key Rouck Setup Key Oner	Yes Yes No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN" "OSD" - Setup "MENU" "UP" "DOWN" "LEFT" "ENTER" "EXIT" "AUDIO" "VIDEO" "HOME" "QUICK" "IPV" "STR" "CCL" "LOCK" "UNLK" "RESET" "RALL" "IFA" - Audio I	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Left Key Enter Key Exit Key Audio Adjust Key Video Adjust Key Home Key Quick Setup Key Quick Menu Key/AV Adjust Key Instaprevue Key Ory Setup Command stores memory locks memory unlocks memory Command Reset All Information Command Information Command Information Command Information Input Port bb: Input Signal Format	Yes Yes No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	
"00" "01" "02" "03" "08" "DIM" "QSTN" "OSD" - Setup "MENU" "UP" "DOWN" "RIGHT" "LEFT" "ENTER" "AUDIO" "VIDEO" "HOME" "QUICK" "IPV" "MEM" - Memo "STR" "RCL" "LOCK" "UNLK" "RST" - Reset "ALL" "IFA" - Audio I	sets Dimmer Level "Bright" sets Dimmer Level "Dim" sets Dimmer Level "Dark" sets Dimmer Level "Shut-Off" sets Dimmer Level "Bright & LED OFF" sets Dimmer Level Wrap-Around Up gets The Dimmer Level Operation Command Menu Key Setup Key Up Key Down Key Right Key Left Key Enter Key Enter Key Left Key Quick Adjust Key Video Adjust Key Video Adjust Key Home Key Quick Setup Key Quick Setup Key Up Key Oner Key Note Setup Key Video Adjust Key Video Adjust Key Video Adjust Key Home Key Quick Setup Key Oner Key Rouck Setup Key Oner Key Rouck Setup Key Oner	Yes Yes No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	Yes Yes No No No Yes	

"INFO" "QSTN" when you send "I" "IFV" - Video In "aa,bb,cc,dd,ee,ff,g g,hh,ii,jj,"	Means Information of Audio(Same Immediate Display ',' is separator of informations) aa: Audio Input Port bb: Input Signal Format cc: Sampling Frequency dd: Input Signal Channel ee: Listening Mode ff: Output Signal Channel gg: Output Sampling Frequency hb: PQLS (Off/2ch/Multich/Bitstream) ii: Auto Phase Control Current Delay (0ms - 16ms /) jj: Auto Phase Control Phase (Normal/Reverse) kk: Upmix Mode(No/PL2/PL2X/PL2Z/DolbySurround/Neo6/NeoX/NeuralX/THXS2/ADYDSX) display Information of Audio gets Information of Audio DIFO2", receiver will return this response. nformation Command information Of Video(Same Immediate Display ',' is separator of informations) aa: Video Input Port bb: Input Resolution, Frame Rate cc: RGB/YCbCr dd: Color Depth ee: Video Output Port ff: Output Resolution, Frame Rate gg: RGB/YCbCr hh: Color Depth ii: Picture Mode ii si LIND Input	TX-NR51 00	DRX-2.4 No Yes Yes	TX-NR61 00	No Yes Yes	TX-NR71 00 No	TX-RZ50 No Yes Yes	DRX-5.4 No Yes Yes	
"aa,bb,cc,dd,ee,ff,g g,hh,il,jj,kk" "INFO" "QSTN" when you send "I "IFV" - Video II "aa,bb,cc,dd,ee,ff,g g,hh,ii,jj,"	Information of Audio(Same Immediate Display ',' is separator of informations) aa: Audio Input Port bb: Input Signal Format cc: Sampling Frequency dd: Input Signal Channel ee: Listening Mode ff: Output Signal Channel gg: Output Sampling Frequency hb: PQLS (Off/2ch/Multich/Bitstream) ii: Auto Phase Control Current Delay (0ms - 16ms /) jj: Auto Phase Control Phase (Normal/Reverse) kk: Upmix Mode(No/PL2/PL2X/PL2Z/DolbySurround/Neo6/NeoX /NeuralX/THXS2/ADYDSX) display Information of Audio DIF02", receiver will return this response. Information Command information of Video(Same Immediate Display ',' is separator of informations) aa: Video Input Port bb: Input Resolution, Frame Rate cc: RGB/YCbCr dd: Color Depth ee: Video Output Port ff: Output Resolution, Frame Rate gg: RGB/YCbCr hh: Color Depth ii: Picture Mode	Yes Yes	Yes Yes	Yes	Yes	Yes	Yes	Yes	
"INFO" "QSTN" when you send "I" "IFV" - Video In "aa,bb,cc,d.d,ee,ff,g	separator of informations) aa: Audio Input Port bb: Input Signal Format cc: Sampling Frequency dd: Input Signal Channel ee: Listening Mode ff: Output Signal Channel gg: Output Signal Channel gg: Output Sampling Frequency hh: PQLS (Off/2ch/Multich/Bitstream) ii: Auto Phase Control Current Delay (0ms - 16ms /) j]: Auto Phase Control Phase (Normal/Reverse) kk: Upmix Mode(No/PL2/PL2X/PL2Z/DolbySurround/Neo6/NeoX/NeuralX/THXS2/ADYDSX) display Information of Audio gets Information of Audio DIF02", receiver will return this response. Information Command information of Video(Same Immediate Display ',' is separator of informations) aa: Video Input Port bb: Input Resolution, Frame Rate cc: RGB/YCbCr dd: Color Depth ee: Video Output Port ff: Output Resolution, Frame Rate gg: RGB/YCbCr hh: Color Depth ii: Picture Mode	Yes Yes	Yes Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN" when you send "I "IFV" - Video II "aa,bb,cc,dd,ee,ff,g g,hh,ii,jj,"	gets Information of Audio DIF02", receiver will return this response. Information Command information of Video(Same Immediate Display ',' is separator of informations) aa: Video Input Port bb: Input Resolution, Frame Rate cc: RGB/YCbCr dd: Color Depth ee: Video Output Port ff: Output Resolution, Frame Rate gg: RGB/YCbCr hh: Color Depth ii: Picture Mode	Yes	Yes						
when you send "I "IFV" - Video II "aa,bb,cc,d .d,ee,ff,g g,hh,ii,jj,"	DIF02", receiver will return this response. Information Command information of Video(Same Immediate Display ',' is separator of informations) aa: Video Input Port bb: Input Resolution, Frame Rate cc: RGB/YCbCr dd: Color Depth ee: Video Output Port ff: Output Resolution, Frame Rate gg: RGB/YCbCr hh: Color Depth ii: Picture Mode			165	165	165	ies	165	
"IFV" - Video II "aa,bb,cc,d d,ee,ff,g g,hh,ii,jj,"	information Command information of Video(Same Immediate Display ',' is separator of informations) aa: Video Input Port bb: Input Resolution, Frame Rate cc: RGB/YCbCr dd: Color Depth ee: Video Output Port ff: Output Resolution, Frame Rate gg: RGB/YCbCr hh: Color Depth ii: Picture Mode	Yes	Yes						I
"aa,bb,cc,d d,ee,ff,g g,hh,ii,jj,"	information of Video(Same Immediate Display ',' is separator of informations) aa: Video Input Port bb: Input Resolution, Frame Rate cc: RGB/YCbCr dd: Color Depth ee: Video Output Port ff: Output Resolution, Frame Rate gg: RGB/YCbCr hh: Color Depth ii: Picture Mode	Yes	Yes						
	j j : HDR Input			Yes	Yes	Yes	Yes	Yes	
"INFO"	diambay Information of Video	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN"	display Information of Video gets Information of Video	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	DIF03", receiver will return this response.	100	100	100	100	100	100		
	k Information Command								
"aa,bb,cc"	information of Network(Same Immediate Display ',' is separator of informations) aa: MAC Address bb: IP Address cc: Host Name	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"INFO"	display Information of Network	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN"	gets Information of Network	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"FLD" - FL Dis	play Information Command								
"xxxxxxxxxx"	FL Display Information	No	No	No	No	No	No	No	
	Character Code for FL Display (UTF-8 encoded)								
"QSTN"	gets FL Display Information	No	No	No	No	No	No	No	
"00"	elector Command sets VIDEO1 VCR/DVR STB/DVR	No	No	No	No	No	No	No	_
"01"	sets VIDEO2 CBL/SAT	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"02"	sets VIDEO3 GAME/TV GAME GAME1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"03"	sets VIDEO4 AUX1(AUX)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"04"	sets VIDEO5 AUX2 GAME2	No	No	No	No	No	No	No	
"05"	sets VIDEO6 PC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"06"	sets VIDEO7	No	No	No	No	No	No	No	
"07"	Hidden1 EXTRA1	No	No	No	Yes	No	No	Yes	
"08" "09"	Hidden2 EXTRA2	No No	No No	No No	Yes Yes	No No	No No	Yes Yes	-
"10"	Hidden3 EXTRA3 sets DVD BD/DVD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"11"	sets STRM BOX	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"12"	sets TV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"20"	sets TAPE(1) TV/TAPE	No	No	No	No	No	No	No	
	sets TAPE2	No	No	No	No	No	No	No	
"21"		No	Yes	Yes	Yes	Yes	Yes	Yes	
"21" "22"	sets PHONO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"21" "22" "23"	sets CD TV/CD		Yes	Yes	Yes	Yes	Yes	Yes	
"21" "22" "23" "24"	sets CD TV/CD sets FM	Yes	Yes	Yes	Yes Yes	Yes	Yes	Yes	1
"21" "22" "23" "24" "25"	sets CD TV/CD sets FM sets AM	Yes	V	V			Yes	Yes	
"21" "22" "23" "24" "25" "26"	sets CD TV/CD sets FM sets AM sets TUNER	Yes Yes	Yes	Yes		Yes	NI.	NI-	
"21" "22" "23" "24" "25" "26"	sets CD TV/CD sets FM sets AM sets TUNER sets MUSIC SERVER P4S DLNA*2	Yes Yes No	No	No	No	No	No	No No	
"21" "22" "23" "24" "25" "26" "27"	sets CD TV/CD sets FM sets AM sets TUNER sets MUSIC SERVER P4S DLNA*2 sets INTERNET RADIO iRadio Favorite*3	Yes Yes No No	No No	No No	No No	No No	No	No	
"21" "22" "23" "24" "25" "26" "27" "28"	sets CD TV/CD sets FM sets AM sets TUNER sets MUSIC SERVER P4S DLNA*2 sets INTERNET RADIO iRadio Favorite*3 sets USB/USB(Front)	Yes Yes No No Yes	No No Yes	No No Yes	No No Yes	No No Yes	No Yes	No Yes	
"21" "22" "23" "24" "25" "26" "27" "28" "29"	sets CD TV/CD sets FM sets FM sets AM sets TUNER sets MUSIC SERVER P4S DLNA*2 sets INTERNET RADIO iRadio Favorite*3 sets USB/USB(Front) sets USB(Rear)	Yes Yes No No Yes No	No No Yes No	No No Yes No	No No Yes No	No No Yes No	No Yes No	No Yes No	
"21" "22" "23" "24" "25" "26" "27" "28" "29" "2A" "28"	sets CD TV/CD sets FM sets FM sets AM sets TUNER sets MUSIC SERVER P4S DLNA*2 sets INTERNET RADIO iRadio Favorite*3 sets USB/USB(Front) sets USB/USB(Rear) sets NETWORK NET	Yes Yes No No Yes No Yes	No No Yes No Yes	No No Yes No Yes	No No Yes No Yes	No No Yes No Yes	No Yes No Yes	No Yes No Yes	
"21" "22" "23" "24" "25" "26" "27" "28" "29" "2A" "2B" "2B"	sets CD TV/CD sets FM sets AM sets TUNER sets MUSIC SERVER P4S DLNA*2 sets INTERNET RADIO iRadio Favorite*3 sets USB/USB(Front) sets USB(Rear) sets NETWORK NET sets USB(toggle)	Yes Yes No No Yes No Yes Yes Yes	No No Yes No Yes Yes	No No Yes No Yes Yes	No No Yes No Yes Yes	No No Yes No Yes Yes	No Yes No Yes Yes	No Yes No Yes Yes	
"21" "22" "23" "24" "25" "26" "27" "28" "28" "28" "28" "22"	sets CD TV/CD sets FM sets AM sets AM sets TUNER sets MUSIC SERVER P4S DLNA*2 sets INTERNET RADIO iRadio Favorite*3 sets USB/USB(Front) sets USB(Rear) sets NETWORK NET sets USB(toggle) sets Airplay	Yes Yes No No Yes No Yes No Yes No Yes No Yes No	No No Yes No Yes Yes No	No No Yes No Yes Yes No	No No Yes No Yes Yes No	No No Yes No Yes Yes No	No Yes No Yes Yes Yes No	No Yes No Yes Yes Yes No	
"21" "22" "23" "24" "25" "26" "27" "28" "29" "2A" "2B" "2B"	sets CD TV/CD sets FM sets FM sets AM sets TUNER sets MUSIC SERVER P4S DLNA*2 sets INTERNET RADIO iRadio Favorite*3 sets USB/USB(Front) sets USB/Rear) sets NETWORK NET sets USB(toggle) sets Airplay sets Bluetooth	Yes Yes No No Yes No Yes Yes Yes	No No Yes No Yes Yes	No No Yes No Yes Yes	No No Yes No Yes Yes	No No Yes No Yes Yes	No Yes No Yes Yes	No Yes No Yes Yes	
"21" "22" "23" "24" "25" "26" "27" "28" "29" "2A" "2E" "2C" "2D" "2E"	sets CD TV/CD sets FM sets AM sets AM sets TUNER sets MUSIC SERVER P4S DLNA*2 sets INTERNET RADIO iRadio Favorite*3 sets USB/USB(Front) sets USB(Rear) sets NETWORK NET sets USB(toggle) sets Airplay	Yes Yes No No Yes No Yes No Yes Yes No Yes	No No Yes No Yes Yes No Yes Yes No Yes	No No Yes No Yes Yes No Yes Yes No Yes	No No Yes No Yes Yes No Yes Yes No Yes	No No Yes No Yes Yes No Yes Yes No Yes	No Yes No Yes Yes No Yes Yes No Yes	No Yes No Yes Yes No Yes Yes No Yes	

<u>nain-reiat</u>	ed Command Support List	2020							
		TX-NR51 00	DRX-2.4	TX-NR61 00	DRX-3.4	TX-NR71 00	TX-RZ50	DRX-5.4	
Code	Means								
"44"	sets OPTICAL	No	No	No	No	No	No	No	
"45" "40"	sets COAXIAL sets Universal PORT	No No	No No	No No	No No	No No	No No	No No	
"30"	sets MULTI CH	No	No	No	No	No	No	No	
"31"	sets XM*1	No	No	No	No	No	No	No	
"32"	sets SIRIUS*1	No	No	No	No	No	No	No	
"33" "55"	sets DAB *5	No No	Yes*9 No	Yes*9 No	Yes*9 No	Yes*9 No	Yes*9 No	Yes*9 No	
"55"	sets HDMI 5 sets HDMI 6	No	No	No	No	No	No	No	
"57"	sets HDMI 7	No	No	No	No	No	No	No	
"UP"	sets Selector Position Wrap-Around Up	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"DOWN"	sets Selector Position Wrap-Around Down	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN"	gets The Selector Position le XM/SIRIUS Model	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
5: only Europe 6:Only AE Moo 7: Except Euro 8: Europe Moo	and Asia/Australia Model del(TX-NR515AE/616AE/818AE) ope and Asia/Australia Model								
	OUT Selector Command		1	1	1	1		1	
"00"	sets VIDEO1	No No	No	No	No	No	No No	No	
"01" "02"	sets VIDEO2 sets VIDEO3	No No	No No	No No	No No	No No	No No	No No	-
"03"	sets VIDEO3	No	No	No	No	No	No	No	
"04"	sets VIDEO5	No	No	No	No	No	No	No	
"05"	sets VIDEO6	No	No	No	No	No	No	No	
"06"	sets VIDEO7	No	No	No	No	No	No	No	
"10" "20"	sets DVD	No No	No No	No No	No No	No No	No No	No No	-
"20"	sets TAPE(1) sets TAPE2	No	No	No	No	No	No	No	
"22"	sets PHONO	No	No	No	No	No	No	No	
"23"	sets CD	No	No	No	No	No	No	No	
"24"	sets FM	No	No	No	No	No	No	No	
"25"	sets AM	No	No	No	No	No	No	No	
"26"	sets TUNER	No	No	No	No No	No No	No	No	
"27" "28"	sets MUSIC SERVER sets INTERNET RADIO	No No	No No	No No	No	No	No No	No No	
"30"	sets MULTI CH	No	No	No	No	No	No	No	
"31"	sets XM	No	No	No	No	No	No	No	
"7F"	sets OFF	No	No	No	No	No	No	No	
"80"	sets SOURCE	No	No	No	No	No	No	No	
"QSTN" 1:REC/ZONE:	gets The Selector Position	No	No	No	No	No	No	No	
	io Selector Command								
"00"	sets AUTO	No	No	No	No	No	No	No	
"01"	sets MULTI-CHANNEL	No	No	No	No	No	No	No	
"02"	sets ANALOG	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"03" "04"	sets iLINK	No Yes	No Yes	No Yes	No Yes	No Yes	No Yes	No Yes	
"05"	sets HDMI sets COAX/OPT	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"06"	sets BALANCE	No	No	No	No	No	No	No	
"07"	sets ARC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"0F"	sets None	No	No	No	No	No	No	No	
"UP" "QSTN"	sets Audio Selector Wrap-Around Up gets The Audio Selector Status	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	<u> </u>
	Trigger A Command	162	165	165	165	165	163	163	
"00"	sets 12V Trigger A Off	No	Yes	No	Yes	Yes	Yes	Yes	
"01"	sets 12V Trigger A On	No	Yes	No	Yes	Yes	Yes	Yes	
"00"	12V Trigger A Status:Off	No	No	No	No	No	No	No	
"01"	12V Trigger A Status:On	No	No	No	No	No	No Yee	No	
"QSTN"	gets 12V Trigger A Status Trigger B Command	No	Yes	No	Yes	Yes	Yes	Yes	
"00"	sets 12V Trigger B Off	No	Yes	No	Yes	No	No	Yes	
"01"	sets 12V Trigger B On	No	Yes	No	Yes	No	No	Yes	
"00"	12V Trigger B Status:Off	No	No	No	No	No	No	No	
"01"	12V Trigger B Status:On	No	No	No	No	No	No	No	
"QSTN"	gets 12V Trigger B Status	No	Yes	No	Yes	No	No	Yes	_
"00"	Trigger C Command sets 12V Trigger C Off	No	Yes	No	Yes	No	No	Yes	
"01"	sets 12V Trigger C On	No	Yes	No	Yes	No	No	Yes	
"00"	12V Trigger C Status:Off	No	No	No	No	No	No	No	
"01"	12V Trigger C Status:On	No	No	No	No	No	No	No	
"QSTN"	gets 12V Trigger C Status	No	Yes	No	Yes	No	No	Yes	
	are available,when each 12V Trigger parameter is al	l "OFF" at Se	tup Menu						
	o Output Selector (Japanese Model Only)								
"00" "01"	sets D4 sets Component	No No	No No	No No	No No	No No	No No	No No	
UI			No	No	No	No	No	No	
"QSTN"	gets The Selector Position	No							

	ed Command Support List								I
		TX-NR51	DRX-2.4	TX-NR61	DRX-3.4	TX-NR71	TX-RZ50	DRX-5.4	
		00		00		00			
Code	Means								
"01"	sets Yes/Out Main HDMI Main HDMI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"02"	sets Out Sub HDMI Sub HDBase		Yes	Yes	Yes	Yes	Yes	Yes	
"03"	sets Both Main+Sub	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	
"04" "05"	sets Both(Main) sets Both(Sub)	No	No	No	No	No	No	No	
"UP"	sets HDMI Out Selector Wrap-Around Up	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN"	gets The HDMI Out Selector	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
except Ameri	can Model I Audio Out (Main)								
"00"	sets Off	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"01"	sets On	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"02"	Status:Auto(Response Only)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"UP" "QSTN"	sets HDMI Audio Out Wrap-Around Up gets HDMI Audio Out	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
	Audio Out (Sub)	res	res	res	res	res	res	res	
"00"	sets Off	No	No	No	No	No	No	No	
"01"	sets On	No	No	No	No	No	No	No	
"UP"	sets HDMI Audio Out Wrap-Around Up	No No	No No	No No	No No	No No	No No	No No	
"QSTN" CEC" - HDMI	gets HDMI Audio Out	No	No	No	INO	No	No	No	
"00"	sets Off	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"01"	sets On	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"UP"	sets HDMI CEC Wrap-Around Up	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN"	gets HDMI CEC I CEC Control Monitor	Yes	Yes	Yes	Yes	Yes	Yes	Yes	_
"01"	sets Main	No	No	No	No	No	No	No	
"02"	sets Ivialit	No	No	No	No	No	No	No	
"10"	sets Sub	No	No	No	No	No	No	No	
"UP"	sets Control Monitor Wrap-Around Up	No No	No No	No No	No No	No No	No No	No No	
"QSTN" RES" - Moni	gets Control Monitor tor Out Resolution	INO	NO	INO	NO	NO	NO	NO	
"00"	sets Through	No	No	No	No	No	No	No	
"01"	sets Auto(HDMI Output Only)	No	No	No	No	No	No	No	
"02"	sets 480p	No	No	No	No	No	No	No	
"03" "13"	sets 720p sets 1680x720p	No No	No No	No No	No No	No No	No No	No No	
"04"	sets 1080x720p	No	No	No	No	No	No	No	
"05"	sets 1080p(HDMI Output Only)	No	No	No	No	No	No	No	
"07"	sets 1080p/24fs(HDMI Output Only)	No	No	No	No	No	No	No	
"15" "08"	sets 2560x1080p sets 4K Upscaling(HDMI Output Only) 4K(HDM	No 11 Outpu No	No No	No No	No No	No No	No No	No No	
"06"	sets Source	No No	No	No	No	No	No	No	
"UP"	sets Monitor Out Resolution Wrap-Around Up	No	No	No	No	No	No	No	
"QSTN"	gets The Monitor Out Resolution	No	No	No	No	No	No	No	
SPR" - Super	sets Super Resolution	No	No	No	No	No	No	No	
"UP"	sets Super Resolution Wrap-Around Up	No	No	No	No	No	No	No	
"DOWN"	sets Super Resolution Wrap-Around DOWN	No	No	No	No	No	No	No	
"QSTN"	gets The Super Resolution State	No	No	No	No	No	No	No	
	Out Information	'				.	.		
	HDMI Out Information State								
ab	a:HDMI Out MAIN 1:for Main Zone b:HDMI Out SUB 0:None(No terminal),1:for Ma	in Yes	Yes	Yes	Yes	Yes	Yes	Yes	
ab	Zone(Zone2HDMI=Not Use or Zone2HDMI is r		100		100	100	100	100	
	supported),2:for Zone 2(Zone2HDMI=Use)								
"QSTN"	gets The HDMI Out Information State	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
SF" - ISF Mo		No	No	No	No	No	No	No	
"00" "01"	sets ISF Mode Custom sets ISF Mode Day	No No	No No	No No	No No	No No	No No	No No	
"02"	sets ISF Mode Night	No	No	No	No	No	No	No	
"UP"	sets ISF Mode State Wrap-Around Up	No	No	No	No	No	No	No	
"QSTN"	gets The ISF Mode State	No	No	No	No	No	No	No	_
"00"	sets Auto	No	No	No	No	No	No	No	
<u>"01"</u>	sets Auto	No	No	No	No	No	No	No	
"02"	sets Full	No	No	No	No	No	No	No	
"03"	sets Zoom	No	No	No	No	No	No	No	
"04" "05"	sets Wide Zoom sets Smart Zoom	No No	No No	No No	No No	No No	No No	No No	
"UP"	sets Smart Zoom sets Video Zoom Mode Wrap-Around Up	No	No	No	No	No	No	No	
"QSTN"	gets Video Zoom Mode	No	No	No	No	No	No	No	L
VPM" -Video	Picture Mode								
"00"	sets Through Standard	No	No	No	No	No	No	No	
"01" "02"	sets Custom sets Cinema	No No	No No	No No	No No	No No	No No	No No	
"03"	sets Cinema sets Game	No	No	No	No	No	No	No	
"05"	sets ISF Day	No	No	No	No	No	No	No	
"06"	sets ISF Night	No	No	No	No	No	No	No	

<u>llain-relate</u>	d Command Support List	2020							
		TX-NR51 00	DRX-2.4	TX-NR61 00	DRX-3.4	TX-NR71 00	TX-RZ50	DRX-5.4	
Code	Means								
"08"	sets Direct Bypass	No	No	No	No	No	No	No	
"UP" "QSTN"	sets Video Zoom Mode Wrap-Around Up gets Video Zoom Mode	No No	No No	No No	No No	No No	No No	No No	
	ning Mode Command	140	140	140	140	140	140	140	
"00"	sets STEREO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"01" "02"	sets DIRECT sets SURROUND	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
"03"	sets FILM Game-RPG	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"04"	sets THX	No	No	Yes	No	Yes	Yes	Yes	
"05" "06"	sets ACTION Game-Action sets MUSICAL Game-Rock	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
"07"	sets MONO MOVIE	No	No	No	No	No	No	No	
"08"	sets ORCHESTRA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"09" "0A"	sets UNPLUGGED sets STUDIO-MIX	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
"0B"	sets TV LOGIC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"0C"	sets ALL CH STEREO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"0D"	sets THEATER-DIMENSIONAL	Yes	Yes	Yes Yes	Yes	Yes	Yes	Yes	
"0E" "0F"	sets ENHANCED 7/ENHANCE Game-Sports sets MONO	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
"11"	sets PURE AUDIO	Yes*3	No	Yes*3	No	Yes*3	Yes	No	
"12"	sets MULTIPLEX	No Yes	No Yes	No Yes	No Yes	No Yes	No Yes	No Yes	
"13" "14"	sets FULL MONO sets DOLBY VIRTUAL / Surround Enhancer	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	
"15"	sets DTS Surround Sensation	No	No	No	No	No	No	No	
"16" "17"	sets Audyssey DSX	No Yes*5	No Voe*5	No Yes*5	No No	No No	No No	No No	
"17" "1F"	sets DTS Vir t ual:X sets Whole House Mode	Yes*5	Yes*5 No	Yes*5 No	No No	No No	No Yes	No Yes	
"23"	sets Stage (when Genre Control is Enable in Japan Mo	No	No	No	No	No	No	No	
"25"	sets Action (when Genre Control is Enable in Japan Mo	No	No	No	No	No	No	No	
"26" "2E"	sets Music (when Genre Control is Enable in Japan Mosets Sports (when Genre Control is Enable in Japan Mo	No No	No No	No No	No No	No No	No No	No No	
"40"	sets 5.1ch Surround	No	No	No	No	No	No	No	
"40"	sets Straight Decode*1	Yes	Yes	Yes	Yes	Yes	Yes No	Yes	
<u>"41"</u> "41"	sets Dolby EX/DTS ES sets Dolby EX*2	No No	No No	No No	No No	No No	No	No No	
"42"	sets THX Cinema	No	No	Yes	No	Yes	Yes	Yes	
"43"	sets THX Surround EX	No	No	No	No	No	No	No	
"44" "45"	sets THX Music sets THX Games	No No	No No	Yes Yes	No No	Yes Yes	Yes Yes	Yes Yes	
"50"	sets THX U(2)/S(2)/I/S Cinema/Cinema2	No	No	Yes	No	Yes	Yes	Yes	
"51"	sets THX MusicMode,THX U(2)/S(2)/I/S Music	No	No	Yes	No	Yes	Yes	Yes	
"52" "80"	sets THX Games Mode,THX U(2)/S(2)/I/S Games sets PLII/PLIIx Movie Dolby Atmos/Dolby Surround	No Yes	No Yes	Yes Yes	No Yes	Yes Yes	Yes Yes	Yes Yes	
"81"	sets PLII/PLIIx Music	No	No	No	No	No	No	No	
"82"	sets Neo:6 Cinema/Neo:X Cinema DTS:X/Neural:X	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"83" "84"	sets Neo:6 Music/Neo:X Music sets PLII/PLIIx THX Cinema Dolby Surround THX 0	No No	No No	No Yes	No No	No Yes	No Yes	No Yes	
"85"	sets Neo:6/Neo:X THX Cinema DTS Neural:X THX (No	Yes	No	Yes	Yes	Yes	
"86"	sets PLII/PLIIx Game	No	No	No	No	No	No	No	
"87" "88"	sets Neural Surr*3 sets Neural THX/Neural Surround	No No	No No	No No	No No	No No	No No	No No	
"89"	sets PLII/PLIIx THX Games Dolby Surround THX Ga	No	No	Yes	No	Yes	Yes	Yes	
"8A"	sets Neo:6/Neo:X THX Games DTS Neural:X THX G	No	No	Yes	No	Yes	Yes	Yes	
"8B" "8C"	sets PLII/PLIIx THX Music Dolby Surround THX Mus sets Neo:6/Neo:X THX Music DTS Neural:X THX Mu	No No	No No	Yes Yes	No No	Yes Yes	Yes Yes	Yes Yes	<u> </u>
"8D"	sets Neural THX Cinema	No	No	No	No	No	No	No	
"8E"	sets Neural THX Music	No	No	No	No	No	No	No	
"8F" "90"	sets Neural THX Games sets PLIIz Height	No No	No No	No No	No No	No No	No No	No No	
"91"	sets Neo:6 Cinema DTS Surround Sensation	No	No	No	No	No	No	No	
"92"	sets Neo:6 Music DTS Surround Sensation	No	No	No	No	No	No	No	
"93" "94"	sets Neural Digital Music sets PLIIz Height + THX Cinema	No No	No No	No No	No No	No No	No No	No No	
"95"	sets PLIIz Height + THX Music	No	No	No	No	No	No	No	
"96"	sets PLIIz Height + THX Games	No	No	No	No	No	No	No	
"97" "98"	sets PLIIz Height + THX U2/S2 Cinema sets PLIIz Height + THX U2/S2 Music	No No	No No	No No	No No	No No	No No	No No	
"99"	sets PLIIz Height + THX U2/S2 Music	No	No	No	No	No	No	No	
"9A"	sets Neo:X Game	No	No	No	No	No	No	No	
"A0" "A1"	sets PLIIx/PLII Movie + Audyssey DSX	No No	No No	No No	No No	No No	No No	No No	
"A1" "A2"	sets PLIIx/PLII Music + Audyssey DSX sets PLIIx/PLII Game + Audyssey DSX	No	No No	No No	No No	No No	No No	No No	
"A3"	sets Neo:6 Cinema + Audyssey DSX	No	No	No	No	No	No	No	
	sets Neo:6 Music + Audyssey DSX	No	No	No	No	No	No	No	
"A4"									
"A4" "A5"	sets Neural Surround + Audyssey DSX	No No	No No	No No	No No	No No	No No	No No	
"A4"		No No No	No No No	No No No	No No No	No No No	No No No		

Main-relate	d Command Support List	2020							
		TV ND54		TV ND04		TV ND74			
		TX-NR51 00	DRX-2.4	TX-NR61 00	DRX-3.4	TX-NR71 00	TX-RZ50	DRX-5.4	
Code "DOWN"	Means sets Listening Mode Wrap-Around Down	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"MOVIE"	sets Listening Mode Wrap-Around Down sets Listening Mode Wrap-Around Up	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"MUSIC"	sets Listening Mode Wrap-Around Up	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"GAME" "THX"	sets Listening Mode Wrap-Around Up	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	
"AUTO"	sets Listening Mode Wrap-Around Up sets Listening Mode Wrap-Around Up	No	No	No	No	No	No	No	
"SURR"	sets Listening Mode Wrap-Around Up	No	No	No	No	No	No	No	
"STEREO" "QSTN"	sets Listening Mode Wrap-Around Up	No Yes	No Yes	No Yes	No Yes	No Yes	No Yes	No Yes	
	gets The Listening Mode X-SR805:Dolby Digital/DTS/AAC/DTS-ES/DTS 96/24/Do		165	163	165	163	163	ies	
*2 Newer than TX	X-SR805:if you want to change Listening Mode to DTS-E								
*3 Only Available *4 Only TX-8150	North American Model								
*5 Update									
"DIR" - Direct				,		,	,		
"00"	sets Off	No	No	No No	No No	No No	No No	No No	
"01" "TG"	sets On sets Direct Wrap-Around Up	No No	No No	No No	No No	No No	No No	No No	
"QSTN"	gets Direct Status	No	No	No	No	No	No	No	
	ight Command	١,	.,	.,	.,	.,	.,		
"00" "01"	sets Late Night Off sets Late Night Low@DolbyDigital,On@Dolby TrueHD	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
"02"	sets Late Night Low@DolbyDigital,On@Dolby TrueHD	No	No	No	No	No	No	No	
"03"	sets Late Night Auto@Dolby TrueHD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"UP" "QSTN"	sets Late Night State Wrap-Around Up gets The Late Night Level	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
	N/Academy Filter Command							.55	
"00"	sets Both Off	No	No	No	No	No	No	No	
"01" "02"	sets Re-EQ On	No No	No No	No No	No No	No No	No No	No No	
"UP"	sets Academy On sets Re-EQ/Academy State Wrap-Around Up	No	No	No	No	No	No	No	
"QSTN"	gets The Re-EQ/Academy State	No	No	No	No	No	No	No	
"RAS" - Re-EQ									
"00" "01"	sets Re-EQ Off sets Re-EQ On	Yes Yes	No No	Yes Yes	No No	Yes Yes	Yes Yes	Yes Yes	
"UP"	sets Re-EQ State Wrap-Around Up	Yes	No	Yes	No	Yes	Yes	Yes	
"QSTN"	gets The Re-EQ State	Yes	No	Yes	No	Yes	Yes	Yes	
"RAS" - Cinem "00"	sets Cinema Filter Off	No	Yes	No	Yes	No	No	No	
"01"	sets Cinema Filter On	No	Yes	No	Yes	No	No	No	
"UP"	sets Cinema Filter State Wrap-Around Up	No	Yes	No	Yes	No	No	No	
"QSTN"	gets The Cinema Filter State	No	Yes	No	Yes	No	No	No	
"00"	ssey 2EQ/MultEQ/MultEQ XT sets Audyssey 2EQ/MultEQ/MultEQ XT Off	No	No	No	No	No	No	No	
"01"	sets Audyssey 2EQ/MultEQ/MultEQ XT On/Movie	No	No	No	No	No	No	No	
"02"	sets Audyssey 2EQ/MultEQ/MultEQ XT Music	No	No No	No No	No No	No No	No No	No No	
"UP" "QSTN"	sets Audyssey 2EQ/MultEQ/MultEQ XT State Wrap-Ard gets The Audyssey 2EQ/MultEQ/MultEQ XT State	No No	No	No	No	No	No	No	
	ssey Dynamic EQ			l		l	l		
"00"	sets Audyssey Dynamic EQ Off	No	No	No	No	No	No	No	
"01" "UP"	sets Audyssey Dynamic EQ On sets Audyssey Dynamic EQ State Wrap-Around Up	No No	No No	No No	No No	No No	No No	No No	
"QSTN"	gets The Audyssey Dynamic EQ State	No	No	No	No	No	No	No	
	ssey Dynamic Volume								
"00"	sets Audyssey Dynamic Volume Off	No	No	No No	No	No	No No	No No	
"01"	sets Audyssey Dynamic Volume Light	No	No	No No	No No	No No	No No	No No	
"02"	sets Audyssey Dynamic Volume Medium	No	No	INO	INO				
"03"	sets Audyssey Dynamic Volume Medium sets Audyssey Dynamic Volume Heavy	No No	No	No	No	No	No	No	
"03" "UP"	sets Audyssey Dynamic Volume Heavy sets Audyssey Dynamic Volume State Wrap-Around U	No No	No No	No No	No No	No No	No	No	
"03" "UP" "QSTN"	sets Audyssey Dynamic Volume Heavy sets Audyssey Dynamic Volume State Wrap-Around U gets The Audyssey Dynamic Volume State	No	No	No	No	No			
"03" "UP"	sets Audyssey Dynamic Volume Heavy sets Audyssey Dynamic Volume State Wrap-Around U gets The Audyssey Dynamic Volume State	No No	No No	No No	No No	No No	No	No	
"03" "UP" "QSTN" "DVL" - Dolby "00" "01"	sets Audyssey Dynamic Volume Heavy sets Audyssey Dynamic Volume State Wrap-Around Uj gets The Audyssey Dynamic Volume State Volume sets Dolby Volume Off sets Dolby Volume Low/On	No No No No	No No No No	No No No No	No No No No	No No No No	No No No	No No No	
"03" "UP" "QSTN" "DVL" - Dolby "00" "01" "02"	sets Audyssey Dynamic Volume Heavy sets Audyssey Dynamic Volume State Wrap-Around Uj gets The Audyssey Dynamic Volume State Volume sets Dolby Volume Off sets Dolby Volume Low/On sets Dolby Volume Mid	No No No No No	No No No No No	No No No No No	No No No No No	No No No No No	No No No No	No No No No	
"03" "UP" "QSTN" "DVL" - Dolby "00" "01"	sets Audyssey Dynamic Volume Heavy sets Audyssey Dynamic Volume State Wrap-Around Uj gets The Audyssey Dynamic Volume State Volume sets Dolby Volume Off sets Dolby Volume Low/On	No No No No	No No No No	No No No No	No No No No	No No No No	No No No	No No No	
"03" "UP" "QSTN" "DVL" - Dolby "00" "01" "02" "03" "UP" "QSTN"	sets Audyssey Dynamic Volume Heavy sets Audyssey Dynamic Volume State Wrap-Around Uj gets The Audyssey Dynamic Volume State Volume sets Dolby Volume Off sets Dolby Volume Low/On sets Dolby Volume Mid sets Dolby Volume High sets Dolby Volume State Wrap-Around Up gets The Dolby Volume State	No No No No No No	No No No No No No No	No No No No No No	No No No No No No	No No No No No No	No No No No No	No No No No No	
"03" "UP" "QSTN" "DVL" - Dolby "00" "01" "02" "03" "UP" "UP" "QSTN"	sets Audyssey Dynamic Volume Heavy sets Audyssey Dynamic Volume State Wrap-Around Uj gets The Audyssey Dynamic Volume State Volume sets Dolby Volume Off sets Dolby Volume Low/On sets Dolby Volume Mid sets Dolby Volume High sets Dolby Volume State Wrap-Around Up gets The Dolby Volume State Q	No No No No No No No No	No N	No N	No N	No N	No	No N	
"03" "UP" "QSTN" "DVL" - Dolby "00" "01" "02" "03" "UP" "UP" "QSTN" "AEQ" - Accue	sets Audyssey Dynamic Volume Heavy sets Audyssey Dynamic Volume State Wrap-Around Uj gets The Audyssey Dynamic Volume State Volume sets Dolby Volume Off sets Dolby Volume Low/On sets Dolby Volume Mid sets Dolby Volume High sets Dolby Volume State Wrap-Around Up gets The Dolby Volume State Q sets AccuEQ Off	No No No No No No No	No	No No No No No No No	No No No No No No No No	No	No No No No No No	No N	
"03" "UP" "QSTN" "DVL" - Dolby "00" "01" "02" "03" "UP" "UP" "QSTN" "AEQ" - Accue	sets Audyssey Dynamic Volume Heavy sets Audyssey Dynamic Volume State Wrap-Around Uj gets The Audyssey Dynamic Volume State Volume sets Dolby Volume Off sets Dolby Volume Low/On sets Dolby Volume Mid sets Dolby Volume High sets Dolby Volume State Wrap-Around Up gets The Dolby Volume State Q	No Yes	No Yes	No Yes	No Yes	No Yes	No No No No No No No No No Yes	No No No No No No Yes	
"03" "UP" "QSTN" "DVL" - Dolby "00" "01" "02" "03" "UP" "QSTN" "AEQ" - Accue "00" "01" "02" "03"	sets Audyssey Dynamic Volume Heavy sets Audyssey Dynamic Volume State Wrap-Around Uj gets The Audyssey Dynamic Volume State Volume sets Dolby Volume Off sets Dolby Volume Low/On sets Dolby Volume Mid sets Dolby Volume High sets Dolby Volume State Wrap-Around Up gets The Dolby Volume State EQ sets AccuEQ Off sets AccuEQ On On(All Ch) sets AccuEQ On(ex. Front L/R) sets AccuEQ On(Front Matching EQ)	No No No No No No No No No Yes Yes No	No Yes Yes No	No Yes Yes No	No Yes Yes No	No N	No Yes Yes Yes No	No No No No No No No Yes Yes Yes No	
"03" "UP" "QSTN" "DVL" - Dolby "00" "01" "02" "03" "UP" "QSTN" "AEQ" - Accue "00" "01" "02" "03" "UP"	sets Audyssey Dynamic Volume Heavy sets Audyssey Dynamic Volume State Wrap-Around Ugets The Audyssey Dynamic Volume State Volume sets Dolby Volume Off sets Dolby Volume Low/On sets Dolby Volume High sets Dolby Volume High sets Dolby Volume State Wrap-Around Up gets The Dolby Volume State Q sets AccuEQ Off sets AccuEQ On On(All Ch) sets AccuEQ On On(Front Matching EQ) sets AccuEQ State Wrap-Around Up	No N	No N	No N	No N	No N	No Yes Yes Yes No Yes	No N	
"03" "UP" "QSTN" "DVL" - Dolby "00" "01" "02" "03" "UP" "QSTN" "AEQ" - Accue "00" "01" "02" "03"	sets Audyssey Dynamic Volume Heavy sets Audyssey Dynamic Volume State Wrap-Around Ug gets The Audyssey Dynamic Volume State Volume sets Dolby Volume Off sets Dolby Volume Low/On sets Dolby Volume High sets Dolby Volume High sets Dolby Volume State Wrap-Around Up gets The Dolby Volume State EQ sets AccuEQ Off sets AccuEQ On On(All Ch) sets AccuEQ On On(Ex. Front L/R) sets AccuEQ State Wrap-Around Up gets The AccuEQ State Wrap-Around Up gets The AccuEQ State Wrap-Around Up	No No No No No No No No No Yes Yes No	No Yes Yes No	No Yes Yes No	No Yes Yes No	No N	No Yes Yes Yes No	No No No No No No No Yes Yes Yes No	
"03" "UP" "OO" "01" "02" "03" "UP" "STN" "AEQ" - Accue "00" "01" "02" "03" "UP" "01" "02" "03" "UP" "01" "02" "03" "UP" "03" "01"	sets Audyssey Dynamic Volume Heavy sets Audyssey Dynamic Volume State Wrap-Around Ug gets The Audyssey Dynamic Volume State Volume sets Dolby Volume Off sets Dolby Volume Low/On sets Dolby Volume High sets Dolby Volume High sets Dolby Volume State Wrap-Around Up gets The Dolby Volume State EQ sets AccuEQ Off sets AccuEQ On On(All Ch) sets AccuEQ On On(Front Matching EQ) sets AccuEQ State Wrap-Around Up gets The AccuEQ State CC EQ sets MCACC MEMORY 1	No N	No N	No N	No N	No N	No N	No Yes Yes Yes Yes No Yes Yes No	
"03" "UP" "QSTN" "OU" "01" "02" "03" "UP" "QSTN" "AEQ" - Accue "00" "01" "02" "03" "UP" "02" "03" "UP" "03" "UP" "04" "05TN" "MEM" - MCAC	sets Audyssey Dynamic Volume Heavy sets Audyssey Dynamic Volume State Wrap-Around Ug gets The Audyssey Dynamic Volume State Volume sets Dolby Volume Off sets Dolby Volume Low/On sets Dolby Volume High sets Dolby Volume High sets Dolby Volume State Wrap-Around Up gets The Dolby Volume State Wrap-Around Up gets The Dolby Volume State EQ sets AccuEQ Off sets AccuEQ On On(All Ch) sets AccuEQ On On(ex. Front L/R) sets AccuEQ On (Front Matching EQ) sets AccuEQ State Wrap-Around Up gets The AccuEQ State CC EQ	No N	No Yes Yes Yes Yes Yes	No Yes Yes Yes Yes Yes Yes	No Yes Yes Yes Yes Yes	No N	No No No No No No No No No Yes Yes Yes Yes Yes	No No No No No No No No No Yes Yes Yes Yes Yes Yes	

Main-relate	d Command Support List	2020							
		TX-NR51	DRX-2.4	TX-NR61	DRX-3.4	TX-NR71	TX-RZ50	DRX-5.4	
		00	DRX-2.4	00	DRX-3.4	00	1X-RZ50	DRX-5.4	
Code	Means								
"05"	sets MCACC MEMORY 5	No							
"06"	sets MCACC MEMORY 6	No							
"UP"	sets MCACC MEMORY Wrap-Around Up	No No	No No	No	No No	No No	No	No	
"DOWN" "QSTN"	sets MCACC MEMORY Wrap-Around Down gets The MCACC MEMORY	No	No	No No	No	No	No No	No No	
	zer Select(O/I:Equalizer, P:Manual EQ Select)	140	140	140	140	140	140	140	<u> </u>
"00"	sets Equalizer Off	Yes							
"01"	sets Equalizer Preset 1	Yes							
"02"	sets Equalizer Preset 2	Yes							
"03" "UP"	sets Equalizer Preset 3	Yes Yes							
"DOWN"	sets Equalizer Preset Wrap-Around Up sets Equalizer Preset Wrap-Around Down	Yes							
"QSTN"	gets The Equalizer Preset	Yes							
	r Standing Wave / Standing Wave								
"00"	sets Standing Wave Off	No	No	No	Yes	Yes	Yes	Yes	
"01"	sets Standing Wave On	No	No	No	Yes	Yes	Yes	Yes	
"UP"	sets Standing Wave Wrap-Around Up	No No	No No	No	Yes Yes	Yes	Yes	Yes	
"QSTN" PCT" - Phase	gets The Standing Wave	NO	No	No	res	Yes	Yes	Yes	
"00"	sets Phase Control Off	No							
"01"	sets Phase Control On	No							
"02"	sets Full Band Phase Control On	No							
"UP"	sets Phase Control Wrap-Around Up	No							
"QSTN"	gets The Phase Control	No							
PCP" - Phase									_
"00"-"10" "AT"	sets Phase Control Plus 0msec - 16msec sets Auto Phase Control Plus	No No							
"UP"	sets Phase Control Plus Up	No							
"DOWN"	sets Phase Control Plus Down	No							
"QSTN"	gets The Phase Control Plus	No							
LFE" - LFE Le	evel / LFE Mute Level								
xx	00:0dB 01:-1dB 02:-2dB 03:-3dB 04:-4dB 05:-5dB 0A:-10dB 0F:-15dB 14:-20dB	No							
	FF:-oodB								
"UP"	sets LFE Mute Level Up	No							
"DOWN"	sets LFE Mute Level Down	No							
"QSTN"	gets The LFE Mute Level	No							
ACE" - All Ch	annel EQ for Temporary Value sets All Channel EQ for Temporary Value								_
cccdddeeefffgg(xxx=-18(-12.0dB)~000(0.0dB)~+18(+12.0dB) aaa:63Hz bbb:125Hz ccc:250Hz ddd:500Hz eee:1kHz fff:2kHz ggg:4kHz hh:8kHz iii:16kHz	No							
"QSTN"	gets The Phase Control	No							
	C Calibration								
"00"	not complete MCACC calibration	No							
"01" "QSTN"	complete MCACC calibration gets The MCACC calibration	No No							
	Ind MCACC Calibration	140	140	140	140	140	140	140	L
	not complete Fullband MCACC calibration or	No							
"00"	not have Fullband MCACC function	No							
"01"	complete Fullband MCACC calibration	No							
"QSTN"	gets The Fullband MCACC calibration	No							
	Optimizer / Sound Retriever	V	V	V	V	V	V	V	
"00" "01"	sets Music Optimizer Off sets Music Optimizer On	Yes Yes							
					Yes	Yes	Yes	Yes	
	sets Music Optimizer State Wran-Around I In	Yes	Yes	Yes	res				
"UP" "QSTN"	sets Music Optimizer State Wrap-Around Up gets The Music Optimizer State	Yes	Yes Yes	Yes	Yes	Yes	Yes	Yes	

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		TV ND54		TV ND04		TV NDT4			
		TX-NR51 00	DRX-2.4	TX-NR61 00	DRX-3.4	TX-NR71 00	TX-RZ50	DRX-5.4	
Code	Means								
	sets A/V Sync								
	s: sign ("+" or "-" or "0")								
"snnn"	If set minus value, s="-". (only HDMI Lipsync is available)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	If set plus value, s="+"								
	If set zero value, s="0"								
"UP"	nnn : value; If set 100msec, nnn="100"	V	V	V	V	V	V	V	
"UP" "DOWN"	sets A/V Sync is increased (step is depend on model) sets A/V Sync is decreased (step is depend on model)	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
"QSTN"	gets A/V Sync Value	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
ASC" - Audio									
"00"	sets Audio Scalar Auto	No	No	No	No	No	No	No	
"01" "UP"	sets Audio Scalar Manual sets Audio Scalar Wrap-Around	No No	No No	No No	No No	No No	No No	No No	
"QSTN"	gets The Audio Scalar State	No	No	No	No	No	No	No	
UPS" - Upsa	mpling								
"00"	sets Upsampling x1	No	No	No	No	No	No	No	
"01" "02"	sets Upsampling x2 sets Upsampling x4	No No	No No	No No	No No	No No	No No	No No	
"03"	sets Upsampling x8	No	No	No	No	No	No	No	
"UP"	sets Upsampling Wrap-Around	No	No	No	No	No	No	No	
"QSTN"	gets The Upsampling State	No	No	No	No	No	No	No	
HBT" - Hi-Bit		No	No	No	No	No	No	No	
"00" "01"	sets Hi-Bit Off sets Hi-Bit On	No	No	No	No	No	No	No	
"UP"	sets Hi-Bit Wrap-Around Up	No	No	No	No	No	No	No	
"QSTN"	gets The Hi-Bit State	No	No	No	No	No	No	No	
DGF" - Digita									
"00" "01"	sets Digital Filter Slow sets Digital Filter Sharp	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
"02"	sets Digital Filter Short	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"03"	sets Digital Filter Auto	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"UP"	sets Digital Filter Wrap-Around	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN"	gets The Digital Filter State Range Adjust	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"01"-"07"	sets Lock Range Adjust	No	No	No	No	No	No	No	
"UP"	sets Lock Range Adjust Up	No	No	No	No	No	No	No	
"Down"	sets Lock Range Adjust Down	No	No	No	No	No	No	No	
"QSTN" PBS" - P.BA	gets The Lock Range Adjust State	No	No	No	No	No	No	No	
"00"	sets P.BASS Off	No	No	No	No	No	No	No	
"01"	sets P.BASS On	No	No	No	No	No	No	No	
"UP"	sets P.BASS Wrap-Around Up	No	No	No	No	No	No	No	
"QSTN" SBS" - S.BA	gets The P.BASS State	No	No	No	No	No	No	No	
"00"	sets S.BASS Off	No	No	No	No	No	No	No	Г
"01"	sets S.BASS On	No	No	No	No	No	No	No	
"UP"	sets S.BASS Wrap-Around Up	No	No	No	No	No	No	No	
"QSTN"	gets The S.BASS State	No	No	No	No	No	No	No	
"00"	en Centered Dialog / Dialog Enhancement sets Dialog Enhancement Off	No	No	No	No	No	No	No	
"01"	sets Dialog Enhancement On	No	No	No	No	No	No	No	
"02"-"05"	sets Dialog Enhancement UP1-UP4	No	No	No	No	No	No	No	
"UP"	sets Dialog Enhancement Wrap-Around	No No	No No	No No	No No	No No	No No	No No	
"QSTN" CTS" - Cente	gets The Dialog Enhancement State er Spread for Dolby Surround	INO	140	140	INO	INO	140	INO	
"00"	sets Center Spread Off	No	No	No	No	No	No	No	
"01"	sets Center Spread On	No	No	No	No	No	No	No	
"TG"	sets Center Spread Wrap-Around	No	No	No	No No	No	No	No No	
"QSTN" PNR" - Pano	gets The Center Spread State	No	No	No	INO	No	No	INO	
"00"	sets Panorama Off	No	No	No	No	No	No	No	
"01"	sets Panorama On	No	No	No	No	No	No	No	
"TG"	sets Panorama Wrap-Around	No	No	No	No	No	No	No	
"QSTN" DMS" - Dime	gets The Panorama State	No	No	No	No	No	No	No	
-3"~"00"~"+3"		No	No	No	No	No	No	No	
"UP"	sets Dimension Up	No	No	No	No	No	No	No	
"DOWN"	sets Dimension Down	No	No	No	No	No	No	No	
"QSTN"	gets The Dimension State	No	No	No	No	No	No	No	
"00"~"07"	er Width for PLII Music sets Center Width	No	No	No	No	No	No	No	
"UP"	sets Center Width sets Center Width Up	No	No	No	No	No	No	No	
"DOWN"	sets Center Width Down	No	No	No	No	No	No	No	
"QSTN"	gets The Center Width State	No	No	No	No	No	No	No	
CTI" - Cente	r Image for Neo:6 Music sets Center Image	No	No	No	No	No	No	No	
"UP"	sets Center Image sets Center Image Up	No	No	No	No	No	No	No	
									i .

<u> Main-relate</u>	d Command Support List	2020	ı	1	ı	ı	1		
		TX-NR51 00	DRX-2.4	TX-NR61 00	DRX-3.4	TX-NR71 00	TX-RZ50	DRX-5.4	
Code	Means								
"QSTN"	gets The Center Image State	No	No	No	No	No	No	No	
'DLC" - Dialog	Control								
"00"~"+6"	sets Dialog Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"UP"	sets Dialog Control Up	Yes Yes	Yes	Yes Yes	Yes Yes	Yes	Yes Yes	Yes Yes	
"DOWN" "QSTN"	sets Dialog Control Down gets The Dialog Control State	Yes	Yes Yes	Yes	Yes	Yes Yes	Yes	Yes	
	Control Enabled	103	103	103	103	103	103	103	<u> </u>
"00"	Dialog Control is disabled	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"01"	Dialog Control is enabled	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN"	gets The Dialog Control Enabled State	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
SPI" - Speake	er Information	·	·		·	-			
	Speaker Information Status								
	a:Subwoofer 0:No,1:Yes/1ch,2:2ch								
	b:Front 1:Small,2:Large								
	c:Center 0:None,1:Small,2:Lage								
	d:Surround 0:None,1:Small,2:Lage								
	e:Surround Back 0:None,1:Small,2:Lage								
	f:Height 1 0:None,1:Small,2:Lage g:Height 2 0:None,1:Small,2:Lage								
abcdefghhhijk	hhh:Crossover 50,80,100,150,200,	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	i:Height 1 Position								
	0:No,1:FH,2:TF,3:TM,4:TR,5:RH,6:DD SP(F),7:DD								
	SP(S),8:DD SP(B) j:Height 2 Position								
	0:No,1:FH,2:TF,3:TM,4:TR,5:RH,6:DD SP(F),7:DD								
	SP(S),8:DD SP(B)								
	k:Bi-Amp 0:No,1:F,3:F+C,5:F+S,6:C+S,7:F+C+S								
"QSTN"	note The One should be supplied	V	V	V	V	V	V	V	
	gets The Speaker Information er Distance Command	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<u> </u>
эгр -эреак	Speaker Distance Status								_
	xxx=001-384 (0.01m - 9.00m unit is meters)								
	xxx=001-12C (0.1ft - 30.0ft unit is feet)								
	xxx=001-2D0 (0'0-1/2" - 30'0" unit is feet/inch)								
	for not exist channel is always 000.								
	M:MCACC Memory 1-3								
	u:Unit 0:feet,1:meters,2:feet/inch								
	aaa:Front Left								
	bbb:Front Right								
Iddeeefffggghhh	ddd:Surround Left	No	No	No	No	No	No	No	
	eee:Surround Right								
	fff:Surround Back Left								
	ggg:Surround Back Right								
	hhh:Subwoofer 1								
	iii:Height 1 Left jij:Height 1 Right								
	kkk:Height 2 Left								
	III:Height2 Right								
	mmm:Subwoofer 2								
"QSTN"	gets the Speaker Distance	No	No	No	No	No	No	No	<u> </u>
	Channel (Multiplex) / Dual Mono	No	No	No	No	No	No	Nio	
"00" "01"	sets DUAL MONO MAIN sets DUAL MONO SUB	No No	No No	No No	No No	No No	No No	No No	<u> </u>
"02"	sets DUAL MONO SUB sets DUAL MONO MAIN+SUB	No	No	No	No	No	No	No	
"UP"	sets Panorama Wrap-Around	No	No	No	No	No	No	No	
"QSTN"	gets The Panorama State	No	No	No	No	No	No	No	
LDM" - Loudr	ness Management								
"00"	sets Loudness Management Off	No	No	No	No	No	No	No	
"01"	sets Loudness management On	No	No	No	No	No	No	No	
"UP"	sets Panorama Wrap-Around	No No	No No	No No	No No	No No	No No	No No	
"QSTN"	gets The Panorama State plume / Input Volume Absorber	INU	INU	INU	INU	INU	INU	INU	<u> </u>
-18"-"00"-"+18"		No	No	No	No	No	No	No	
"UP"	sets IntelliVolume Up	No	No	No	No	No	No	No	
"DOWN"	sets IntelliVolume Down	No	No	No	No	No	No	No	
"QSTN"	gets The IntelliVolume State	No	No	No	No	No	No	No	
IRN" - Input S	selector Rename / Input Function Rename								
	sets Input Selector Name (10 characters)	NI-	NI-	NI-	NI-	NI-	NI-	NI-	
iixxxxxxxxx	ii: Selector Number (the same as for SLI command) xxxxxxxxxxx Name(Max 10 characters)	No	No	No	No	No	No	No	
FXP" - PCM F	ixxxxxxxxx: Name(Max 10 characters)	L	L	L	L	L	L		Ь
"00"	sets PCM Fixed Mode Off	No	No	No	No	No	No	No	
"01"	sets PCM Fixed Mode On	No	No	No	No	No	No	No	
"UP"	sets PCM Fixed Mode Wrap-Around	No	No	No	No	No	No	No	
"QSTN"	gets The PCM Fixed Mode State	No	No	No	No	No	No	No	
HST" - HDMI :	Standby Through								
xx	sets HDMI Standby Through xx=SLI Number	No	No	No	No	No	No	No	
"OFF"	sets HDMI Standby Through Off	No	No	No	No	No	No	No	

	d Command Support List	2020		1					
		TX-NR51	DRX-2.4	TX-NR61	DRX-3.4	TX-NR71	TX-RZ50	DRX-5.4	
		00		00		00			
Code	Means								
"LAST"	sets HDMI Standby Through Last	No	No	No	No	No	No	No	
"AT"	sets HDMI Standby Through Auto	No	No	No	No	No	No	No	
"ATE"	sets HDMI Standby Through Auto(Eco)	No No	No No	No No	No No	No No	No No	No No	
"QSTN"	sets HDMI Standby Through Wrap-Around gets The HDMI Standby Through State	No	No	No	No	No	No	No	
PQL" - PQLS			110	1.0				110	
"00"	sets PQLS Off	No	No	No	No	No	No	No	
"01"	sets PQLS On	No	No	No	No	No	No	No	
"UP"	sets PQLS Wrap-Around	No	No	No	No	No	No	No	
"QSTN"	gets The PQLS State	No	No	No	No	No	No	No	
ARC" - Audio	Return Channel								
"00"	sets Audio Return Channel Off	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"01"	sets Audio Return Channel Auto	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"UP"	sets Audio Return Channel Wrap-Around	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN"	gets The Audio Return Channel State	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<u>-PS" - Lip Sy</u> "00"	ync / Auto Delay sets Lip Sync Off	No	No	No	No	No	No	No	
"01"	sets Lip Sync On	No	No	No	No	No	No	No	
"UP"	sets Lip Sync On sets Lip Sync Wrap-Around	No	No	No	No	No	No	No	
"QSTN"	gets The Lip Sync State	No	No	No	No	No	No	No	
	Power Down								_
"00"	sets Auto Power Down Off	No	No	No	No	No	No	No	L
"01"	sets Auto Power Down On	No	No	No	No	No	No	No	
"UP"	sets Auto Power Down Wrap-Around	No	No	No	No	No	No	No	
"QSTN"	gets The Auto Power Down State	No	No	No	No	No	No	No	_
	mp Mode / AMP Mode			T					
"00"	sets Pre Amp Mode Off	No	No	No	No No	No	No	No	
"01" "03"	sets Pre Amp Mode Front	No No	No No	No No	No	No No	No No	No No	
"07"	sets Pre Amp Mode Front+Center sets Pre Amp Mode All	No	No	No	No	No	No	No	
"UP"	sets Auto Power Down Wrap-Around	No	No	No	No	No	No	No	
"QSTN"	gets The Auto Power Down State	No	No	No	No	No	No	No	
	mart Grid Command								
"01"	sets Volume 1dB down and Dimmer Level "Dark"	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"03"	sets Volume 3dB down and Dimmer Level "Dark"	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"06"	sets Volume 6dB down and Dimmer Level "Dark"	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
-WV" - Firm	vare Version								
e-fhik-Imno-qr	Firmware Version	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<mark>e-fhik-Imno-qr</mark> "QSTN"	gets The Firmware Version State	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
<mark>e-fhik-Imno-qr</mark> "QSTN"									
<mark>e-fhik-Imno-qr</mark> "QSTN"	gets The Firmware Version State Firmware Status								
<mark>e-fhik-Imno-qr</mark> "QSTN"	gets The Firmware Version State Firmware Status u: USB Firmware Status								
ce-fhik-Imno-qr "QSTN" FWU" - USB	gets The Firmware Version State Firmware Status	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<mark>e-fhik-Imno-qr</mark> "QSTN"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware								
ce-fhik-Imno-qr "QSTN" FWU" - USB	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware r: reserve x: USB Firmware Package Major Version	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
ce-fhik-Imno-qr "QSTN" FWU" - USB	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware r: reserve	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
ee-fhik-Imno-qr "QSTN" FWU" - USB urxyy	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware r: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
ee-fhik-Imno-qr "QSTN" FWU" - USB urxyy "QSTN"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware r: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
e-fhik-Imno-qr "QSTN" FWU" - USB urxyy "QSTN" "QSTN"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware r: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status	Yes Yes	Yes Yes	Yes Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes Yes	
e-fhik-Imno-qr "QSTN" -WU" - USB urxyy "QSTN" JPD" - Upda "NET"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware 7: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	
e-fhik-Imno-qr "QSTN" FWU" - USB urxyy "QSTN" "QSTN"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware 7: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB	Yes Yes	Yes Yes	Yes Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes Yes	
e-fhik-Imno-qr "QSTN" -WU" - USB urxyy "QSTN" JPD" - Upda "NET"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware 1: exist USB firmware v: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB nn Progress (%)	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	
e-fhik-Imno-qr "QSTN" -WU" - USB urxyy "QSTN" JPD" - Upda "NET"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware 7: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	
e-fhik-Imno-qr "QSTN" -WU" - USB urxyy "QSTN" JPD" - Upda "NET"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware 7: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB nn Progress (%) **=DL Downloading **=D1 DSP1	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	
e-fhik-Imno-qr "QSTN" -WU" - USB urxyy "QSTN" JPD" - Upda "NET"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware 1: exist USB firmware 7: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB nn Progress (%) ***=DL Downloading **=NT Arm writing **=D2 DSP2	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	
"QSTN" "QSTN" "USB urxyy "QSTN" "QSTN" "USB"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware r: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB nn Progress (%) "=DL Downloading "=NT Arm writing "=D1 DSP1 "=D2 DSP2 "=D3 DSP3	Yes Yes Yes No	Yes Yes Yes No	Yes Yes Yes No	Yes Yes Yes No				
e-fhik-Imno-qr "QSTN" -WU" - USB urxyy "QSTN" JPD" - Upda "NET"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware 7: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB nn Progress (%) ***=DL Downloading ***=NT Arm writing ***=D1 DSP1 ***=D2 DSP2 ***=D3 DSP3 ***=VM VMPU	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	
e-fhik-Imno-qr "QSTN" FWU" - USB urxyy "QSTN" JPD" - Upda "NET" "USB"	gets The Firmware Version State Firmware Status U: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware 1: exist USB firmware 7: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB nn Progress (%) ***=DL Downloading ***=NT Arm writing ***=D1 DSP1 ***=D2 DSP2 ***=D3 DSP3 ***=VM VMPU ***=O SDD	Yes Yes Yes No	Yes Yes Yes No	Yes Yes Yes No	Yes Yes Yes No				
e-fhik-Imno-qr "QSTN" FWU" - USB urxyy "QSTN" JPD" - Upda "NET" "USB"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware 7: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB nn Progress (%) ***=DL Downloading ***=NT Arm writing ***=D1 DSP1 ***=D2 DSP2 ***=D3 DSP3 ***=VM VMPU	Yes Yes Yes No	Yes Yes Yes No	Yes Yes Yes No	Yes Yes Yes No				
e-fhik-Imno-qr "QSTN" FWU" - USB urxyy "QSTN" JPD" - Upda "NET" "USB"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB Firmware Package Major Version 1: USB Firmware Package Minor Version 1: USB Firmware Package Minor Version 1: USB Firmware Status 1: USB Firmware Package Minor Version 1: USB Firmware 1: USB Firmware 1: Exist USB Firmware 1: USB Firmware 1: USB Firmware 1: USB Firmware 1: Exist USB Firmware 1: USB Firmware 1: USB Firmware 1: USB Firmware 1: Exist USB Firmware 1: USB Firmwar	Yes Yes Yes No	Yes Yes Yes No	Yes Yes Yes No	Yes Yes Yes No				
e-fhik-Imno-qr "QSTN" FWU" - USB urxyy "QSTN" JPD" - Upda "NET" "USB"	gets The Firmware Version State Firmware Status U: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware 7: reserve X: USB Firmware Package Major Version Yy: USB Firmware Package Minor Version gets The USB Firmware Status te Start Device Update via Network Start Device Update via USB nn Progress (%) ***=DL Downloading ***=NT Arm writing ***=DL DSP1 ***=D2 DSP2 ***=D3 DSP3 ***=VM VMPU ***=OS OSD ***=MP MMPU Progress表示に対応していない場合は下記文字列固定とする	Yes Yes Yes No	Yes Yes Yes No	Yes Yes Yes No	Yes Yes Yes No				
ee-fhik-Imno-qr "QSTN" FWU" - USB urxyy "QSTN" JPD" - Upda "NET" "USB"	gets The Firmware Version State Firmware Status U: USB Firmware Status O: not exist USB firmware 1: exist USB firmware 7: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB nn Progress (%) **=DL Downloading **=NT Arm writing **=D1 DSP1 **=D2 DSP2 **=D3 DSP3 **=VM VMPU **=OS OSD **=MP MMPU Progress表示に対応していない場合は下記文字列固定とする xx-xx	Yes Yes Yes No Yes	Yes Yes Yes No Yes	Yes Yes Yes No Yes	Yes Yes Yes No Yes				
e-fhik-Imno-qr "QSTN" FWU" - USB urxyy "QSTN" JPD" - Upda "NET" "USB"	gets The Firmware Version State Firmware Status U: USB Firmware Status O: not exist USB firmware 1: exist USB firmware 7: reserve X: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB nn Progress (%) ***=DL Downloading ***=DL Downloading ***=DL DSP1 ***=DL DSP2 ***=D3 DSP3 ***=VM VMPU ***=OS OSD ***=MP MMPU Progress表示に対応していない場合は下記文字列固定とする xx-xx Device Update is completed	Yes Yes Yes No	Yes Yes Yes No	Yes Yes Yes No	Yes Yes Yes No				
ee-fhik-Imno-qr "QSTN" FWU" - USB urxyy "QSTN" JPD" - Upda "NET" "USB"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware 1: exist USB firmware 1: exist USB firmware 2: reserve 2: USB Firmware Package Major Version 3: USB Firmware Package Minor Version 3: USB Firmware Package Minor Version 3: USB Firmware Package Minor Version 4: USB Firmware Status 4: USB Firmware Status 5: USB Firmware Status 5: USB Firmware Status 6: USB Firmware Status 6: USB Firmware Status 7: USB Firmware Status 7: USB Firmware Package Minor Version 7: USB Firmware Package Minor Versio	Yes Yes Yes No Yes	Yes Yes Yes No Yes	Yes Yes Yes No Yes	Yes Yes Yes No Yes				
e-fnik-Imno-qr "QSTN" FWU" - USB urxyy "QSTN" JPD" - Upda "NET" "USB" "D**-nn"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware 1: exist USB firmware 7: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB nn Progress (%) ****—DL Downloading ****—NT Arm writing ****=DI DSP1 ****=D2 DSP2 ****=D3 DSP3 ****=VM VMPU ****=OS OSD ***=MP MMPU Progress表示に対応していない場合は下記文字列固定とする xx-xx Device Update is completed xx=ErrorCode1 yy=ErrorCode2	Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	
ee-fhik-Imno-qr "QSTN" FWU" - USB urxyy "QSTN" JPD" - Upda "NET" "USB" "D**-nn" "CMP" "Exx-yy"	gets The Firmware Version State Firmware Status U: USB Firmware Status O: not exist USB firmware 1: exist USB firmware 7: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB nn Progress (%) **=DL Downloading ***=NT Arm writing **=D1 DSP1 **=D2 DSP2 **=D3 DSP3 **=VM VMPU **=OS OSD **=MP MMPU Progress表示に対応していない場合は下記文字列固定とする xx-xx Device Update is completed xx=ErrorCode1 yy=ErrorCode2 not exist new firmware	Yes	Yes	Yes	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes	
ee-fhik-Imno-qr "QSTN" FWU" - USB urxyy "QSTN" JPD" - Upda "NET" "USB" "D**-nn" "CMP" "Exx-yy" "FF" "00"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware 1: exist USB firmware 1: exist USB firmware 1: exist USB Firmware 2: USB Firmware Package Major Version 3: USB Firmware Package Minor Version 3: USB Firmware Package Minor Version 3: USB Firmware Package Minor Version 4: USB Firmware Status 5: USB Firmware Status 5: USB Firmware Status 6: USB Firmware Status 7: U	Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	
ee-fhik-Imno-qr "QSTN" FWU" - USB urxyy "QSTN" JPD" - Upda "NET" "USB" "D**-nn" "CMP" "Exx-yy"	gets The Firmware Version State Firmware Status u: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware 1: exist USB firmware 7: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB nn Progress (%) ***=DL Downloading ***=NT Arm writing ***=D1 DSP1 ***=D2 DSP2 ***=D3 DSP3 ***=VM VMPU ***=OS OSD ***=MP MMPU Progress表示に対応していない場合は下記文字列固定とする xx-xx Device Update is completed xx=ErrorCode1 yy=ErrorCode2 not exist new firmware	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN" FWU" - USB "QSTN" "QSTN" "QSTN" JPD" - Upda "NET" "USB" "D**-nn" "CMP" "Exx-yy" "FY" "00" "01"	gets The Firmware Version State Firmware Status U: USB Firmware Status 0: not exist USB firmware 1: exist USB firmware 1: exist USB firmware 7: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB nn Progress (%) ****—DL Downloading ****—NT Arm writing ****—DL DSP1 ***—DD DSP1 ***—DD DSP2 ****—DA DSP2 ****—DA DSP3 ****—WM VMPU ***—OS OSD ***=MP MMPU Progress表示に対応していない場合は下記文字列固定とする xx-xx Device Update is completed xx=ErrorCode1 yy=ErrorCode2 not exist new firmware exist new firmware (Update Notice Normal) exist new firmware(Update Notice Force)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN" "QSTN" "QSTN" "QSTN" "UFD" - Upda "NET" "USB" "D**-nn" "CMP" "Exx-yy" "FF" "00" "01" "02" "QSTN"	gets The Firmware Version State Firmware Status U: USB Firmware Status O: not exist USB firmware 1: exist USB firmware 1: exist USB firmware r: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB nn Progress (%) **=DL Downloading ***=NT Arm writing **=D1 DSP1 **=D2 DSP2 **=D3 DSP3 **=VM VMPU **=OS OSD **=MP MMPU Progress表示に対応していない場合は下記文字列固定とする xx-xx Device Update is completed xx=ErrorCode1 yy=ErrorCode2 not exist new firmware exist new firmware exist new firmware(Update Notice Normal) exist new firmware(Update Notice Force) gets exist new firmware	Yes	Yes	Yes Yes Yes Yes Yes Yes Yes Yes	Yes	Yes	Yes	Yes	
"QSTN" FWU" - USB urxyy "QSTN" FWU" - USB urxyy "QSTN" JPD" - Upda "NET" "USB" "D**-nn" "CMP" "Ex-yy" "FF" "00" "01" "02"	gets The Firmware Version State Firmware Status U: USB Firmware Status O: not exist USB firmware 1: exist USB firmware 1: exist USB firmware r: reserve x: USB Firmware Package Major Version yy: USB Firmware Package Minor Version gets The USB Firmware Status te start Device Update via Network start Device Update via USB nn Progress (%) **=DL Downloading ***=NT Arm writing **=D1 DSP1 **=D2 DSP2 **=D3 DSP3 **=VM VMPU **=OS OSD **=MP MMPU Progress表示に対応していない場合は下記文字列固定とする xx-xx Device Update is completed xx=ErrorCode1 yy=ErrorCode2 not exist new firmware exist new firmware exist new firmware(Update Notice Normal) exist new firmware(Update Notice Force) gets exist new firmware	Yes	Yes	Yes Yes Yes Yes Yes Yes Yes Yes	Yes	Yes	Yes	Yes	

a 1 01ato	d Command Support List	2020							
		TX-NR51 00	DRX-2.4	TX-NR61 00	DRX-3.4	TX-NR71 00	TX-RZ50	DRX-5.4	
Code	Means								
"Ullt<>"	U: UI Type 0: List, 1: Menu, 2: Playback, 3: Popup, 4: Keyboar II -> number of layer (00-FF) t: Update Type 0: All, 1: Button, 2: Textbox, 3: Listbox <>: XML data ([CR] and [LF] are removed)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	heets of popup xml, custom popup, overlay popup, and o	disclaime	r						
"F-99C-99"- "F999C999"	The temperature Data(Fahrenheit and Celsius) 0 – 999 "F-99C-73": -99 degree Fahrenheit / -73 degree Celsius "F 32C 0": 32 degree Fahrenheit / 0 degree Celsius "F 32C 0": 32 degree Fahrenheit / 5 degree Celsius "F 41C 5": 41 degree Fahrenheit / 5 degree Celsius "F 50C 10": 50 degree Fahrenheit / 10 degree Celsius "F12C 50": 122 degree Fahrenheit / 50 degree Celsius "F212C100": 212 degree Fahrenheit / 100 degree Celsius "F302C150": 302 degree Fahrenheit / 150 degree Celsius Reference Information: Yellow Zone: "F150C 66" or more & "F210C 99" or less Red Zone:" F212C100" or more [Only for TX-RZ920, DRX-7.1/R1.1, DRC-R1.1]	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN"	Yellow Zone: "F176C 80" or more & "F246C119" or less Red Zone: "F248C120" or more	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	gets the Temperature Data g Command (Include Tuner Pack Model Only)	res	res	res	res	res	res	res	
"nnnnn"	sets Directly Tuning Frequency (FM nnn.nn MHz / AM nnnnn kHz / SR nnnnn ch) put 0 in the first two digits of nnnnn at SR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"BAND"	Change BAND	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"DIRECT"	starts/restarts Direct Tuning Mode	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
"0" "1"	sets 0 in Direct Tuning Mode sets 1 in Direct Tuning Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"2"	sets 2 in Direct Tuning Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"3"	sets 3 in Direct Tuning Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"4" "5"	sets 4 in Direct Tuning Mode sets 5 in Direct Tuning Mode	Yes Yes	Yes Yes	Yes Yes	Yes	Yes	Yes Yes	Yes Yes	
 "6"	sets 6 in Direct Tuning Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"7"	sets 7 in Direct Tuning Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"8"	sets 8 in Direct Tuning Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"9" "UP"	sets 9 in Direct Tuning Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	sets Tuning Frequency Wrap Around Up		Voc	Vac	Vac				
	sets Tuning Frequency Wrap-Around Up	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
"DOWN" "QSTN"	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency	Yes Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes		Yes	
"DOWN" "QSTN" EX: FM 100.5 MI EX: FM 90.05 MI EX: FM 90.00 MI EX: FM 90.00 MI EX: FM 91.30 KH EX: AM 1341 KH "PRS" - Prese	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SL!24][!1TUNDI Hz(50kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC Hz(50kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(10kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT][!t t Command (Include Tuner Pack Model Only)	Yes Yes Yes IRECT][!1 CT][!1TUN T][!1TUN9 T][!1TUN9 [!1TUN1][!	Yes Yes 1TUN1][!1 N1][!1TUN 9][!1TUN0 9][!1TUN2] [!1TUN3][!	Yes Yes TUN0][!1 I0][!1TUN 0][!1TUN0 0][!1TUN3] 1TUN4][!	Yes Yes TUN0][!1' 0][!1TUN]][!1TUN0	Yes Yes TUN5] 5][!1TUN!	Yes Yes	Yes Yes Yes	
"DOWN" "QSTN" Ex: FM 100.5 Mi x: FM 100.55 N Ex: FM 90.0 Mi Ex: FM 90.0 Mi Ex: AM 1230 kH Ex: AM 1341 kH PRS" - Prese "01"-"28"	sets Tuning Frequency Wrap-Around Down Jests The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SLI24][!1TUNDI MHz(50kHz Step) Direct Tuning is [!1SLI24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SLI24][!1TUNDIREC Hz(50kHz Step) Direct Tuning is [!1SLI24][!1TUNDIREC z(10kHz Step) Direct Tuning is [!1SLI25][!1TUNDIRECT][z(9kHz Step) Direct Tuning is [!1SLI25][!1TUNDIRECT][t Command (Include Tuner Pack Model Only) sets Preset No. 1 - 40 (In hexadecimal representation)	Yes Yes Yes IRECT][!1 CT][!1TUN T][!1TUN9 T][!1TUN9 [!1TUN1] !1TUN1][!	Yes Yes 1TUN1][!1 N1][!1TUN 9][!1TUN0 9][!1TUN0 [!1TUN2][! 1TUN3][!	Yes Yes TUN0][!1 10][!1TUN0][!1TUN0][!1TUN0 [!1TUN3] 1TUN4][!	Yes Yes TUN0][!1' 0][!1TUN]][!1TUN0 1TUN1] Yes	Yes Yes TUN5] 5][!1TUN!	Yes Yes Yes Yes	Yes Yes Yes Yes	
"DOWN" "QSTN" EX: FM 100.5 MI EX: FM 90.05 MI EX: FM 90.00 MI EX: FM 90.00 MI EX: AM 1230 KH EX: AM 1341 KH "PRS" - Prese	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SL!24][!1TUNDI Hz(50kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC Hz(50kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(10kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT][!t t Command (Include Tuner Pack Model Only)	Yes Yes Yes IRECT][!1 CT][!1TUN T][!1TUN9 T][!1TUN9 [!1TUN1][!	Yes Yes 1TUN1][!1 N1][!1TUN 9][!1TUN0 9][!1TUN2] [!1TUN3][!	Yes Yes TUN0][!1 I0][!1TUN 0][!1TUN0 0][!1TUN3] 1TUN4][!	Yes Yes TUN0][!1' 0][!1TUN]][!1TUN0	Yes Yes TUN5] 5][!1TUN!	Yes Yes	Yes Yes Yes	
"DOWN" "QSTN" Ex: FM 100.5 M Ex: FM 90.0 MH. Ex: FM 90.0 MH. Ex: AM 1230 kH. Ex: AM 1341 kH. Ex: AM 1341 kH. Ex: M 120 kH. Ex: M 190.0 MH. Ex:	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SL!24][!1TUNDI Hz(50kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC tz(50kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC tz(10kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT][t t Command (Include Tuner Pack Model Only) sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. Wrap-Around Up sets Preset No. Wrap-Around Down	Yes Yes Yes Yes Yes IRECT][!1 TT][!1TUNG][!1TUNS] [!1TUN1][! 1TUN1][! Yes No Yes Yes	Yes Yes ITUN1][!1TUN 9][!1TUNC 9][!1TUNC [!1TUN2][! 1TUN3][! Yes No Yes Yes	Yes Yes TUN0][:1 10][:1TUN0][:1TUN0][:1TUN0][:1TUN3] 1TUN4][: Yes No Yes Yes	Yes Yes TUN0][11 0][11TUN]] [11TUN0 1TUN1] Yes No Yes Yes	Yes Yes TUN5] [11TUN:] Yes No Yes Yes	Yes Yes Yes No Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes	
"DOWN" "QSTN" Ex: FM 100.5 M Ex: FM 90.0 MH Ex: FM 90.0 MH Ex: FM 90.0 MH Ex: FM 91.0 MH Ex: FM 91.0 MH Ex: AM 1341 kH PRS" - Prese "01"-"28" "01"-"1E" "UP" "DOWN" "QSTN"	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SL!24][!1TUNDI MHz(50kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC tz(50kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(10kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT][t Command (Include Tuner Pack Model Only) sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. Wrap-Around Up sets Preset No. Wrap-Around Down gets The Preset No.	Yes Yes Yes Yes Yes RECT][!1TUN T][!1TUNS T][!1TUNS] T][!1TUN1][! Yes No Yes Yes Yes	Yes Yes 1TUN1][!1 N1][!1TUN0 9][!1TUN0 9][!1TUN2] [!1TUN3][! Yes No Yes	Yes Yes TUN0][!1 I0][!1TUN0][!1TUN0][!1TUN0 [!1TUN3] 1TUN4][! Yes No Yes	Yes Yes TUN0][!1 0][!1TUN]][!1TUN0 ITUN1] Yes No Yes	Yes Yes TUN5] 5][!1TUN!] Yes No Yes	Yes Yes Yes No Yes	Yes Yes Yes Yes No Yes	
"DOWN" "QSTN" ix: FM 100.5 Mi ix: FM 90.0 MH ix: FM 90.0 MH ix: FM 90.0 MH ix: AM 1230 kH PRS" - Prese "01"-"28" "01"-"1E" "UP" "DOWN" "QSTN"	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SL!24][!1TUNDI Hz(50kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC tz(50kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC tz(10kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT][t t Command (Include Tuner Pack Model Only) sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. Wrap-Around Up sets Preset No. Wrap-Around Down	Yes Yes Yes Yes Yes RECT][!1TUN T][!1TUNS T][!1TUNS] T][!1TUN1][! Yes No Yes Yes Yes	Yes Yes ITUN1][!1TUN 9][!1TUNC 9][!1TUNC [!1TUN2][! 1TUN3][! Yes No Yes Yes	Yes Yes TUN0][:1 10][:1TUN0][:1TUN0][:1TUN0][:1TUN3] 1TUN4][: Yes No Yes Yes	Yes Yes TUN0][11 0][11TUN]] [11TUN0 1TUN1] Yes No Yes Yes	Yes Yes TUN5] [11TUN:] Yes No Yes Yes	Yes Yes Yes No Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes	
"DOWN" "QSTN" Ex: FM 100.5 M Ex: FM 90.0 MH Ex: FM 90.0 MH Ex: AM 1230 kH Ex: AM 1341 kH "PRS" - Prese "01"-"28" "01"-"1E" "DOWN" "QSTN" "PRM" - Prese "01"-"28" "01"-"1E"	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SL!24][!1TUNDI Hz(50kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC tz(50kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC tz(10kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT][t t Command (Include Tuner Pack Model Only) sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. Wrap-Around Up sets Preset No. Wrap-Around Down gets The Preset No. tt Memory Command (Include Tuner Pack Model sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 40 (In hexadecimal representation)	Yes Yes Yes Yes Yes RECT][!1TUN T][!1TUNS T][!1TUNS] T][!1TUN1][! Yes No Yes Yes Yes Yes	Yes Yes Yes 1TUN1][!1TUN 1][!1TUNC 1][!1TUNC 1][!1TUNC][!1TUNC] 1:1TUN3][! Yes No Yes Yes Yes	Yes Yes Yes TUN0][11 10][11TUN0][11TUN0][1TUN3] 1TUN4][1 Yes No Yes Yes Yes	Yes Yes Yes TUN0][!1' 0][!1TUN]] [!1TUN0 ITUN1] Yes No Yes Yes Yes	Yes Yes TUN5] 5][!1TUN5] Yes No Yes Yes Yes	Yes Yes Yes No Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes No Yes Yes Yes Yes	
"DOWN" "QSTN" Ex: FM 100.5 M Ex: FM 90.0 MH Ex: FM 90.0 MH Ex: FM 90.0 MH Ex: FM 90.0 MI Ex: AM 1230 kH Ex: AM 1341 kH "PRS" - Prese "01"-"28" "01"-"1E" "DOWN" "QSTN" "PRM" - Prese "01"-"28" "01"-"1E" "01"-"1E" "RDS" - RDS I "00"	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SLI24][!1TUNDI Hz(50kHz Step) Direct Tuning is [!1SLI24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SLI24][!1TUNDIREC tz(50kHz Step) Direct Tuning is [!1SLI24][!1TUNDIREC z(10kHz Step) Direct Tuning is [!1SLI25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SLI25][!1TUNDIRECT] t Command (Include Tuner Pack Model Only) sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. Wrap-Around Up sets Preset No. Wrap-Around Down gets The Preset No. tt Memory Command (Include Tuner Pack Model sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) Display RT Information*1	Yes	Yes Yes Yes TUN1][:1 17][:11TUN2] 11TUN2][:11TUN2][:11TUN3][:1 Yes No Yes Yes No Yes Yes No Yes	Yes Yes Yes TUN0][11 0][11TUN0 0][11TUN0 0][11TUN0 1][11TUN0] 11TUN4][1 Yes No Yes Yes Yes No	Yes Yes Yes TUN0][!1' 0][!1TUN0] [!1TUN0 ITUN1] Yes No Yes Yes Yes No Yes	Yes Yes Yes TUNS [] Yes No Yes Yes Yes No Yes Yes No Yes	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes No Yes Yes	
"DOWN" "QSTN" Ex: FM 100.5 M Ex: FM 90.0 MH Ex: FM 90.0 MH Ex: FM 90.0 MH Ex: AM 1230 kH Ex: AM 1341 kH "PRS" - Prese "01"-"28" "01"-"1E" "UP" "OSTN" "PRM" - Prese "01"-"28" "01"-"1E" "RDS" - RDS I "00" "01"	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(10kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] t Command (Include Tuner Pack Model Only) sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. Wrap-Around Up sets Preset No. Wrap-Around Down gets The Preset No. tt Memory Command (Include Tuner Pack Model sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) Sets Preset No. 1 - 30 (In hexadecimal representation) Information Command (RDS Model Only) Display RT Information*1	Yes Yes Yes IRECT][!1TUN T][!1TUNS T][!1TUNS T][!1TUN1][! TUN1][! Yes No Yes Yes Only) Yes No	Yes Yes Yes Yes TUN1][:1 Yes	Yes Yes Yes Yes TUN0][11 0][11TUN0 0][11TUN0 0][11TUN0] 1TUN4][1 Yes No Yes Yes Yes No Yes Yes No Yes Yes	Yes Yes Yes TUN0][11 0][11TUN0] [11TUN1] Yes No Yes Yes Yes No Yes Yes Yes Yes	Yes Yes Yes TUNS [] Yes No Yes Yes Yes No Yes Yes Yes No Yes Yes Yes	Yes Yes No Yes Yes No Yes Yes No Yes Yes Yes No Yes Yes Yes	Yes Yes Yes No	
"DOWN" "QSTN" Ex: FM 100.5 M Ex: FM 90.0 MH Ex: FM 90.0 MH Ex: FM 90.0 WH Ex: AM 1230 kH Ex: AM 1341 kH "PRS" - Prese "01"-"28" "01"-"1E" "DOWN" "QSTN" "PRM" - Prese "01"-"28" "01"-"1E" "O" "01"-"1E" "RDS" - RDS I "01" "02"	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(10kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) isto Preset No. 1 - 30 (In hexadecimal representation) information Command (RDS Model Only) Display RT Information Display TP Information	Yes	Yes Yes Yes TUN1][:1 17][:11TUN2] 11TUN2][:11TUN2][:11TUN3][:1 Yes No Yes Yes No Yes Yes No Yes	Yes Yes Yes TUN0][11 0][11TUN0 0][11TUN0 0][11TUN0 1][11TUN0] 11TUN4][1 Yes No Yes Yes Yes No	Yes Yes Yes TUN0][!1' 0][!1TUN]	Yes Yes Yes TUNS [] Yes No Yes Yes Yes No Yes Yes No Yes	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes No Yes Yes	
"DOWN" "QSTN" "SX: FM 100.5 M EX: FM 100.55 N EX: FM 90.0 MH. EX: FM 90.00 MH. EX: FM 91.00 MH. EX: AM 1334 KH. EX: AM 1341 KH. "PRS" - Prese "01"-"28" "01"-"1E" "DOWN" "QSTN" "PRM" - Prese "01"-"28" "01"-"1E" "NO" "01"-"1E" "00" "01" "02" "UP"	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(10kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] t Command (Include Tuner Pack Model Only) sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. Wrap-Around Up sets Preset No. Wrap-Around Down gets The Preset No. tt Memory Command (Include Tuner Pack Model sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) Sets Preset No. 1 - 30 (In hexadecimal representation) Information Command (RDS Model Only) Display RT Information*1	Yes Yes Yes Yes IRECT][:1TUN T][:1TUNS T][:1TUNS T][:1TUN1][:1	Yes	Yes Yes Yes TUN0][11 [10][11TUN0][11TUN0] [11TUN3] 1TUN4][1 Yes No Yes Yes Yes No Yes No No	Yes Yes Yes TUN0][!1* O][!1TUN]] [!1TUN0 ITUN1] Yes No Yes Yes Yes No Yes No Yes No	Yes Yes Yes TUN5] Yes No Yes Yes Yes No Yes No Yes No No Yes No No	Yes Yes Yes No Yes Yes Yes Yes No Yes No Yes No No Yes No	Yes Yes Yes No Yes Yes No Yes Yes No Yes No No No No No No No No No	
"DOWN" "QSTN" Ex: FM 100.5 M Ex: FM 90.0 MH Ex: FM 90.0 MH Ex: FM 90.0 MH Ex: FM 90.0 MH Ex: AM 1230 kH Ex: AM 1341 kH "PRS" - Prese "01"-"1E" "UP" "OSTN" "QSTN" "PRM" - Prese "01"-"1E" "RDS" - RDS I "00" "01" "02" "UP" "PTS" - PTY S "01"-"1D"	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT][zets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. Wrap-Around Down gets The Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) nformation Command (RDS Model Only) Display RT Information Display RD Information Display RD Information Wrap-Around Change ccan Command (RDS Model Only) sets PTY No "1 - 29" (In hexadecimal representation)	Yes Yes Yes IRECT][!1TUN T][!1TUNS T][!1TUNS T][!1TUN1][! TUN1][! Yes No Yes Yes Only) Yes No No No No No No No	Yes Yes Yes Yes TUN1]:11 1/1]:	Yes Yes Yes TUN0][11 J0][11TUN0 J0][11TUN0 J1][11TUN0 J1][11TUN0 J1TUN4][1 Yes No Yes Yes Yes No Yes Yes No Yes Yes Yes No Yes Yes Yes	Yes Yes Yes TUN0][!1' 0][!1TUN0] [!1TUN1] Yes No Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes No Yes Yes	Yes Yes Yes TUN5] Yes No Yes Yes Yes No Yes No Yes No No Yes No No	Yes Yes Yes No Yes Yes Yes Yes No Yes No Yes No No Yes No	Yes Yes Yes No Yes Yes No Yes Yes No Yes No	
"DOWN" "QSTN" "QSTN" EX: FM 100.5 Mi EX: FM 90.0 MH. EX: FM 90.0 MH. EX: FM 90.10 MH. EX: AM 1341 kH. EX: A	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(10kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. Wrap-Around Down gets The Preset No. Urap-Around Down gets The Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) information Command (Include Tuner Pack Model sets Preset No. 1 - 30 (In hexadecimal representation) Display RT Information Display PTY Information Display RDS Information Wrap-Around Change ican Command (RDS Model Only) Sets PTY No "1 - 29" (In hexadecimal representation) Finish PTY Scan	Yes Yes Yes Yes IRECT][!1TUN T][!1TUNS T][!1TUN1][! Yes No Yes Yes Yes Yes Yes No No No No No	Yes Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes No Yes Yes No Yes Yes Yes No Yes Yes	Yes Yes Yes TUN0][11 00][11TUN0)[11TUN0)[11TUN0] 11TUN4][1 Yes No Yes Yes Yes No Yes No Yes Yes No Yes	Yes Yes Yes TUN0][!1' 0][!1TUN]	Yes Yes Yes TUN5 [] Yes No Yes Yes Yes Yes No Yes Yes No Yes Yes Yes Yes Yes Yes Yes	Yes Yes No Yes Yes No Yes Yes Yes No Yes Yes No Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes No Yes Yes Yes Yes Yes No Yes Yes No Yes Yes No Yes Yes No Yes	
"DOWN" "QSTN" "QSTN" EX: FM 100.5 Mi EX: FM 90.0 MH. EX: FM 90.0 MH. EX: FM 90.10 MH. EX: AM 1341 kH. EX: A	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(10kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT][t Command (Include Tuner Pack Model Only) sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. Wrap-Around Down gets The Preset No. t Memory Command (Include Tuner Pack Model sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) information Command (RDS Model Only) Display RT Information Display RDS Information Display RDS Information Wrap-Around Change can Command (RDS Model Only) sets PTY No "1 - 29" (In hexadecimal representation) Finish PTY Scan an Command (RDS Model Only)	Yes Yes Yes Yes IRECT][!1TUN T][!1TUNS T][!1TUNS T][!1TUN1][! TON Yes Yes Yes Yes Yes No No No No No No No	Yes Yes Yes Yes Yes Yes Yes Yes No Yes No Yes	Yes Yes Yes TUN0][11 [10][11TUN0][11TUN0] [11TUN0] [11TUN3] TTUN4][1 Yes No Yes Yes Yes No Yes No Yes Yes No Yes Yes No Yes	Yes Yes Yes TUN0][!1' 0][!1TUN]	Yes Yes Yes TUN5] Yes Solidation Yes Yes Yes No Yes No Yes Yes No Yes Yes No Yes Yes	Yes Yes Yes No Yes No Yes	Yes Yes Yes No Yes Yes No Yes No Yes Yes No Yes Yes No Yes No Yes Yes No Yes	
"DOWN" "QSTN" "GSTN" EX: FM 100.5 M EX: FM 90.0 MH. EX: FM 90.00 MH. EX: AM 1230 MH. EX: AM 1341 kH. PRS" - Prese "01"-"28" "01"-"1E" "UP" "DOWN" "QSTN" PRS" - Prese "01"-"28" "01"-"28" "01"-"28" "01"-"1E" "00" "01" "02" "UP" "UP" "UP" "TS" - PTY S "01"-"1D" "01"-"1D" "ENTER" "TPS" - TP SC	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SLI24][!1TUNDIREC tz(100kHz Step) Direct Tuning is [!1SLI24][!1TUNDIREC tz(100kHz Step) Direct Tuning is [!1SLI24][!1TUNDIREC tz(100kHz Step) Direct Tuning is [!1SLI24][!1TUNDIREC tz(10kHz Step) Direct Tuning is [!1SLI25][!1TUNDIRECT] tz(9kHz Step) Direct Tuning is [!1SLI25][!1TUNDIRECT][t t Command (Include Tuner Pack Model Only) sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. Wrap-Around Up sets Preset No. Wrap-Around Down gets The Preset No. tt Memory Command (Include Tuner Pack Model sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) Display RD Information Display RDS Information Display RDS Information Wrap-Around Change can Command (RDS Model Only) sets PTY No "1 - 29" (In hexadecimal representation) Finish PTY Scan an Command (RDS Model Only)	Yes Yes Yes Yes IRECT][!1TUN T][!1TUNS T][!1TUN1][! 11TUN1][! Yes No Yes Yes Yes Yes Yes No	Yes Yes Yes Yes Yes TUN1][:1 TUN2][:1 TUN2][:1 TUN2][:1 TUN3][: Yes No Yes	Yes Yes Yes TUN0][11 UN0][11TUN0][11TUN0] [11TUN0] [11TUN0] [11TUN0] Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes No No Yes	Yes Yes Yes TUN0][!1' 0][!1TUN0]] [!1TUN0 ITUN1] Yes No Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes No No Yes Yes Yes	Yes Yes Yes TUN5] Yes S][I1TUN5] Yes No Yes	Yes Yes Yes No Yes	Yes Yes Yes No Yes Yes No Yes Yes Yes No Yes Yes No No Yes No Yes No No Yes	
"DOWN" "QSTN" EX: FM 100.5 Mi EX: FM 90.0 MH. EX: FM 90.0 MI EX: AM 1230 kH. EX: AM 1241 kH. EX: AM 1241 kH. EX: AM 125 MI EX: AM 125 MI EX: AM 125 MI EX: AM 126 MI EX: AM 126 MI EX: AM 126 MI EX: AM 127 MI E	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(10kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT][t Command (Include Tuner Pack Model Only) sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. Wrap-Around Down gets The Preset No. t Memory Command (Include Tuner Pack Model sets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) sets Preset No. 1 - 30 (In hexadecimal representation) information Command (RDS Model Only) Display RT Information Display RDS Information Display RDS Information Wrap-Around Change can Command (RDS Model Only) sets PTY No "1 - 29" (In hexadecimal representation) Finish PTY Scan an Command (RDS Model Only)	Yes Yes Yes Yes IRECT][!1TUN T][!1TUNS T][!1TUNS T][!1TUN1][! TON Yes Yes Yes Yes Yes No No No No No No No	Yes Yes Yes Yes Yes Yes Yes Yes No Yes No Yes	Yes Yes Yes TUN0][11 [10][11TUN0][11TUN0] [11TUN0] [11TUN3] TTUN4][1 Yes No Yes Yes Yes No Yes No Yes Yes No Yes Yes No Yes	Yes Yes Yes TUN0][!1' 0][!1TUN]	Yes Yes Yes TUN5] Yes Solidation Yes Yes Yes No Yes No Yes Yes No Yes Yes No Yes Yes	Yes Yes Yes No Yes No Yes	Yes Yes Yes No Yes Yes No Yes No Yes Yes No Yes Yes No Yes No Yes Yes No Yes	
"DOWN" "QSTN" EX: FM 100.5 Mi EX: FM 90.0 MH. EX: FM 90.0 MI EX: AM 1230 kH. EX: AM 1241 kH. EX: AM 1241 kH. EX: AM 125 MI EX: AM 125 MI EX: AM 125 MI EX: AM 126 MI EX: AM 126 MI EX: AM 126 MI EX: AM 127 MI E	sets Tuning Frequency Wrap-Around Down gets The Tuning Frequency Hz(100/200kHz Step) Direct Tuning is [!1SL!24][!1TUNDIREC z(100kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] z(9kHz Step) Direct Tuning is [!1SL!25][!1TUNDIRECT] zets Preset No. 1 - 40 (In hexadecimal representation) sets Preset No. 1 - 40 (In hexadecimal representation) Display RT Information Display RT Information Display RT Information Wrap-Around Change coan Command (RDS Model Only) sets PTY No "1 - 29" (In hexadecimal representation) Finish PTY Scan an Command (RDS Model Only)	Yes Yes Yes Yes IRECT][!1TUN T][!1TUNS T][!1TUN1][! 11TUN1][! Yes No Yes Yes Yes Yes Yes No	Yes Yes Yes Yes Yes TUN1][:1 TUN2][:1 TUN2][:1 TUN2][:1 TUN3][: Yes No Yes	Yes Yes Yes TUN0][11 UN0][11TUN0][11TUN0] [11TUN0] [11TUN0] [11TUN0] Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes No No Yes	Yes Yes Yes TUN0][!1' 0][!1TUN0]] [!1TUN0 ITUN1] Yes No Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes No No Yes Yes Yes	Yes Yes Yes TUN5] Yes S][I1TUN5] Yes No Yes	Yes Yes Yes No Yes	Yes Yes Yes No Yes Yes No Yes Yes Yes No Yes Yes No No Yes No Yes No No Yes	

	d Command Support List	2020							,
		TV ND54		TV ND04		TV ND74			
		TX-NR51 00	DRX-2.4	TX-NR61 00	DRX-3.4	TX-NR71 00	TX-RZ50	DRX-5.4	
Code	Means								
	tist Name Info (XM Model Only)								
	XM Artist Name	No No	No No	No No	No No	No No	No No	No No	
"QSTN" "XTI" - XM Title	gets XM Artist Name e Info (XM Model Only)	INO	INO	INO	INO	NO	NO	NO	
"nnnnnnnnn"		No	No	No	No	No	No	No	
"QSTN"	gets XM Title	No	No	No	No	No	No	No	
	nannel Number Command (XM Model Only) XM Channel Number "000 - 255"	No	No	No	No	No	No	No	1
"UP"	sets XM Channel Wrap-Around Up	No	No	No	No	No	No	No	
"DOWN"	sets XM Channel Wrap-Around Down	No	No	No	No	No	No	No	
"QSTN"	gets XM Channel Number	No	No	No	No	No	No	No	
	Itegory Command (XM Model Only) XM Category Info	No	No	No	No	No	No	No	Г
"UP"	sets XM Category Wrap-Around Up	No	No	No	No	No	No	No	
"DOWN"	sets XM Category Wrap-Around Down	No	No	No	No	No	No	No	
"QSTN"	gets XM Category S Channel Name Info (SIRIUS Model Only)	No	No	No	No	No	No	No	
	SIRIUS Channel Name	No	No	No	No	No	No	No	
"QSTN"	gets SIRIUS Channel Name	No	No	No	No	No	No	No	
	S Artist Name Info (SIRIUS Model Only)	N,		N,		N.			
"nnnnnnnnnn" "QSTN"	SIRIUS Artist Name gets SIRIUS Artist Name	No No	No No	No No	No No	No No	No No	No No	
	Title Info (SIRIUS Model Only)								-
"nnnnnnnnnn"	SIRIUS Title	No	No	No	No	No	No	No	
"QSTN"	gets SIRIUS Title	No	No	No	No	No	No	No	
"000"-"255"	S Channel Number Command (SIRIUS Model On SIRIUS Channel Number "000 - 255"	No	No	No	No	No	No	No	г
"UP"	sets SIRIUS Channel Wrap-Around Up	No	No	No	No	No	No	No	
"DOWN"	sets SIRIUS Channel Wrap-Around Down	No	No	No	No	No	No	No	
"QSTN"	gets SIRIUS Channel Number S Category Command (SIRIUS Model Only)	No	No	No	No	No	No	No	
"nnnnnnnnnn"	SIRIUS Category Info	No	No	No	No	No	No	No	Ι
"UP"	sets SIRIUS Category Wrap-Around Up	No	No	No	No	No	No	No	
"DOWN"	sets SIRIUS Category Wrap-Around Down	No No	No	No	No	No	No	No	
"QSTN"	gets SIRIUS Category S Parental Lock Command (SIRIUS Model Only)	INO	No	No	No	No	No	No	_
"nnnn"	Lock Password (4Digits)	No	No	No	No	No	No	No	
"INPUT"	displays "Please input the Lock password"	No	No	No	No	No	No	No	
"WRONG"	displays "The Lock password is wrong" dio Artist Name Info (HD Radio Model Only)	No	No	No	No	No	No	No	<u> </u>
	HD Radio Artist Name (variable-length, 64 digits max)	No	No	No	No	No	No	No	Г
"QSTN"	gets HD Radio Artist Name	No	No	No	No	No	No	No	
	adio Channel Name Info (HD Radio Model Only)								
"nnnnnnnnnn" "QSTN"	HD Radio Channel Name (Station Name) (7 digits) gets HD Radio Channel Name	No No	No No	No No	No No	No No	No No	No No	
	dio Title Info (HD Radio Model Only)	140	140	140	140	140	140	140	
	HD Radio Title (variable-length, 64 digits max)	No	No	No	No	No	No	No	
"QSTN"	gets HD Radio Title	No	No	No	No	No	No	No	
	adio Detail Info (HD Radio Model Only) HD Radio Title								
"nnnnnnnnnn"		I N∩	No	No	No	No	No	No	
"nnnnnnnnn" "QSTN"	gets HD Radio Title	No No	No No	No No	No No	No No	No No	No No	
"QSTN"	gets HD Radio Title adio Channel Program Command (HD Radio Mo	No	No						
"QSTN" 'HPR" - HD Ra "01"-"08"	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program	No del Only No	No No	No No	No No	No No	No No	No No	
"QSTN" 'HPR" - HD Ra "01"-"08" "QSTN"	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program gets HD Radio Channel Program	No del Only No No	No ')	No	No	No	No	No	
"QSTN" 'HPR" - HD Ra "01"-"08" "QSTN"	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program	No del Only No No	No No	No No	No No	No No	No No	No No	
"QSTN" 'HPR" - HD Ra "01"-"08" "QSTN" 'HBL" - HD Ra "00" "01"	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program gets HD Radio Channel Program dio Blend Mode Command (HD Radio Model Or sets HD Radio Blend Mode "Auto" sets HD Radio Blend Mode "Analog"	No del Only No No No No No No No	No No No No No	No No No No	No No No No	No No No No	No No No	No No No No	
"QSTN" "HPR" - HD Ra "01"-"08" "QSTN" "HBL" - HD Ra "00" "01" "QSTN"	gets HD Radio Title adio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program gets HD Radio Channel Program dio Blend Mode Command (HD Radio Model Or sets HD Radio Blend Mode "Auto" sets HD Radio Blend Mode "Analog" gets the HD Radio Blend Mode Status	No del Only No No No nly)	No No No	No No No	No No No	No No No	No No No	No No No	
"QSTN" "HPR" - HD Ra "01"-"08" "QSTN" "HBL" - HD Ra "00" "01" "QSTN"	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program gets HD Radio Channel Program dio Blend Mode Command (HD Radio Model Or sets HD Radio Blend Mode "Auto" sets HD Radio Blend Mode "Auto" gets the HD Radio Blend Mode "Analog" gets the HD Radio Blend Mode Status dio Tuner Status (HD Radio Model Only)	No del Only No No No No No No No	No No No No No	No No No No	No No No No	No No No No	No No No	No No No No	
"QSTN" "HPR" - HD Ra "01"-"08" "QSTN" "HBL" - HD Ra "00" "01" "QSTN" "HTS" - HD Ra	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program gets HD Radio Channel Program dio Blend Mode Command (HD Radio Model Or sets HD Radio Blend Mode "Auto" sets HD Radio Blend Mode "Analog" gets the HD Radio Blend Mode Status dio Tuner Status (HD Radio Model Only) HD Radio Tuner Status (3 bytes) mm -> "00" not HD, "01" HD	No del Only No No No No No No No No No	No No No No No No No No	No No No No No No No No	No No No No No No	No No No No No No	No No No No No	No No No No No No	
"QSTN" "HPR" - HD Ra "01"-"08" "QSTN" "HBL" - HD Ra "00" "01" "QSTN"	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program gets HD Radio Channel Program dio Blend Mode Command (HD Radio Model Or sets HD Radio Blend Mode "Auto" sets HD Radio Blend Mode "Analog" gets the HD Radio Blend Mode Status dio Tuner Status (HD Radio Model Only) HD Radio Tuner Status (3 bytes) mm -> "00" not HD, "01" HD nn -> current Program "01"."08"	No del Only No	No No No No No	No No No No	No No No No	No No No No	No No No	No No No No	
"QSTN" "HPR" - HD Ra "01"-"08" "QSTN" "HBL" - HD Ra "00" "01" "QSTN" "HTS" - HD Ra	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program gets HD Radio Channel Program dio Blend Mode Command (HD Radio Model Or sets HD Radio Blend Mode "Auto" sets HD Radio Blend Mode "Analog" gets the HD Radio Blend Mode Status dio Tuner Status (HD Radio Model Only) HD Radio Tuner Status (3 bytes) mm -> "00" not HD, "01" HD nn -> current Program "01"-"08" oo -> receivable Program (8 bits are represented in he:	No del Only No	No No No No No No No No	No No No No No No No No	No No No No No No	No No No No No No	No No No No No	No No No No No No	
"QSTN" HPR" - HD Ra "01"-"08" "QSTN" HBL" - HD Ra "00" "01" "QSTN" HTS" - HD Ra "mmnnoo"	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program gets HD Radio Channel Program dio Blend Mode Command (HD Radio Model Or sets HD Radio Blend Mode "Auto" sets HD Radio Blend Mode "Analog" gets the HD Radio Blend Mode Status dio Tuner Status (HD Radio Model Only) HD Radio Tuner Status (3 bytes) mm -> "00" not HD, "01" HD nn -> current Program "01"."08"	No dei Only No No No No No No No No No	No No No No No No	No No No No No No No No	No No No No No No No No	No No No No No No No No	No No No No No No No No	No No No No No No No No No	
"QSTN" HPR" - HD Ra "01"-'08" "QSTN" HBL" - HD Ra "00" "01" "QSTN" HTS" - HD Ra "mmnnoo" "QSTN" he TUNER/XM/	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program gets HD Radio Channel Program dio Blend Mode Command (HD Radio Model Or sets HD Radio Blend Mode "Auto" sets HD Radio Blend Mode "Analog" gets the HD Radio Blend Mode Status dio Tuner Status (HD Radio Model Only) HD Radio Tuner Status (3 bytes) mm -> "00" not HD, "01" HD nn -> current Program "01"."08" oo -> receivable Program (8 bits are represented in her gets the HD Radio Tuner Status	No dei Only No No No No No No No No No	No No No No No No	No No No No No No No No	No No No No No No No No	No No No No No No No No	No No No No No No No No	No No No No No No No No No	
"QSTN" HPR" - HD Ra "01"-"08" "QSTN" HBL" - HD Ra "00" "01" "QSTN" "HTS" - HD Ra "mmnnoo" "QSTN" The TUNER/XM/ CONE side. 1:RDS informati	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program gets HD Radio Channel Program dio Blend Mode Command (HD Radio Model Or sets HD Radio Blend Mode "Auto" sets HD Radio Blend Mode "Auto" gets the HD Radio Blend Mode Status dio Tuner Status (HD Radio Model Only) HD Radio Tuner Status (3 bytes) mm -> "00" not HD, "01" HD nn -> current Program "01"-"08" oo -> receivable Program (8 bits are represented in her gets the HD Radio Tuner Status SIRIUS/HD Radio function is shared by the MAIN and	No del Only No	No No No No No No	No No No No No No No No	No No No No No No No No	No No No No No No No No	No No No No No No No No	No No No No No No No No No	
"QSTN" "HPR" - HD Ra "01"-"08" "QSTN" "HBL" - HD Ra "00" "01" "QSTN" "HTS" - HD Ra "mmnnoo" "QSTN" "HTS" - HD Ra	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program gets HD Radio Channel Program dio Blend Mode Command (HD Radio Model Or sets HD Radio Blend Mode "Auto" sets HD Radio Blend Mode "Analog" gets the HD Radio Blend Mode Status dio Tuner Status (HD Radio Model Only) HD Radio Tuner Status (3 bytes) mm -> "00" not HD, "01" HD nn -> current Program "01"-"08" oo -> receivable Program (8 bits are represented in he: gets the HD Radio Tuner Status SIRIUS/HD Radio function is shared by the MAIN and on Command in RBDS Model, is only available Display y Charge Status Command (Battery Model Only charging	No del Only No	No N	No N	No N	No N	No N	No N	
"QSTN" "HPR" - HD Ra "01"-"08" "QSTN" "HBL" - HD Ra "00" "01" "QSTN" "HTS" - HD Ra "mmnnoo" "QSTN" "BCS" - Batter "00" "01"	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program gets HD Radio Channel Program dio Blend Mode Command (HD Radio Model Or sets HD Radio Blend Mode "Auto" sets HD Radio Blend Mode "Analog" gets the HD Radio Blend Mode Status dio Tuner Status (HD Radio Model Only) HD Radio Tuner Status (3 bytes) mm -> "00" not HD, "01" HD nn -> current Program "01"-"08" oo -> receivable Program (8 bits are represented in her gets the HD Radio Tuner Status SIRIUS/HD Radio function is shared by the MAIN and on Command in RBDS Model, is only available Display y Charge Status Command (Battery Model Only charging charge completed	No del Only No	No N	No N	No N	No N	No N	No N	
"QSTN" "HPR" - HD Ra "01"-"08" "QSTN" "HBL" - HD Ra "00" "01" "QSTN" "HTS" - HD Ra "mmnnoo" "QSTN" "hTS" - HD Ra "mmnnoo" "QSTN" "hTS" - HD Ra "mmnnoo" "QSTN" "hE TUNER/XM/ ZONE side. 1:RDS informati "BCS" - Batter "00" "01" "10"	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program gets HD Radio Channel Program dio Blend Mode Command (HD Radio Model Or sets HD Radio Blend Mode "Auto" sets HD Radio Blend Mode "Auto" gets the HD Radio Blend Mode "Auto" gets the HD Radio Blend Mode Status dio Tuner Status (HD Radio Model Only) HD Radio Tuner Status (3 bytes) mm -> "00" not HD, "01" HD nn -> current Program "01"-"08" oo -> receivable Program "6 bits are represented in her gets the HD Radio Tuner Status SIRIUS/HD Radio function is shared by the MAIN and on Command in RBDS Model, is only available Display y Charge Status Command (Battery Model Only charging charge completed battery level Low	No del Only No	No N	No N	No N	No N	No N	No N	
"QSTN" "HPR" - HD Ra "01"-"08" "QSTN" "HBL" - HD Ra "00" "01" "QSTN" "HTS" - HD Ra "mmnnoo" "QSTN" "THS" - HD Ra "mmnnoo" "QSTN" "THS" - HD Ra "mmnnoo" "QSTN" "The TUNER/XM/ ZONE side. 1:RDS informati	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program gets HD Radio Channel Program dio Blend Mode Command (HD Radio Model Or sets HD Radio Blend Mode "Auto" sets HD Radio Blend Mode "Analog" gets the HD Radio Blend Mode Status dio Tuner Status (HD Radio Model Only) HD Radio Tuner Status (3 bytes) mm -> "00" not HD, "01" HD nn -> current Program "01"-"08" oo -> receivable Program (8 bits are represented in her gets the HD Radio Tuner Status SIRIUS/HD Radio function is shared by the MAIN and on Command in RBDS Model, is only available Display y Charge Status Command (Battery Model Only charging charge completed	No del Only No	No N	No N	No N	No N	No N	No N	
"QSTN" "HPR" - HD Ra "01"-"08" "QSTN" "HBL" - HD Ra "00" "01" "QSTN" "HTS" - HD Ra "mmnnoo" "QSTN" "HTS" - HD Ra "mnnnoo" "QSTN" "HTS" - HD Ra "mnnnoo" "QSTN"	gets HD Radio Title dio Channel Program Command (HD Radio Mo sets directly HD Radio Channel Program gets HD Radio Channel Program dio Blend Mode Command (HD Radio Model Or sets HD Radio Blend Mode "Auto" sets HD Radio Blend Mode "Auto" gets the HD Radio Blend Mode "Auto" gets the HD Radio Blend Mode Status dio Tuner Status (HD Radio Model Only) HD Radio Tuner Status (3 bytes) mm -> "00" not HD, "01" HD nn -> current Program "01"-"08" oo -> receivable Program (8 bits are represented in he: gets the HD Radio Tuner Status (SIRIUS/HD Radio function is shared by the MAIN and on Command in RBDS Model, is only available Display "Y Charge Status Command (Battery Model Only charging charge completed battery level Low battery level Middle	No del Only No	No N	No N	No N	No N	No N	No N	

maiii-i ciate	d Command Support List	2020	I	1	I	I	I	I	1
		TX-NR51 00	DRX-2.4	TX-NR61 00	DRX-3.4	TX-NR71 00	TX-RZ50	DRX-5.4	
Code	Means								
"STOP"	STOP	No	No	No	No	No	No	No	
"PAUSE"	PAUSE	No	No	No	No	No	No	No	
"SKIP.F"	>>	No No	No No	No No	No No	No No	No No	No No	
"SKIP.R" "REPEAT"	I<< REPEAT	No	No	No	No No	No	No	No No	
"RANDOM"	RANDOM	No	No	No	No	No	No	No	
CST" - CD Pla		l	l	L	l	l	l	l	
"prs"	CD Play Status (3 letters) p > Play Status: "S": STOP, "P": Play, "p": Pause, "F": r -> Repeat Status: "-": Off, "R": All, "1": Repeat 1 s -> Shuffle(Random) Status: "-": Off, "S": All	No	No	No	No	No	No	No	
"QSTN"	gets CD Play Status	No	No	No	No	No	No	No	
	nt disc status notice								
"00"	No disc	No	No	No	No	No	No	No	
"04"	Audio CD	No	No	No	No	No	No	No	
"07"	MP3 CD	No	No	No	No	No	No	No	
"FF"	Unknown	No No	No No	No	No No	No No	No No	No No	
"QSTN"	gets Disc Status nt Folder Status (No.)	No	No	No	No	No	No	NO	
"001"-"099"	Folder Status (No.)	No	No	No	No	No	No	No	l
"QSTN"	gets Folder Number Info	No	No	No	No	No	No	No	_
	nt Track Status (No.)	110	110	110	140	140	140	140	
"001"-"499"	Track Number	No	No	No	No	No	No	No	
"QSTN"	gets Track Number Info	No	No	No	No	No	No	No	
CTM" - CD Ti									
	CD Time Info (Elapsed time/Track Time Max 99:59)	No	No	No	No	No	No	No	
"QSTN"	gets CDTime Info	No	No	No	No	No	No	No	
SCE" - Set (CD Elapsed Time								
"mm:ss"	Specified Elapsed CD Time	No	No	No	No	No	No	No	
OSN - DAB Sta									
xxxx	0x02: ← 0x03:↑ 0x04:→ 0x05:↓ 0x06:∥ 上記以外の0x00~0x1F、0x80~0xA0はスペース表示	No	No	No	No	No	No	No	
	とする								
"QSTN"	gets Station Name	No	No	No	No	No	No	No	<u> </u>
"XXXXXXXXX"	Multiplex Name Info DAB Multiplex Name (8 digits)	No	No	No	No	No	No	No	Γ
"QSTN"	gets DAB Multiplex Name	No	No	No	No	No	No	No	
	Bit Rate and Stereo/Mono Info								
"nnnnkbpsS"	DAB Bit Rate and Stereo/Mono Status "nnnn" Bit Rate, "kbps" Unit, "S" Status ("S" Stereo, "M" Mono) Ex: DBR080kbpsS	No	No	No	No	No	No	No	
	gets DAB Bit Rate and Stereo/Mono Status	No	No	No	No	No	No	No	<u> </u>
DER" - DAB E	Bit Error Rate Info								
'nnnxxxxxxxxx"	DAB Bit Error Rate "nnn" Value ("000" - "100") "xxxxxxxxx" Rating (9 digits) 080 or more: Excellent, 079~050: Good, 049 or less: Poor	No	No	No	No	No	No	No	
"QSTN"	gets DAB Bit Error Rate	No	No	No	No	No	No	No	
	Program Type Info								_
	DAB Program Type (16 digits)	No No	No No	No No	No No	No No	No No	No No	
"QSTN"	gets DAB Program Type nal Preset Command (My Input Command)	INU	No	INU	INU	INU	INU	INU	Ь
"STRn"	stores Personal Preset n (n = Preset Number 1-4)	No	No	No	No	No	No	No	
"RCLn"	recalls Personal Preset n (n = Preset Number 1-4)	No	No	No	No	No	No	No	
"abcd"	a: Personal Preset 1 setting not exist = 0 / exist = 1 b: Personal Preset 2 setting not exist = 0 / exist = 1 c: Personal Preset 3 setting not exist = 0 / exist = 1 d: Personal Preset 4 setting not exist = 0 / exist = 1	No	No	No	No	No	No	No	
"QSTN"	gets the Personal Preset Setting	No	No	No	No	No	No	No	
	Assign Mode Command								
"FR"	sets Front Speaker	No	No	Yes	Yes	Yes	Yes	Yes	_
"SR" "SB"	sets Surround Speaker	No No	No No	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
"SB" "H1"	sets SurrBack Speaker sets Height1 Speakers	No No	No No	Yes	Yes	Yes	Yes	Yes	
"H2"	sets Height2 Speakers	No	No	No Yes	Yes	Yes	Yes	Yes	
"UP"	sets Stereo Assign Mode Wrap-Around	No	No	Yes	Yes	Yes	Yes	Yes	
"QSTN"	gets the Stereo Assign Mode	No	No	Yes	Yes	Yes	Yes	Yes	
	rect Mode Operation Command	ı	ı	1	ı	ı	ı	ı	
"00"	sets AV Direct Mode:Off	No	No	No	No	No	No	No	
"01"	sets AV Direct Mode:On	No	No	No	No	No	No	No	
	sets AV Direct Mode Wrap-Around Up	No	No	No	No	No	No	No	
"TG"	sets Av Direct Mode Wrap-Around Op	140	INO	140	140		140	140	

Main-relate	d Command Support List	2020							
Code	Means	TX-NR51 00	DRX-2.4	TX-NR61 00	DRX-3.4	TX-NR71 00	TX-RZ50	DRX-5.4	
	4K/8K Signal Format Command								
"00"	sets HDMI 4K/8K Signal Format:4K Standard	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"01"	sets HDMI 4K/8K Signal Format:4K Enhanced	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"02"	sets HDMI 4K/8K Signal Format:8K Standard	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"03"	sets HDMI 4K/8K Signal Format:8K Enhanced	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"UP"	sets HDMI 4K/8K Signal Format Wrap-Around Up	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN"	gets HDMI 4K/8K Signal Format Status	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"DUS" - Devic	e UI Status Command			•					
"xxssm"	xxss: Device UI Status NM: Normal IS: Initia Setup SS: Sound field correction system selection DRMM: Dirac Mesurement DRSP: Dirac Speaker Setting DRCA: Dirac Cancel DRCM: Dirac Complete DRPR: Dirac Processing MS: MCACC/AccuEQ Mesurement m: Microphone Status 0: removal 1: insertion	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"xxss"	Transition to the specified display xxss: Device Status SS-: Sound field correction system selection DRMM: Dirac Mesurement DRSP; Dirac Speaker Setting DRCA: Dirac Cancel DRCM: Dirac Complete	No	No	No	Yes	Yes	Yes	Yes	
"QSTN"	gets the Device UI Status	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"DSS" - Dirac	Slot Selection								
"xxx"	x: Slot status 0: No data exists 1: Data exists 2: Currently selected (Each character corresponds to one slot, and if there are	No	No	No	Yes	Yes	Yes	Yes	
″00″	Dirac off	No	No	No	Yes	Yes	Yes	Yes	
″01″	Dirac on and select slot1	No	No	No	Yes	Yes	Yes	Yes	
″02″	Dirac on and select slot2	No	No	No	Yes	Yes	Yes	Yes	
″03″	Dirac on and select slot3	No	No	No	Yes	Yes	Yes	Yes	
"QSTN"	get the Dirac slot selection	No	No	No	Yes	Yes	Yes	Yes	
"APS" - Air Pl									
"00"	sets Off	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"01"	sets On	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"UP"	sets Air Play Setting Wrap-Around Up	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN"	gets Air Play Setting	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	7 5								

This parameter is sent only by Device(AVR etc.).
This parameter is received only by Device(AVR etc.).