Last Update: Jun. 30. 2015 Ver.02

Denon AVR control protocol

Application terminal: Ethernet/RS-232C

| Model | Terminal | Beacon No |
|------------|------------------|-----------|
| AVR-X1200W | Ethernet | 12.4.0 |
| AVR-X2200W | Ethernet/ | 12.5.0 |
| AVR-X3200W | Ethernet/RS-232C | 12.6.0 |
| AVR-X4200W | Ethernet/RS-232C | 12.7.0 |

Connector specification

I . RS-232C

Connector type: DB-9pin female type, slave straight connection (DCE type) (1pin : GND , 2pin : TxD , 3pin : RxD , 5pin : Common(GND) , 4,6,7,8,9pin : NC) Communication format: Synchronous system : Tone step synchronization Communication system Communication speed : A half duplex : 9600bps

Character length : 8 bits Parity control : None Start bit : 1 bit Stop bit : 1 bit : Non procedural : 135 bytes (maximum) Communication procedure Communication data length

II. Ethernet

Connector type : RJ-45(10BASE-T/100BASE-TX)

Example ① Ethernet AVR Example (2) HUB PC AVR Ethernet Ethernet

Straight

cable

Straight

cable

```
Communication format
       Communication system
                                     : A half duplex
                                     : 10Mbps/100Mbps
       Communication speed
                                     : TCP port 23 (telnet)
       Communication data length
                                     : 135bytes (maximum)
```

NETWORK SETUP of AV Receiver

>Procedure of Network Setup mode. (1)Press SETUP button, then Menu appears on FL-display(and GUI)

(2)Select "Network > Settings > " (3)Set parameters described below.

"ON"---Use this setting when DHCP server is on the local network.

<IP Address> When <DHCP> sets "Off", please set IP address. <Subnet Mask> When <DHCP> sets "Off", please set Subnet Mask.

<Gateway> Set the address of Gateway when Gateway is on the local network.

<Primary DNS> Do not set this parameter. Do not set this parameter. Set this parameter "Off". <Second DNS>

<Network Option: Network Standby Mode>
(1)Press SETUP button, then Menu appears on FL-display (and GUI)

(2)Select "Network > Network Control" (except for X6200)
Select "Network > IP Control" (X6200)

(3)Set this parameter "Always On".

"Always On"—Use this setting when using the AV Receiver Connected in a network.

Always respond to network commands.

"Off In Standby"— Use this setting when not using the AV Receiver connected in a network. Ignores network commands during standby to sabe power.

D & M Holdings Inc.

Protocol specification

The following three data forms are defined.

COMMAND: The message sent to a

The message sent to a system(AVR) from a controller(Touch Panel etc.)

A command to a system is given from a controller. Send the COMMAND in <u>50ms or more</u> intervals.

EVENT : The message sent to a controller (Touch Panel etc.) from a system (AVR)

The result is sent, when a system is operated directly and a state changes.

The EVENT should be sent within 5 seconds after the state of the system (AVR) is changed.
*The form of EVENT presupposes that it is the same as that of COMMAND.

**Refer to the following table for the contents of COMMAND and EVENT.

RESPONSE : The message sent to a controller (Touch Panel etc.) from a system (AVR)

if the 'request command' (COMMAND+? +CR (0x0D)) has came from a controller. The RESPONSE should be sent within 200ms of receiving the request COMMAND. *The form of RESPONSE presupposes that it is the same as that of EVENT.

Basic specification: The command by ASCII CODE, parameter expression

*ASCII CODE which can be used is from 0x20 to 0x7F: the alphabet and the number of 0-9, and space (0x20), some signs,

AND carriage return (0x0D) --- It is used only as a pause sign.

Command structure: COMMAND + PARAMETER + CR (0x0D)

COMMAND: ASCII CODE of 2 characters SI : Select Input source
MS : surround Mode Setting
MV : Master Volume setting MV : Master Volume setting PW : system Power setting

PARAMETER : ASCII CODE (up to 25 characters)
Ex. DVD : function name

STEREO : surround mode name
*Special Parameter---? : for request command

The example of a command * <CR> is the meaning of 0x0D.

INDIPORT A COMMAND

CRASTS THE MEANING OF UNIX

SELECT INPUT SOLUTION

MSSTEREO CRASTS STEP OF UNIX

CRASTS STEP OF UNIX

MSSTEREO CRASTS STEP OF UNIX

CRASTS STEP OF UNIX

MSSTEREO CRASTS STEP

CRASTS STEP OF UNIX

CRASTS STEP OF UNIX

MSSTEREO CRASTS STEP

CRASTS STEP

MSSTEREO CRASTS ST

SI?<CR>: Request command for now playing input source >> Return RESPONSE 'SI***<CR>'

Others

A) COMMAND is receivable also during transmission of EVENT.

- B) Since CHANNEL VOLUME changes simultaneously when the input source changes, the value of the channel volume of used channels returns as EVENT.
- C) Since SURROUND MODE or CHANNEL VOLUME changes simultaneously when the INPUT source changes, the SURROUND MODEor CHANNEL VOLUME returns as EVENT.
- D) When SURROUND MODE or CHANNEL VOLUME is the same in between INPUT source change before and after, EVENT of SURROUND MODE and CHANNEL VOLUME does NOT return.
- E) Although EVENT of SURROUND MODE returns when the present SURROUND MODE is set up again, CHANNEL VOLUME does NOT return.
- F) When SURROUND MODE is changed, before returning SURROUND MODE after change as EVENT, the present SURROUND MODE is returned.
- G) The RESPONSE should be sent as opposed to the request command by all the commands with which an EVENT exists , not need to the another request commands(ex. SV command).
- H) The PARAMETER (with COMMAND and RESPONSE, EVENT) of minimum level of MASTER VOLUME defines "00".
- I) If the MASTER VOLUME & CHANNEL VOLUME set with 0.5dB step, the PARAMETER (with COMMAND and RESPONSE, EVENT) defines three ASCII characters as bellows

Ex. MASTER VOLUME = +18.0dB: MV98<CR> +1.0dB: MV81<CR> +0.5dB: MV805<CR>

0dB: MV80<CR> 0.5dB: MV795<CR> -0.5dB: -1.0dB: MV79<CR>

-79.5dB: MV005<CR> : MV00<CR>

* At the **.0dB step, only uses two ASCII characters as PARAMETER, same as usual.

J) 1 second later, please transmit the next COMMAND after transmitting a power on COMMAND (PWON) .

DENON confidential

AVR-X1200_X2200_X3200_X4200_PROTOCOL_V02.xlsx

Last Update: Jun 30. 2015

COMMAND and RESPONSE PARAMETER list

| | | | | | | | AVR-X | 4200V | v | AV | R-X320 | woo | | AVR- | X2200W | | A | VR-X12 | 200W | |
|-------------------|----------------------|--------------------------------|---|--|---|----------|------------------|------------------|----------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|-----|----------|-------------|-------------|
| | COMMAND PW | PARAMETER ON | function POWER ON/STANDBY change | example PWON <cr></cr> | RESPONSE(example) <- | NA ✓ | 1 | | 1 | NA ✓ | ✓ | ✓ | Х | EU/AF | ✓ | JP ✓ | 1 | U/AF | ✓ | ✓ |
| MAIN ZONE Control | MV | STANDBY ? | Return PW Status | PWSTANDBY <cr> PW?<cr></cr></cr> | <- MANUSC CD | 1 | \ \ \ | ✓ | 1 | \ \ \ | 1 | \ \ \ | \ \ \ | \ \ \ \ | 1 | 1 | 1 | | 1 | √ √ √ |
| MAIN ZONE CONTO | MV | DOWN | MASTER VOLUME UP/DOWN , direct change to **dB **:00 to 98 by ASCII , 80=80(0dB), 00=0(dB)(MIN) | MVUP <cr> MVDOWN<cr> MV80<cr></cr></cr></cr> | MV80 <cr> MV80<cr></cr></cr> | 1 | 1 | 1 | | 1 | 1 | <i></i> | 1 | 1 | 1 | 1 | | | | ✓ |
| | | | Refer to "Volume_CMD"sheet | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ |
| | CV | ? FL UP | Return MV Status CHANNEL VOLUME UP/DOWN , direct change to **dB | MV? <cr> CVFL UP<cr></cr></cr> | CVFL 50 <cr></cr> | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 |
| | | FL DOWN FL ** | FRONT Lch **:38 to 62 by ASCII , 50=0dB | CVFL DOWN <cr> CVFL 50<cr></cr></cr> | CVFL 50 <cr></cr> | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | √ √ |
| | | FR UP FR DOWN FR ** | FRONT Rch **:38 to 62 by ASCII , 50=0dB | CVFR UP <cr> CVFR DOWN<cr> CVFR 50<cr></cr></cr></cr> | CVFR 50 <cr> CVFR 50<cr></cr></cr> | 1 | 1 | 1 | 1 | \ \ \ | 1 | 1 | 1 | <i>J</i> | 1 | 1 | | ✓ | | 1 |
| | | C UP C DOWN | CENTERch | CVC UP <cr> CVC DOWN<cr></cr></cr> | CVC 50 <cr> CVC 50<cr></cr></cr> | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | √ |
| | | C ** SW UP | **:38 to 62 by ASCII , 50=0dB | CVC 50 <cr> CVSW UP<cr></cr></cr> | CVSW 50 <cr></cr> | 1 | 1 | 1 | 1 | <i>y y</i> | 1 | 1 | 1 | \ \ \ | 1 | 1 | 1 | ✓ | | 1 |
| | | SW DOWN SW ** SW2 UP | SUBWOOFER ch **:00,38 to 62 by ASCII , 50=0dB;00=OFF | CVSW DOWN <cr> CVSW 50<cr> CVSW2 UP<cr></cr></cr></cr> | CVSW 50 <cr> <- CVSW2 50<cr></cr></cr> | 1 | 1 | | 1 | | · - | √ - | · · | √ - | - | - | | | | √ - |
| | | SW2 DOWN SW2 ** | SUBWOOFER 2 ch **:00.38 to 62 by ASCII, 50=0dB :00=OFF | CVSW2 DOWN <cr> CVSW2 50<cr></cr></cr> | CVSW2 50 <cr></cr> | 1 | 1 | 1 | √ | - | - | - | - | - | - | - | - | - | - | - |
| | | SL UP SL DOWN SL ** | SURROUND Lch **:38 to 62 by ASCII , 50=0dB | CVSL UP <cr> CVSL DOWN<cr> CVSL 50<cr></cr></cr></cr> | CVSL 50 <cr> CVSL 50<cr></cr></cr> | 1 | \ \ \ \ | ✓ | | \ \ \ | 1 | 1 | 1 | <i>J</i> | \ \ \ \ | 1 | 1 | 1 | \ \ \ | 1 |
| | | SR UP SR DOWN | SURROUND Rch | CVSR UP <cr> CVSR DOWN<cr></cr></cr> | CVSR 50 <cr> CVSR 50<cr></cr></cr> | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | ✓ | ✓ | 1 |
| | | SR ** SBL UP | **:38 to 62 by ASCII . 50=0dB SURROUND BACK Lch (SBch 2SP) | CVSR 50 <cr> CVSBL UP<cr> CVSBL DOWN<cr></cr></cr></cr> | CVSBL 50 <cr> CVSBL 50<cr></cr></cr> | 1 | \ \ \ | 1 | ✓ | \ \ \ | 1 | 1 | \ \ \ | <i>J J</i> | 1 | \ \ \ | | 1 | | √ √ √ |
| | | SBL DOWN SBL ** SBR UP | **:38 to 62 by ASCII . 50=0dBSURROUND BACK Rch (SBch 2SP) | CVSBL DOWNCCKS CVSBL 50 <cr> CVSBR UP<cr></cr></cr> | <- CVSBR 50 <cr></cr> | 1 | 1 | 1 | 1 | <i>y</i> | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | <i>y</i> |
| | | SBR DOWN SBR ** | **:38 to 62 by ASCII . 50=0dB | CVSBR DOWN <cr> CVSBR 50<cr></cr></cr> | CVSBR 50 <cr></cr> | 1 | 1 | 1 | ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | | \ \ \ |
| | | SB UP SB DOWN SB ** | SURROUND BACK ch (SBch 1SP) | CVSB UP <cr> CVSB DOWN<cr> CVSB 50<cr></cr></cr></cr> | CVSB 50 <cr> CVSB 50<cr></cr></cr> | 1 | \ \ \ \ | \ \ \ \ | ✓ | \ \ \ | 1 | 1 | 1 | <i>J</i> | <i>J</i> | 1 | | ✓ | | <i>y</i> |
| | | FHL UP FHL DOWN | FRONT HEIGHT Lch | CVFHL UP <cr> CVFHL DOWN<cr></cr></cr> | CVFHL 50 CVFHL 50 | 1 | 1 | 1 | 1 | 1 | 1 | √ √ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | √ √ |
| | | FHL ** FHR UP | **:38 to 62 by ASCII , 50=0dBFRONT HEIGHT Rch | CVFHL 50 <cr> CVFHR UP<cr></cr></cr> | CVFHR 50 | 1 | \ \ \ \ | \ \ \ \ | ✓ | <i>y y</i> | 1 | 1 | \ \ \ | <i>J</i> | \ \ \ \ | 1 | ✓ | ✓ | ✓ | √ √ |
| | | FHR DOWN FHR ** FWL UP | **:38 to 62 by ASCII , 50=0dB FRONT WIDE Lch | CVFHR DOWN <cr> CVFHR 50<cr> CVFWL UP<cr></cr></cr></cr> | CVFHR 50 <- CVFWL 50 | 1 | 1 | 1 | 1 | <i>y</i> | <i>y</i> | 1 | <i>y</i> | <i>y</i> | <i>y</i> | <i>y</i> | | | | √ - |
| | | FWL DOWN FWL ** | **:38 to 62 by ASCII , 50=0dB | CVFWL DOWN <cr> CVFWL 50<cr></cr></cr> | CVFWL 50 | 1 | 1 | 1 | 1 | | | | - | - | - | - | | - | - | |
| | | FWR UP FWR DOWN FWR ** | FRONT WIDE Rch | CVFWR UP <cr> CVFWR DOWN<cr> CVFWR 50<cr></cr></cr></cr> | CVFWR 50 CVFWR 50 | 1 | <i>J</i> | \ \ \ \ | 1 | - | - | - | | - | | - | | - | | |
| | | TFL UP TFL DOWN | TOP FRONT Lch | CVTFL UP <cr> CVTFL DOWN<cr></cr></cr> | CVTFL 50 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | <i>J</i> | 1 | | 1 | | 1 |
| | | TFL ** TFR UP | **:38 to 62 by ASCII , 50=0dB TOP FRONT Rch | CVTFL 50 <cr> CVTFR UP<cr></cr></cr> | CVTFR 50 | 1 | \ \ \ | \ \ \ | 1 | √ √ √ | \ \ \ \ | \ \ \ \ | <i>J J</i> | <i>J J</i> | \ \ \ \ | \ \ \ \ | | 1 | | √ √ √ |
| | | TFR DOWN TFR ** TML UP | **:38 to 62 by ASCII , 50=0dB TOP MIDDLE Lch | CVTFR DOWN <cr> CVTFR 50<cr> CVTML UP<cr></cr></cr></cr> | CVTFR 50 <- CVTML 50 | 1 | <i>y</i> | 1 | 1 | <i>y y</i> | 1 | \ \ \ \ | <i>y y</i> | <i>y y</i> | \ \ \ \ | \ \ \ \ | 1 | ✓ | ✓ | √ √ √ |
| | | TML DOWN TML ** | **:38 to 62 by ASCII . 50=0dB | CVTML DOWN <cr> CVTML 50<cr></cr></cr> | CVTML 50 | 1 | 1 | 1 | 1 | 1 | √ √ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | TMR UP TMR DOWN TMR ** | TOP MIDDLE Rch | CVTMR UP <cr> CVTMR DOWN<cr> CVTMR 50<cr></cr></cr></cr> | CVTMR 50 CVTMR 50 | 1 | \ \ \ \ | \ \ \ | ✓ | \ \ \ | \ \ \ \ | \ \ \ \ | \ \ \ | <i>J</i> | \ \ \ \ | \ \ \ | 1 | 1 | \ \ \ | √ √ √ |
| | | TRL UP TRL DOWN | TOP REAR Lch | CVTRL UP <cr> CVTRL DOWN<cr></cr></cr> | CVTRL 50 CVTRL 50 | 1 | 1 | 1 | 1 | | | | | | | | | | | - |
| | | TRL ** TRR UP | **:38 to 62 by ASCII , 50=0dB TOP REAR Rch | CVTRL 50 <cr> CVTRR UP<cr></cr></cr> | CVTRR 50 | 1 | \ \ \ | √ | √ | - | - | - | - | - | | - | - | - | - | - |
| | | TRR DOWN TRR ** RHL UP | **:38 to 62 by ASCII , 50=0dB REAR HEIGHT Lch | CVTRR DOWN <cr> CVTRR 50<cr> CVRHL UP<cr></cr></cr></cr> | CVTRR 50 <- CVRHL 50 | 1 | 1 | \ \ \ \ | 1 | | | | | | | | | | | - |
| | | RHL DOWN RHL ** | **:38 to 62 by ASCII , 50=0dB | CVRHL DOWN <cr> CVRHL 50<cr></cr></cr> | CVRHL 50 | 1 | 1 | 1 | 1 | - | - | | - | - : | | : | | - | | - |
| | | RHR UP RHR DOWN RHR ** | REAR HEIGHT Rch **:38 to 62 by ASCII , 50=0dB | CVRHR UP <cr> CVRHR DOWN<cr> CVRHR 50<cr></cr></cr></cr> | CVRHR 50 CVRHR 50 | 1 | 1 | \ \ \ \ | 1 | | | | | | | | | | | - |
| | | FDL UP FDL DOWN | FRONT DOLBY Lch | CVFDL UP <cr> CVFDL DOWN<cr></cr></cr> | CVFDL 50 CVFDL 50 | 1 | 1 | 1 | 1 | √ √ | 1 | √ √ | √ √ | √ √ | 1 | 1 | 1 | 1 | √ √ | √ √ |
| | | FDL ** FDR UP | **:38 to 62 by ASCII , 50=0dBFRONT DOLBY Rch | CVFDL 50 <cr> CVFDR UP<cr></cr></cr> | CVFDR 50 | 1 | \ \ \ \ | 1 | 1 | <i>y y</i> | 1 | \ \ \ \ | \ \ \ | <i>J</i> | \ \ \ \ | \ \ \ | 1 | ✓ | 1 | √ √ √ |
| | | FDR DOWN FDR ** SDL UP | **:38 to 62 by ASCII . 50=0dB SURROUND DOLBY Lch | CVFDR DOWN <cr> CVFDR 50<cr> CVSDL UP<cr></cr></cr></cr> | CVFDR 50 <- CVSDL 50 | 1 | 1 | 1 | 1 | <i>y</i> | 1 | 1 | <i>y y</i> | <i>y</i> | 1 | 1 | 1 | 1 | 1 | 1 |
| | | SDL DOWN SDL ** | **:38 to 62 by ASCII . 50=0dB | CVSDL DOWN <cr> CVSDL 50<cr></cr></cr> | CVSDL 50 | 1 | 1 | 1 | ✓ | ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| | | SDR UP SDR DOWN SDR ** | **:38 to 62 by ASCII , 50=0dB | CVSDR UP <cr> CVSDR DOWN<cr> CVSDR 50<cr></cr></cr></cr> | CVSDR 50 CVSDR 50 | 1 | 1 | 1 | | <i>y y</i> | 1 | <i>y</i> | <i>y y</i> | <i>y</i> | 1 | 1 | | | <i>y y</i> | √ √ |
| | | BDL UP BDL DOWN BDL ** | BACK DOLBY Lch | CVBDL UP <cr> CVBDL DOWN<cr></cr></cr> | CVBDL 50 CVBDL 50 | 1 | 1 | 1 | 1 | | - | - | | - | | - | - | - | - | |
| | | BDR UP | **:38 to 62 by ASCII , 50=0dB BACK DOLBY Rch | CVBDL 50 <cr> CVBDR UP<cr></cr></cr> | CVBDR 50 | 1 | 1 | 1 | | - | - | - | | - | - | - | | - | | ÷ |
| | | BDR DOWN BDR ** SHL UP | **:38 to 62 by ASCII , 50=0dBSURROUND HEIGHT Lch (Auro-3D Upgrade only) | CVBDR DOWN <cr> CVBDR 50<cr> CVSHL UP<cr></cr></cr></cr> | CVBDR 50 <- CVSHL 50 | <i>y</i> | 1 | _/ | | - | - | | | | | • | | - | | - |
| | | SHL DOWN SHL ** | **:38 to 62 by ASCII , 50=0dB | CVSHL DOWN <cr> CVSHL **<cr></cr></cr> | CVSHL 50 | 1 | 1 | - | | | | | | | - | - | - | - | | - |
| | | SHR UP SHR DOWN SHR ** | SURROUND HEIGHT Rch (Auro-3D Upgrade only) **:38 to 62 by ASCII, 50=0dB | CVSHR UP <cr> CVSHR DOWN<cr> CVSHR **<cr></cr></cr></cr> | CVSHR 50 CVSHR 50 | 1 | 1 | - | | - | - | | - | - | | - | | | | - |
| | | TS UP TS DOWN | TOP SURROUND (Auro-3D Updrade only) | CVTS UP <cr> CVTS DOWN<cr></cr></cr> | CVTS 50 CVTS 50 | - | - | | | | - | | | : | - | | | - | | - |
| | | TS ** ZRL | **:38 to 62 by ASCII , 50=0dB Reset all channel level to the factory defaults | CVTS ** <cr> CVZRL<cr></cr></cr> | <- CVFL 50 <cr></cr> | | - | | - | | - | | | | | • | - | | | |
| | | | | | : CVEND>CD> | √ | 1 | 1 | 1 | ✓ | 1 | ~ | 1 | √ | 1 | 1 | 1 | 1 | 1 | 1 |
| | | ? | Return CV Status | CV? <cr></cr> | ※Only the speaker which there is on the speaker configration replies (e.g.) | | | | | | | | | | | | | | | |
| | | | | | CVFL 62 <cr></cr> | | | | | | | | | | | | | | | |
| | | | | | : CVEND <cr></cr> | | | | | | | | | | | | | | | |
| | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | ~ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | MU | ON OFF | OUTPUT MUTE ON/OFF change | MUON <cr> MUOFF<cr></cr></cr> | < | 1 | <i>y</i> | | 1 | | 1 | <i>J</i> | <i>J</i> | <i>J</i> | <i>J</i> | <i>J</i> | 1 | <i>J</i> | 1 | |
| | SI | ? PHONO | Return MU Status | MU? <cr> SIPHONO<cr></cr></cr> | <- | 7 | 1 | 1 | 1 | <i>'</i> | 7 | Ž | 1 | 7 | 7 | 7 | 1 | | 7 | Ż |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 1 | 1 | 1 | 1 | - | - | | • | | | • | • | | | ì |
| | | CD | Select INPUT source | SICD <cr></cr> | <- | 1 | 1 | / | 1 | _ | | _ | | | 1 | 1 | | | | |
| | | TUNER DVD | * X1200,S710:DVD/Blu-ray is selected | SITUNER <cr> SIDVD<cr></cr></cr> | < | 1 | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | √ √ | ✓ | 1 | | ✓ |
| | | BD TV SAT/CBL | Blu-rayTV AUDIOCBL/SAT | SIBD <cr> SITV<cr> SISAT/CBL<cr></cr></cr></cr> | e e | 1 | <i>y y</i> | 1 | | \ \ \ | 1 | 1 | <i>J J</i> | <i>J J</i> | <i>J J</i> | 1 | 1 | | 1 | 1 |
| | | MPLAY GAME | MEDIA PLAYER | SIMPLAY <cr> SIGAME<cr></cr></cr> | « « | 1 | 1 | | ✓ | <i>y</i> | <i>y y</i> | <i>y</i> | <i>y y</i> | <i>y</i> | <i>y</i> | <i>y y</i> | ✓ | ✓ | | ✓ |
| | | HDRADIO NET | (North America model Only) * 2014 AVR: Online Music is selected | SIHDRADIO <cr> SINET<cr></cr></cr> | < | - / | - / | - / | - | - / | - / | - / | - / | - / | - / | - / | - / | - / | - √ | - |
| | | PANDORA SIRIUSXM SPOTIFY | (North America model Only) (North America model Only) (North America & Europe model Only) | SIPANDORA <cr> SISIRIUSXM<cr> SISPOTIFY<cr></cr></cr></cr> | e e | 1 | | | | 1 | | | 1 | | | | 1 | | | |
| | | LASTFM FLICKR | (North America & Europe model Only) (Europe model Only) | SILASTFM <cr> SIFLICKR<cr></cr></cr> | < | | | | | | | | | | | | - | - | | - |
| | | IRADIO SERVER | ₫ | SIIRADIO <cr> SISERVER<cr></cr></cr> | <- | 1 | <i>y</i> | | 1 | | 1 | 1 | 1 | <i>√</i> | 1 | <i>J</i> | | ✓ | | |
| | | FAVORITES AUX1 AUX2 | * X1100,S700:AUX , Other:AUX1 is selected | SIFAVORITES <cr> SIAUX1<cr> SIAUX2<cr></cr></cr></cr> | e e | 1 | 1 | 1 | | 1 | 1 | 1 | <i>J J</i> | <i>y y</i> | \ \ \ | \ \ \ | | | 1 | √ √ |
| | | AUX3 AUX4 | (when Additional Source is set to On) (when Additional Source is set to On) | SIAUX3 <cr> SIAUX4<cr></cr></cr> | < | - | - | - | | | - | - | - | - | | - | - | - | | |
| | | AUX5 AUX6 | (when Additional Source is set to On) (when Additional Source is set to On) | SIAUX5 <cr> SIAUX6<cr></cr></cr> | <- <- | | - | - | - | - | - | - | - | - | - | - | - | - | | - |
| | 1 | AUX7 | (when Additional Source is set to On) | SIAUX7 <cr></cr> | <- | - | - | | - | - | - | - | - | - | | - | | | | |

| | USB/IPOD | Bluetooth | SIBT <cr> SIUSB/IPOD<cr></cr></cr> | <- <- | 1 | 1 | | √ · | | · / | 1 | 1 | | , | J J | ′ ✓ | 1 |
|------|-----------------|--|--|--|---|--|---|--|-----|--|---|---|---|-----|--|-----|---|
| | USB IPD | Select INPUT source iPod/USB and Start Playback Select INPUT source iPod/USB and iPod DIRECT Start Playback | SIUSB <cr> SIIPD<cr></cr></cr> | < | 1 | 1 | 1 | √ · | | | 1 | 1 | 1 | | / / / / | ′ ✓ | ′ |
| | IRP FVP | Select INPUT source Online Music and iRadio Recent Plav Select INPUT source Online Music and Favorites Play | SIRP <cr> SIFVP<cr></cr></cr> | <- | 1 | 1 | 1 | <i>y</i> , | | | 1 | 1 | 1 | , | 1 1 | ′ ✓ | ′ |
| ZM | ? ON | Return SI Status MAIN-ZONE ON/OFF change | SI? <cr> ZMON<cr></cr></cr> | <- | 1 | 1 | ✓ | √ , √ , | / | / | 1 | 1 | | , | 1 1 | ′ ✓ | ′ |
| | OFF ? | Return ZM Status | ZMOFF <cr> ZM?<cr></cr></cr> | <- | 1 | 1 | 1 | <i>y</i> , | 1 | 1 | 1 | | 1 | , | 1 1 | / / | 1 |
| SD | AUTO | set AUTO mode (Priority:HDMI>>DIGITAL>>ANALOG) | SDAUTO <cr></cr> | < | 1 | √ | 1 | ۷ , | | | 1 | 1 | V | | 1 1 | | |
| | HDMI DIGITAL | set force HDMI INPUT mode set force DIGITAL INPUT mode | SDHDMI <cr> SDDIGITAL<cr></cr></cr> | <- | 1 | 1 | 1 | √ · | | | 1 | 1 | 1 | | 1 1 | | ′ |
| | ANALOG | (Optical,Coaxial) set force ANALOG INPUT mode | SDANALOG <cr></cr> | <- | 1 | √ | 1 | ✓ , | | . 1 | 1 | 1 | 1 | ٠, | / / | , , | , |
| | 7.1IN NO | Set 7.1CH IN mode When no input | SD7.1IN <cr> SDNO<cr></cr></cr> | e- | - | - | - | - | - | | - | - | - | | | | |
| | ? | Return SD Status | SD? <cr></cr> | SDARC <cr></cr> | 1 | > > | 1 | ✓ , ✓ , | | | 1 | 1 | 1 | , | 1 1 | ′ ✓ | |
| DC | AUTO | set DIGITAL INPUT AUTO mode | DCAUTO <cr></cr> | SDNO <cr></cr> | 1 | ✓ ✓ | 1 | ✓ , ✓ , | - 1 | 1 | 1 | 1 | 1 | - ; | 1 1 | , , | 1 |
| | PCM DTS | set DIGITAL INPUT force PCM mode set DIGITAL INPUT force DTS mode | DCPCM <cr> DCDTS<cr></cr></cr> | < | 1 | V | 1 | <i>y</i> , | | _ | 1 | √ | _ | , | 1 1 | ′ ✓ | |
| sv | ? DVD | Return DC Status VIDEO SELECT mode set to ON, and select source | DC? SVDVD <cr></cr> | | √ | √ | √ | 1 , | / | / | 1 | 1 | √ | , | 1 1 | ′ ✓ | ′ |
| 34 | BD | * X1200.S710:DVD/Blu-rav is selected | SVBD <cr></cr> | | 1 | ✓ ✓ | 1 | √ · | | | 1 | 1 | 1 | | 1 1 | _ | |
| | TV SAT/CBL | 1 | SVTV <cr> SVSAT/CBL<cr></cr></cr> | <- | 1 | 1 | 1 | <i>y</i> , | 1 | 1 | 1 | 1 | 1 | , | 1 1 | / / | , |
| | MPLAY | | SVMPLAY <cr></cr> | <- | √ | √ | ✓ | ✓ , | | | 1 | 1 | ✓ | , | 1 1 | ′ ✓ | 1 |
| | GAME AUX1 | <u> </u> | SVGAME <cr> SVAUX1<cr></cr></cr> | <- <- | 1 | 1 | | 1 , | | 1 | 1 | 1 | 1 | , | | , , | ′ |
| | AUX2 AUX3 | (when Additional Source is set to On) | SVAUX2 <cr> SVAUX3<cr></cr></cr> | <- | - | - | - | | - | - | - | - | - | ` | √ - | | |
| | AUX4 AUX5 | (when Additional Source is set to On) (when Additional Source is set to On) | SVAUX4 <cr> SVAUX5<cr></cr></cr> | <- | - | - | - | | - | - | - | - | - | | | | |
| | AUX6 AUX7 | (when Additional Source is set to On) (when Additional Source is set to On) | SVAUX6 <cr> SVAUX7<cr></cr></cr> | ¢- | - | - | - | | - | - | - | - | - | | | | |
| | CD ON | VIDEO SELECT ON | SVCD <cr> SVON<cr></cr></cr> | 6 | 1 | > | 1 | ✓ · | | | | 1 | 1 | | / - / / | , , | , |
| | OFF | VIDEO SELECT OFF Return SV Status | SVOFF <cr> SV?<cr></cr></cr> | <- SVDVD <cr></cr> | √ | √ | ✓ | / , | / | / | 1 | 1 | 1 | , | 1 1 | ′ √ | ′ |
| SLP | r OFF | MAIN ZONE SLEEP TIMER setting | SLPOFF <cr></cr> | SVON <cr></cr> | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ · | | | ✓ ✓ | 1 | ✓ ✓ | | 1 1 | | |
| SLP | OFF *** | ***:001 to 120 by ASCII , 010=10min | SLP120 <cr></cr> | SLP120 <cr></cr> | ✓ | > | ✓ | ✓ , | | | ✓ | √ | 1 | , | / / | ′ ✓ | / |
| STBY | ? 15M | Return SLP Status MAIN ZONE Auto Standby setting | SLP? <cr> STBY15M<cr></cr></cr> | <- | 1 | ✓ ✓ | 1 | / , | - / | _ | 1 | 1 | 1 | , | 1 1 | ′ ✓ | / |
| | 30M 60M | ₫ | STBY30M <cr> STBY60M<cr></cr></cr> | <- | 1 | > | 1 | √ , √ , | / | / | 1 | 1 | √ √ | , | \ \ \ \ \ | ′ ✓ | |
| | OFF ? | Return STBY Status | STBYOFF <cr> STBY?<cr></cr></cr> | <- | 1 | > > | 1 | √ · | | · ✓ | 1 | 1 | 1 | , | \ \ \ \ \ | ′ ✓ | 1 |
| ECO | ON AUTO | MAIN ZONE ECO mode setting | ECOON <cr> ECOAUTO<cr></cr></cr> | <- | 1 | V | 1 | ✓ , ✓ , | | · / | | 1 | 1 | | 1 1 | ′ ✓ | |
| | OFF ? | Return ECO Status | ECOOFF <cr></cr> | <- | 1 | 1 | 1 | <i>y</i> , | | · / | 1 | 1 | 1 | , | 1 1 | ′ ✓ | , |
| MS | MOVIE MUSIC | | MSMOVIE <cr></cr> | | 1 | <i>'</i> | <i>y</i> | <i>y</i> , | | / | 1 | 1 | <i>y</i> | | <i>y y y y</i> | ′ ✓ | / |
| | MUSIC GAME | Select SURDOUND mode | MSMUSIC <cr> MSGAME<cr></cr></cr> | | 1 | <i>y</i> | <i>y</i> | <i>y</i> , | - | | 1 | - | \ \ \ | , | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | ′ ✓ | |
| 1 | DIRECT | Select SURROUND mode | MSDIRECT <cr></cr> | MSDIRECT <cr></cr> | 1 | √ | 1 | / , | | / | 1 | 1 | ✓ | , | / / | ′ ✓ | / |
| | PURE DIRECT | † | MSPURE DIRECT <cr></cr> | MSDSD DIRECT <cr></cr> | 1 | 1 | 1 | <i>y</i> , | | _ | 1 | 1 | 1 | , | 1 1 | | |
| 1 | | | | MSPURE DIRECT <cr> MSDSD PURE DIRECT<cr></cr></cr> | 1 | 1 | 1 | <i>y</i> , | | · • | 1 | 1 | 1 | , | 1 1 | | |
| | STEREO AUTO | - | MSSTEREO <cr> MSAUTO<cr></cr></cr> | MSSTEREO <cr></cr> | 1 | > > | ✓ ✓ | ✓ · | | | 1 | 1 | 1 | | 1 1 | ′ ✓ | / |
| | DOLBY DIGITAL | | MSDOLBY DIGITAL <cr></cr> | MSDOLBY PRO LOGIC <cr></cr> | - | ✓ - | √ - | · , | - | _ | √ - | - | - | _ | · · | , , | |
| | | | | MSDOLBY PL2 C <cr> MSDOLBY PL2 M<cr></cr></cr> | - | - | | | | | | | | | | - | |
| | | | | MSDOLBY PL2 G <cr> MSDOLBY PL2X C<cr></cr></cr> | - | - | - | | | - | | | | | | | |
| | | | | MSDOLBY PL2X M <cr> MSDOLBY PL2X M<cr></cr></cr> | - | - | | | - | - | | - | - | | | | |
| | | | | MSDOLBY PL2Z H <cr></cr> | | | | | | | | | | | | | |
| | | | | MSDOLBY SURROUND <cr> MSDOLBY ATMOS<cr></cr></cr> | 1 | √ √ | 1 | ✓ , | | · / | | | 1 | , | J J | , | / |
| | | | | MSDOLBY DIGITAL <cr> MSDOLBY D EX<cr></cr></cr> | - | - | - | - ' | - | _ | - | - | - | _ | | | |
| | | | | MSDOLBY D+PL2X C <cr> MSDOLBY D+PL2X M<cr></cr></cr> | - | | - | | | | | | - | | | | |
| | | | | MSDOLBY D+PL2Z H <cr> MSDOLBY D+DS<cr></cr></cr> | - | - > | - | - · | - | - / | - | - | - | | / / | , , | , |
| | | | | MSDOLBY D+NEO:X C <cr> MSDOLBY D+NEO:X M<cr></cr></cr> | - | - | | | | | | | | | | | |
| | | | | MSDOLBY D+NEO:X G <cr></cr> | | - | - | | | | - | | | | | | |
| | | | | MSDTS SURROUND <cr> MSDTS ES DSCRT6.1<cr></cr></cr> | 1 | 1 | 1 | / , | 7 | 1 | 1 | 1 | 1 | - ` | 1 1 | , , | / |
| | | | | MSDTS ES MTRX6.1 <cr> MSDTS+PL2X C<cr></cr></cr> | - | - | - | - ' | - | - | - | - | - | ` | | | |
| | | | | MSDTS+PL2X M <cr> MSDTS+PL2Z H<cr></cr></cr> | - | - | - | - | - | - | - | - | - | | | | |
| | | | | MSDTS+DS <cr> MSDTS96/24<cr></cr></cr> | - | - / | - / | - · | - | - 1 | - | - | - | | / / | , , | ′ |
| | | | | MSDTS96 ES MTRX <cr></cr> | 1 | 1 | 1 | 1 , | / | 1 | 1 | 1 | 1 | | / / | , , | |
| | | | | | | | | | | | _ | | | | | | ′ |
| | | | | MSDTS+NEO:6 <cr> MSDTS+NEO:X C<cr></cr></cr> | - | - | - | | | | - | | | | | | |
| | | | | MSDTS+NEO:6 <cr> MSDTS+NEO:X C<cr> MSDTS+NEO:X M<cr> MSDTS+NEO:X M<cr> MSDTS+NEO:X G<cr></cr></cr></cr></cr></cr> | | - | | | | - | | | - | | | | |
| | | | | MSDTS+NEO:B-CR> MSDTS+NEO:X C-CR> MSDTS+NEO:X M-CR> MSDTS+NEO:X M-CR> MSDTS+NEO:X G-CR> MSDTS+NEO:X G-CR> MSDTS+NEURAL:X MSDTS ES MTRX+NEURAL:X-CR> | - - - - - - - - | <i>y</i> | 1 | - - - - - - - | - / | · / | 1 | 1 | | | | ′ ✓ | |
| | | | | MSDTS+NEO:6-CR> MSDTS+NEO:X C-CR> MSDTS+NEO:X M-CR> MSDTS+NEO:X M-CR> MSDTS+NEO:X G-CR> MSDTS+NEO:X G-CR> MSDTS+NEURAL:X MSDTS+SE SMTRX+NEURAL:X-CR> MSDTS ES DSCRT+NEURAL:X-CR> MSDTS ES DSCRT+NEURAL:X-CR> MSDULT (CH IN-CR> | | | 1 | - | · / | · / | 1 | 1 | 1 | , | 1 1 | | |
| | | | | MSDTS-NEO-6-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X G-CR- MSDTS-NEO-X G-CR- MSDTS-NEU-X G-CR- MSDTS-NEU-RAL-X-CR- MSDTS ES DSCRT-NEU-RAL-X-CR- MSMULTI CH IN-CR- MSMULTI CH IN-CR- MSM CH IN-DOLBY EX-CR- MSM CH IN-PLX C-CR- | <i>J</i> | 1 | 1 | - - - - - - - - - - | · / | · / | √ √ | 1 | 1 | , | 1 1 | , , | |
| | | | | MSDTS-NECO-6-CR- MSDTS-NECO-X C-CR- MSDTS-NECO-X G-CR- MSDTS-NECO-X G-CR- MSDTS-NEURAL-X-CR- MSDTS-B MSDTS-NEURAL-X-CR- MSDTS-ES DSCRT-HEURAL-X-CR- MSMULTI-CH-IN-CR- MSM CH-IN-PLZX C-CR- MSM CH-IN-PLZX C-CR- MSM CH-IN-PLZX C-CR- MSM CH-IN-PLZX H-CR- | \frac{1}{\sqrt{2}} | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{\sqrt{1}} | | - | \frac{1}{\sqrt{2}} | \frac{1}{2} | \frac{1}{\sqrt{2}} | \frac{1}{\sqrt{1}} | , | / / / / / / / | ' | / |
| | | | | MSDTS-NEO-8-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X G-CR- MSDTS-NEO-X G-CR- MSDTS-NEO-X G-CR- MSDTS-NEURAL-X MSDTS-ES BERTA-NEURAL-X-CR- MSDTS-ES BERTA-NEURAL-X-CR- MSDTS-ES DSCRT-NEURAL-X-CR- MSM CH N-POLBY EX-CR- MSM CH IN-PLZX G-CR- MSM CH IN-PLZX M-CR- | <i>J</i> | 1 | \frac{1}{\sqrt{1}} | - - - - - - - - - - | - | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{\sqrt{1}} | \frac{1}{\sqrt{1}} | \frac{1}{\sqrt{1}} | , | \frac{1}{\sqrt{1}} \frac{1}{\sqr | ' | |
| | | | | MSDTS-NEO-8-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X G-CR- MSDTS-NEO-X G-CR- MSDTS-NEU-X G-CR- MSDTS-NEU-RAL-X MSDTS-ES MTRX-NEU-RAL-X-CR- MSDTS-ES MTRX-NEU-RAL-X-CR- MSDTS-ES DSCRT-NEU-RAL-X-CR- MSDTS-ES DSCRT-NEU-RAL-X- MSDTS-ES DSCRT-NEU-RAL-X- MSDTS-ES DSCRT-NEU-RAL-X- MSDTS-ES DSCRT-NEU-RAL-X- MSDTS-ES DSCR | \frac{1}{\sqrt{2}} | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{\sqrt{1}} | | - | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{\sqrt{1}} | \frac{1}{\sqrt{1}} | \frac{1}{\sqrt{1}} | , | \frac{1}{\sqrt{1}} \frac{1}{\sqr | | |
| | | | | MSDTS-NEO-6-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X G-CR- MSDTS-NEO-X G-CR- MSDTS-NEURAL-X MSDTS-NEURAL-X MSDTS-S MSDTS-NEURAL-X-CR- MSDTS-S BS-CR-IN-EURAL-X-CR- MSDTS-S BS-CR-IN-EURAL-X-CR- MSDM-IT (H-H-CR- MSM-IT H-POLLEY EX-CR- MSM-IT H-POLLEY EX-CR- MSM-IT H-POLX M-CR- MSM-IT H-PLX M-CR- MSM-IT M-PLX M-CR- MSM-IT M-PLX M-CR- MSM-IT M-PLX M-CR- MSM-IT M-PLX M-CR- MSM-IT M-PL | \frac{1}{\sqrt{2}} | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{\sqrt{1}} | | - | | \frac{1}{\sqrt{1}} | | \frac{1}{\sqrt{1}} | | y y y y y y y y y y y y y y y y y y y | | |
| | | | | MSDTS-NEO-8-CR- MSDTS-NEO-X G-CR- MSDTS-NEO-X G-CR- MSDTS-NEO-X G-CR- MSDTS-NEURAL-X MSDTS-SED-SED-SED-SED-SED-SED-SED-SED-SED-SE | - - - - - - - - - | \rightarrow \right | \frac{1}{\sqrt{1}} | | | | \frac{1}{\sqrt{2}} | | / / / | | J J J J J J J J J J J J J J J J J J J | | |
| | | | | MSDTS-NEO-6-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X G-CR- MSDTS-NEO-X G-CR- MSDTS-NEURAL-X MSDTS-SENEURAL-X MSDTS-SENEURAL-X MSDTS-SENEURAL-X-CR- MSDTS-SENEURAL-X-CR- MSDLT-SENEURAL-X-CR- MSMLTI-CH-IN-CR- MSMLTI-CH-IN-CR- MSMLT-CH-IN-CR- MSMLT- | \frac{1}{\sqrt{1}} | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{\sqrt{1}} | | | | \frac{1}{\sqrt{2}} | | / / / / / / / | | J J J J J J J J J J J J J J J J J J J | | |
| | | | | MSDTS-NEO-6-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X G-CR- MSDTS-NEO-X G-CR- MSDTS-NEU-X G-CR- MSDTS-NEU-RAL-X-CR- MSDTS-B BRIT-S-NEU-RAL-X-CR- MSDTS-B BRIT-S-NEU-RAL-X-CR- MSDMLTI-CH-IN-CR- MSM-CH-IN-CR- MSM-CH-IN-PLX G-CR- MSM-CH-IN-PLX G-CR- MSM-CH-IN-PLX G-CR- MSM-CH-IN-PLX G-CR- MSM-CH-IN-RO-X G-CR- MSM-CH-IN-RO-X G-CR- MSM-CH-IN-RO-X G-CR- MSM-CH-IN-RO-X G-CR- MSM-CH-IN-RO-X G-CR- MSM-CH-IN-RO-X G-CR- MSD-CH-IN-RO-X G-CR- MSD- | / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / / / / / / / / / / | | | | \frac{1}{\sqrt{2}} | \frac{1}{\sqrt{1}} | / / / / / / / / / / / / / / / / / / / | | V V V V V V V V V V V V V V V V V V V | | |
| | | | | MSDTS-NEO-6-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X G-CR- MSDTS-NEO-X G-CR- MSDTS-NEURAL-X-CR- MSDTS-NEURAL-X-CR- MSDTS-B ST MREX-NEURAL-X-CR- MSDTS-B ST MREX-NEURAL-X-CR- MSM-LT (H-H-DC-X-CR- MSM-LT (H-H-DC-X-CR- MSM-CH-H-PL-X G-CR- MSM-CH-H-PL-X G-CR- MSM-CH-H-PL-X G-CR- MSM-CH-H-PL-X G-CR- MSM-CH-H-PL-X G-CR- MSM-CH-H-NEO-X-CR- MSM-CH-H-NEO-X-CR- MSM-CH-H-NEO-X-CR- MSM-CH-H-NEO-X-CR- MSD-CH-Y-CR- MSD-CH-Y-CR- MSD-CH-Y-CR- MSD-CH-Y-CR- MSD-CH-Y-CR- MSD-CH-Y-CR- MSD-CH-Y-H-Y-CR- MSD-CH-Y-H-Y-H-X-CR- MSD-CH-Y-H-X-CR- MSD-CH-Y-Y-H-X-CR- MSD-CH-Y-H-X-CR- MSD-CH-Y-H-X-X-CR- MSD-CH-Y-H-X-X-CR- MSD-CH-Y-H-X-X-CR- MSD-CH-Y-H-X-X-CR- MSD-CH-Y-X-X-X-X-X-X-X-X-X- | \frac{1}{\sqrt{1}} | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{\sqrt{1}} | | | | \frac{1}{\sqrt{2}} | | / / / / / / / | | J J J J J J J J J J J J J J J J J J J | | |
| | | | | MSDTS-NEO-6-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X G-CR- MSDTS-NEO-X G-CR- MSDTS-NEURAL-X-CR- MSDTS-NEURAL-X-CR- MSDTS-ES MREY-NEURAL-X-CR- MSDLT-ES MREY-NEURAL-X-CR- MSM-LT IN-HPLX G-CR- MSM-LT IN-HPLX G-CR- MSM-CH IN-HPLX G-CR- MSM-CH IN-HPLX G-CR- MSM-CH IN-HPLX G-CR- MSM-CH IN-HPLX H-CR- MSDLBY D-+ EX-CR- MSDLBY D-+ EX-CR- MSDLBY D-+ HPLX H-CR- MSDLBY D-+ HPLX | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / / / / / / / / / / | | | \frac{1}{2} \frac\ | / / / | / / / / / / / / / / / / / / / / / / / | | | V V V V V V V V V V V V V V V V V V V | | |
| | | | | MSDTS-NEO-6-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X G-CR- MSDTS-NEO-X G-CR- MSDTS-NEURAL-X-CR- MSDTS-NEURAL-X-CR- MSDTS-ES MREY-NEURAL-X-CR- MSDTS-ES MREY-NEURAL-X-CR- MSM-LT IN-HPLZ M-CR- MSM-LT IN-HPLZ M-CR- MSM-CH M-M-EM-M-CR- MSM-CH M-M-EM-M-CR- MSD-LBY D-+ LPLZ M-CR- MSD-LBY D-+ LPLZ M-CR- MSD-LBY D-+ HPLZ M-CR- MSD-LBY D-+ HPL-CR- MSD-LBY D-+ HR-CR- MSD-LBY D-+ H | / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / / / / / / / / / / | | | | / / / | / / / / / / / / / / / / / / / / / / / | | | V V V V V V V V V V V V V V V V V V V | | |
| | | | | MSDTS-NEO-6-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X G-CR- MSDTS-NEO-X G-CR- MSDTS-NEURAL-X-CR- MSDTS-B MSDTS-NEURAL-X-CR- MSDTS-B SDSCRT-HEURAL-X-CR- MSMLTI-CH-IN-CR- MSMLT-CH-IN-CR- MSMLT-CH-IN-CR- MSM-CH-IN-PLZX C-CR- MSM-CH-IN-PLZX C-CR- MSM-CH-IN-PLZX C-CR- MSM-CH-IN-PLZX C-CR- MSM-CH-IN-NEO-X M-CR- MSM-CH-IN-NEO-X M-CR- MSM-CH-IN-NEO-X M-CR- MSD-CH-IN-NEO-X M-CR- MSD-CH-IN-NEO | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / / / / / / / / / / | | | \frac{1}{2} \frac\ | / / / | / / / / / / / / / / / / / / / / / / / | | | V V V V V V V V V V V V V V V V V V V | | |
| | | | | MSDTS-NEO-6-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X G-CR- MSDTS-NEO-X G-CR- MSDTS-NEURAL-X MSDTS-S MS MTX-NEURAL-X-CR- MSDTS-S BS DSCRT-MEURAL-X-CR- MSMLTI CH IN-CR- MSM CH IN-POLIS EX-CR- MSM CH IN-PLIX G-CR- MSM CH IN-PLIX G-CR- MSM CH IN-PLIX G-CR- MSM CH IN-PLIX G-CR- MSM CH IN-PLIX HORD- MSM CH IN-PLIX HORD- MSM CH IN-PLIX HORD- MSM CH IN-MEO-X M-CR- MSM CH IN-MEO-X M-CR- MSM CH IN-MEO-X M-CR- MSD CH IN-MEX-CR- MSD CH I | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / / / / / / / / / / | | | \frac{1}{2} \frac\ | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | | | y y y y y y y y y y y y y y y y y y y | | |
| | | | | MSDTS-NEO-6-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X C-CR- MSDTS-NEO-X G-CR- MSDTS-NEO-X G-CR- MSDTS-NEURAL-X MSDTS-SENSEMPA-X MSTS-SENSEMPA-X MS | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | | | y y y y y y y y y y y y y y y y y y y | | |
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| | AURO3D AURO2DSURR MCH STEREO WIDE SCREEN SUPER STADIUM | (Auro-3D Upgrade only) (Auro-3D Upgrade only) | MSAURO3D <cr> MSAURO2DSURR<cr> MSMCH STEREO<cr> MSWIDE SCREEN<cr> MSSUPER STADIUM<cr></cr></cr></cr></cr></cr> | MSMCH STEREO <cr></cr> | 7 7 7 7 7 7 | - - - - | | · · · · · · · · · · · · · · · · · · · | | · · · · · · · · · · · · · · · · · · · | - - - - | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · | | · · · · · · · · · · · · · · · · · · · |
| | ROCK ARENA JAZZ CLUB CLASSIC CONCERT MONO MOVIE MATRIX | | MSROCK ARENA <cr> MSJAZZ CLUB<cr> MSJAZZ CLUB<cr> MSCLASSIC CONCERT<cr> MSMONO MOVIE<cr> MSMATRIX<cr></cr></cr></cr></cr></cr></cr> | ¢ ¢ ¢ | / / / / / / / / | \frac{1}{\sqrt{1}} | - | - - - | / / / / / / | - | \frac{1}{\sqrt{1}} | - - - | \frac{1}{\sqrt{1}} \frac{1}{\sqr | - | \frac{1}{\sqrt{1}} \frac{1}{\sqr |
| | VIDEO GAME VIRTUAL LEFT RIGHT | durina "All Zone Stereo" mode | MSVIDEO GAME <cr> MSVIRTUAL<cr> MSLEFT<cr> MSLEFT<cr></cr></cr></cr></cr> | <- <- MSSTEREO <cr> MSSTEREO<cr> MSALL ZONE STEREO<cr></cr></cr></cr> | / / / / / / | \ \ \ | 1 | <i>J J</i> | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | <i>y y</i> | \frac{1}{\sqrt{1}} | <i>J J</i> | / / / / | <i>y</i> | |
| | - ? QUICK1 QUICK2 | Return MS Status QUICK SELECT 1-5 MODE SELECT | MS? <cr> MSQUICK1<cr> MSQUICK2<cr></cr></cr></cr> | MS7.1IN <cr> MSPURE DIRECT EXT<cr> <- <-</cr></cr> | | - - - - - - - | - - - - - - - | ✓ | | √ | - - - - - - - - - | √ | | 1 | |
| | QUICK3 QUICK4 QUICK5 | QUICK SELECT 1-5 MODE MEMORY | MSQUICK3 <cr> MSQUICK4<cr> MSQUICK5<cr></cr></cr></cr> | <- <- MSQUICK0 <cr></cr> | / / / / / / / / | \ \(\) | \ \ \ | \ \ \ \ | / / / / / / / / | \ \ \ | \frac{1}{\sqrt{1}} | <i>y y y</i> | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{\sqrt{1}} | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
| | QUICK2 MEMORY QUICK3 MEMORY QUCIK4 MEMORY QUICK5 MEMORY QUICK? | Return MSQUICK Status | MSQUICK2 MEMORY <cr> MSQUICK3 MEMORY<cr> MSQUICK4 MEMORY<cr> MSQUICK5 MEMORY<cr> MSQUICK5 MEMORY<cr> MSQUICK ?<cr></cr></cr></cr></cr></cr></cr> | e e e e e e e e e e e e e e e e e e e | / / / / / / / / | \ \(\) | / / / | \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{\sqrt{1}} | \frac{1}{\sqrt{1}} | / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | <i>y</i> . | / / / / / / / / |
| vs | ASPNRM ASPFUL ASP ? MONIAUTO MONI1 | Set Aspect Ratio to 4:3 mode Set Aspect Ratio to 16:9 mode Return VSASPECT Status Set HDMI MONITOR automatic detection Set HDMI MONITOR OUT-1 | VSASPNRM <cr> VSASPFUL<cr> VSASP ?<cr> VSMONIAUTO<cr> VSMONI1<cr> VSMONI1</cr></cr></cr></cr></cr> | < </td <td>/ / / / / / / /</td> <td>\ \ \ \ \</td> <td><i>J J J</i></td> <td>✓</td> <td>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \</td> <td>\frac{1}{3}</td> <td>\frac{1}{\sqrt{1}}</td> <td><i>y y y</i></td> <td>/ - / - / - / -</td> <td>-</td> <td>· · · · · · · · · · · · · · · · · · ·</td> | / / / / / / / / | \ \ \ \ \ | <i>J J J</i> | ✓ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{3} | \frac{1}{\sqrt{1}} | <i>y y y</i> | / - / - / - / - | - | · · · · · · · · · · · · · · · · · · · |
| | MONI2 MONI ? SC48P SC10I SC72P | Set HDMI MONTOR OUT-2 Return VSMONI Status Set Resolution to 480p/576p Set Resolution to 1080i Set Resolution to 1700p | VSMONI2 <cr> VSMONI ?<cr> VSSC48P<cr> VSSC10I<cr> VSSC72P<cr></cr></cr></cr></cr></cr> | • • • • • | / / / / / / / / | \ \(\) | ✓ ✓ | 1 | | √ √ | \frac{1}{\sqrt{1}} | <i>y y y y</i> | \frac{1}{\sqrt{1}} - \frac{1}{\sqrt{2}} \\ \frac{1}{\sqrt{2}} - \frac{1}{\sqrt{2}} \\ \frac{1}{\sqrt{2}} - \frac{1}{\sqrt{2}} - \frac{1}{\sqrt{2}} \\ \frac{1}{\sqrt{2}} - \fract | - | · · · · · · · · · · · · · · · · · · · |
| | SC10P SC10P24 SC4K SC4KF | Set. Resolution to 1080p. Set Resolution to 1080p.24Hz Set Resolution to 4K Set Resolution to 4K(60/50) | VSSC10P <cr></cr> | < | <i>y y y y y y y y y y</i> | \rightarrow \right | <i>y y y</i> | 1 | / / / / / / | 1 | <i>y y y</i> | 1 | / - / - | - | |
| | SCAUTO SC ? SCH48P SCH10I SCH72P | Set Resolution to AUTO. Return VSSC Status Set Resolution to 480/5766 (HDMI) Set Resolution to 1080/iHDMI) Set Resolution to 7200/iHDMI) | VSSCAUTO <cr></cr> | < | / / / / / / / / | \ \ \ \ \ | | <i>y y y</i> | / / / / / / / / | <i>J J</i> | \frac{1}{4} | <i>J J</i> | \frac{1}{\sqrt{1}} - \frac{1}{\sqrt{2}} \\ \frac{1}{\sqrt{2}} - \frac{1}{\sqrt{2}} \\ \frac{1}{\sqrt{2}} - 1 | - | |
| | SCH10P SCH10P24 SCH4K SCH4KF | Set Resolution to 108bp(HDMI) Set Resolution to 108bp(HDMI) Set Resolution to 108bp(HDMI) Set Resolution to 4K(HDMI) Set Resolution to 4K(HDMI) | VSSCH10P <cr></cr> | • • • • | 7 7 7 7 7 7 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | <i>y y y y</i> | <i>y y</i> | y y y y y y y y y y y y y y y y y y y | 1 | <i>y y y</i> | 1 | / - / - | - | |
| | SCHAUTO SCH ? AUDIO AMP AUDIO TV | Set Resolution to AUTO(HDMI) Return VSSCH Status(HDMI) Set HDMI AUDIO Output to AMP Set HDMI AUDIO Output to TV | VSSCHAUTO <cr> VSSCH ?<cr> VSAUDIO AMP<cr> VSAUDIO TV<cr></cr></cr></cr></cr> | e e | / / / / / / | \ \ \ \ \ | \ \ \ \ | \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | <i>J J J</i> | <i>J J J J J</i> | \ \ \ | / - / - / / / / / / | ✓ . | |
| | AUDIO ? VPMAUTO VPMGAME VPMMOVI VPM ? | Return VSAUDIO Status Set Video Processing Mode to AUTO Set Video Processing Mode to GAME Set Video Processing Mode to GAME Set Video Processing Mode to MOVIE Return VSVPM Status Vortical Stretch = ON | VSAUDIO ? <cr> VSVPMAUTO<cr> VSVPMGAME<cr> VSVPMGOVI<cr> VSVPM ?<cr></cr></cr></cr></cr></cr> | < | 7 7 7 7 7 7 | ✓ ✓ | \ \ \ | <i>J J</i> | 7 7 7 7 7 7 7 7 | \ \ \ | \frac{1}{2} | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | - | |
| PS | VST ON VST OFF VST ? TONE CTRL ON TONE CTRL OFF | Vertical Stretch = OFF Return VSVST Status PARAMETER setting TONE CONTROL ON/OFF | VSVST ON-CR> VSVST OFF-CR> VSVST ? <cr> PSTONE CTRL ON-CR> PSTONE CTRL OFF-CR> PSTONE CTRL OFF-CR></cr> | e e e | | - - - - - - - | | ✓ | | ✓ | - - - - - - - | ✓ | | ✓ . | |
| | TONE CTRL ? BAS UP BAS DOWN BAS ** BAS ? TRE UP | Return PSTONE CONTROL Status BASS UP/DOWN, direct change to **0B ***00 to 99 by ASCII, 50-d0B **-0X can be operated from -6 to +6(44 to 56) Return PSBAS Status TREBLE UP/DOWN, direct change to **0B | PSTONE CTRL ? <cr> PSBAS UP<cr> PSBAS DOWN<cr> PSBAS 50<cr> PSBAS ?<cr> PSBAS ?<cr></cr></cr></cr></cr></cr></cr> | PSBAS 50 <cr> PSBAS 50<cr> <- PSTRE 50<cr></cr></cr></cr> | 7 7 7 7 7 7 7 7 | ✓ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{\sqrt{1}} | <i>J J J J</i> | <i>y y y y</i> | 7 7 7 7 7 7 7 7 7 7 | \frac{1}{\sqrt{1}} | 7 7 7 7 7 7 7 7 7 7 |
| | TRE DOWN TRE ** TRE ? DIL ON DIL OFF | TREBLE UP/DUWN , orlect change to "OB " "Ob 199 by ASCII . 50-008 " | PSTRE DF <cr> PSTRE DOWN<cr> PSTRE 50<cr> PSTRE 7<cr> PSDIL ON<cr> PSDIL OFF<cr></cr></cr></cr></cr></cr></cr> | PSTRE 50 <cr> PSTRE 50<cr> <-</cr></cr> | 7 7 7 7 7 7 7 7 | \ \ \ | \ \ \ \ | \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{1} | \frac{1}{1} | <i>J J J</i> | 7 7 7 7 7 7 7 7 7 7 | \frac{1}{\sqrt{1}} | / / |
| | DIL OFF DIL UP DIL DOWN DIL ** | Diadod Level Adjust = 0°FDialog Level Adjust38 to 62 by ASCII , 50=0dB Return DIL Status | PSDIL OFF-CR> PSDIL UP-CR> PSDIL DOWN-CR> PSDIL 50-CR> PSDIL 7-CR> | PSDIL 50 <cr> PSDIL 50<cr> </cr></cr> | 7 7 7 7 7 7 | ✓ ✓ | 1 | \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | <i>J J</i> | <i>J J J</i> | 1 | y y y y y y y y y y y y y y y y y y y | <i>y</i> . | V V V V V V V V V V V V V V V V V V V |
| | SWL ON SWL OFF SWL UP SWL DOWN | Subwoofer Level Adjust = ON Subwoofer Level Adjust = OFFSUBWOOFER(1) Level Adjust | PSSWL ON <cr> PSSWL OFF<cr> PSSWL UP<cr> PSSWL DOWN<cr></cr></cr></cr></cr> | PSDIL ON-CR> | / / / / / / | \frac{1}{\sqrt{1}} | <i>J J</i> | <i>J J J</i> | / / / / / / | \frac{1}{\sqrt{1}} | <i>J J J</i> | <i>J J J</i> | / / / / / / / / | <i>y</i> . | / / / / / / / / |
| | SWL ** SWL2 UP SWL2 DOWN SWL2 ** SWL ? | **:00.38 to 62 by ASCII , 50=0dB SUBWOOFER(2) Level Adjust **:00.38 to 62 by ASCII , 50=0dB Return SWL Status | PSSWL 50 <cr> PSSWL2 UP<cr> PSSWL2 DOWN<cr> PSSWL2 50<cr> PSSWL 7<cr></cr></cr></cr></cr></cr> | <- PSSWL2 50 <cr> PSSWL2 50<cr> <- PSSWL ?<cr></cr></cr></cr> | / / / / / / | \ \ \ \ | / / / | | | | | | · · · · · · · · · · · · · · · · · · · | - | / / |
| | | | | PSSWL ON <cr> PSSWL 50<cr> PSSWL2 50<cr> **If SW2 is none, "PSSWL2" command is</cr></cr></cr> | , | 1 | 1 | 1 | / / | 1 | 1 | ✓ | , , | | , , |

| CINEMA EQ. ? MODE:MUSIC MODE:CINEMA | Return PSCINEMA EQ.Status CINEMA / MUSIC / GAME / PL mode change (This parameter can change DOLBY PL2.PL2x.NEO:6 mode.) | PSCINEMA EQ. ? <cr> PSMODE:MUSIC<cr> PSMODE:CINEMA<cr></cr></cr></cr> | <- | - | - | - | - | - | - | - | - | - | - | - | - | j |
|---|--|---|--|------------------|------------|-----|------------------|--------------|-------------|------------------|----------------|--------------------|-------------|------------------|-------------|---|
| MODE:GAME MODE:PRO LOGIC | SB=ON : PL2x mode / SB=OFF : PL2 mode GAME can change DOLBY PL2 & PL2x mode #NAMF? | PSMODE:GAME <cr> PSMODE:PRO LOGIC<cr></cr></cr> | <- | | | | - | - | | | | - | - | - | - | J |
| MODE: ? | #NAME? PL2z HEIGHT mode (EVENT only) Return PSMODE: Status | PSMODE: ? <cr></cr> | PSMODE:HEIGHT <cr></cr> | - / | | | - | 1 | √ √ | <i>J</i> | - | - | - | - | - | |
| PSLOM ON PSLOM OFF PSLOM ? | Loudness Management: ON Loudness Management: OFF Return PSLOM Status | PSLOM ON <cr> PSLOM OFF<cr> PSLOM ?<cr></cr></cr></cr> | <- | 1 | 1 | 1 | > > > | 1 | \ \ \ | < < < | > >> | 1 | 1 | 1 | \ \ \ | |
| P:FW P:FH | Speaker Output set(F.Height/F.Wide/S.Back) | PSSP:FW <cr> PSSP:FH<cr></cr></cr> | <- | - | - | - | - | - | - | - | - | - | - | - | - | |
| P:SB P:HW P:BH | Front Height & Front Wide Surround back & Front Height | PSSP:SB <cr> PSSP:HW<cr></cr></cr> | <- | | - | - | - | - | - | | - | - | - | - | - | I |
| P:BW P:FL | Surround back & Front Wide Floor | PSSP:BH <cr> PSSP:BW<cr> PSSP:FL<cr></cr></cr></cr> | <- <- | - | - | - / | - | - | - | - | - | - | - | - | - | 1 |
| SP:HF SP:FR SP: ? | Height & Floor Front Return PSSP: Status | PSSP:HF <cr> PSSP:FR<cr> PSSP: ?<cr></cr></cr></cr> | <· | 1 | | ✓ | 1 | - | - | - | - | - | - | - | - | |
| HG LOW HG MID | PL2z HEIGHT GAIN direct change | PSPHG LOW <cr> PSPHG MID<cr></cr></cr> | <- <- | | - | - | - | - | - | - | - | - | - | - | - | |
| PHG HI PHG ? MUI TEO:AUDYSSE) | Return PSPHG Status MultEQ/MultEQ XT/MultEQ XT32 mode direct change | PSPHG HI <cr> PSPHG ?<cr> PSMULTEQ:AUDYSSEY<cr></cr></cr></cr> | < | - | - | - | - | - | | - | | - | - | | - | |
| MULTEQ:BYP.LR MULTEQ:FLAT | AUDYSSEY= Reference BYP.LR= L/R Bypass | PSMULTEQ:BYP.LR <cr> PSMULTEQ:FLAT<cr></cr></cr> | <- <- | 1 | 1 | 1 | 1 | 1 | √ √ | √ √ | 1 | 1 | 1 | 1 | 1 | |
| MULTEQ:MANUAL MULTEQ:OFF MULTEQ ? | Return PSMULTEQ: Status | PSMULTEQ:MANUAL <cr> PSMULTEQ:OFF<cr> PSMULTEQ: ?<cr></cr></cr></cr> | <- | <i>J</i> | | | 1 | 1 | <i>y</i> | √ √ | √ √ | <i>J</i> | 1 | 1 | 1 | |
| DYNEQ ON DYNEQ OFF | Dynamic EQ = ON Dynamic EQ = OFF | PSDYNEQ ON <cr> PSDYNEQ OFF<cr></cr></cr> | <- | 1 | J J | | 1 | 1 | \ \ \ | \ \ \ | <i>J J</i> | \ \ \ \ | 1 | \ \ \ | \ \ \ | |
| DYNEQ ? REFLEV 0 REFLEV 5 | Return PSDYNEQ Status Reference Level Offset=0dB Reference Level Offset=5dB | PSDYNEQ ? <cr> PSREFLEV 0<cr> PSREFLEV 5<cr></cr></cr></cr> | <- | 1 | 1 | 1 | 1 | 1 | 1 | ✓ ✓ | / | 1 | 1 | 1 | 1 | |
| REFLEV 10 REFLEV 15 REFREV ? | Reference Level Offset=10dB Reference Level Offset=15dB Return PSREFLEV Status | PSREFLEV 10 <cr> PSREFLEV 15<cr> PSREFLEV ?<cr></cr></cr></cr> | <- | 1 | 1 | | 1 | 1 | \ \ \ | V V | 1 | 1 | 1 | 1 | 1 | |
| DYNVOL HEV DYNVOL MED | Dynamic Volume = Heavy Dynamic Volume = Medium | PSDYNVOL HEV <cr> PSDYNVOL MED<cr></cr></cr> | <- | 1 | 1 | 1 | 1 | 1 | √ √ | √ √ | 1 | 1 | 1 | 1 | 1 | |
| DYNVOL LIT DYNVOL OFF DYNVOL ? | Dynamic Volume = Light Dynamic Volume = OFF Return PSDYNVOL Status | PSDYNVOL LIT <cr> PSDYNVOL OFF<cr> PSDYNVOL ?<cr></cr></cr></cr> | <- | 1 | 1 | 1 | 1 | 1 | 1 | <i>y y</i> | 1 | 1 | 1 | 1 | 1 | |
| C OFF | Audyssey LFC = ON Audyssey LFC = OFF | PSLFC ON <cr> PSLFC OFF<cr></cr></cr> | <- <- | √ √ | 1 | 1 | 1 | - | - | - | - | - | - | - | - | |
| FC ? NTAMT UP NTAMT DOWN | Return Audvssev LFC Status Containment Amount UP/DOWN, direct change to ** **:00 to 99 by ASCII, 00=0, | PSLFC ? <cr> PSCNTAMT UP<cr> PSCNTAMT DOWN<cr></cr></cr></cr> | PSCNTAMT 01 <cr> PSCNTAMT 01<cr></cr></cr> | 1 | 1 | ✓ | V | - | - | - | - | - | - | - | - | į |
| NTAMT ** NTAMT ? | AVR can be operated from 1 to 7 (01 to 07) Return Cotainment Amount Status | PSCNTAMT 01 <cr> PSCNTAMT ?<cr></cr></cr> | <- | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | |
| SX ONH SX ONW | Audyssey DSX ON(Height & Wide) Audyssey DSX ON(Height) Audyssey DSX ON(Width) | PSDSX ONHW <cr> PSDSX ONH<cr> PSDSX ONW<cr></cr></cr></cr> | <- <- | 1 | | | 1 | - | | - | - | - | - | - | - | į |
| SX OFF SX ? | Audyssey DSX OFF Return PSDSX Status | PSDSX OFF <cr> PSDSX ?<cr></cr></cr> | < | <i>J</i> | 1 | 1 | 1 | - | - | - | - | - | - | - | - | į |
| TW UP TW DOWN TW ** | STAGE WIDTH UP/DOWN, direct change to **dB **:00 to 99 by ASCII, 50=0dB AVR can be operated from -10 to +10(40 to 60) | PSSTW UP <cr> PSSTW DOWN<cr> PSSTW 50<cr></cr></cr></cr> | PSSTW 50 <cr> PSSTW 50<cr> <-</cr></cr> | <i>y</i> | | | V V | - | | - | - | | | | | į |
| TW ? TH UP | Return PSSTW Status STAGE HEIGHT UP/DOWN, direct change to **dB | PSSTW ? <cr> PSSTH UP<cr></cr></cr> | PSSTH 50 <cr></cr> | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | ÷ | į |
| TH DOWN TH ** TH ? | **:00 to 99 by ASCII , 50=0dBAVR can be operated from -10 to +10(40 to 60) Return PSSTH Status | PSSTH DOWN <cr> PSSTH 50<cr> PSSTH ?<cr></cr></cr></cr> | PSSTH 50 <cr></cr> | <i>J</i> | 1 | 1 | 1 | | | - | - | | - | | - | |
| EQ ON EQ OFF | Graphic EQ = ON Graphic EQ = OFF | PSGEQ ON <cr> PSGEQ OFF<cr></cr></cr> | <- | 1 | 1 | 1 | 1 | <i>y y</i> | \ \ \ | V V | <i>y y</i> | <i>y y</i> | 1 | <i>J J</i> | \ \ \ | |
| EQ ? EQ ON EQ OFF | Return Graphic EQ Status Headphone EQ = ON Headphone EQ = OFF | PSGEQ ? <cr> PSHEQ ON<cr> PSHEQ OFF<cr></cr></cr></cr> | <- | 1 | 1 | 1 | 1 | 1 | \ \ \ | ✓ ✓ | 1 | √ √ | 1 | 1 | 1 | |
| EQ ? RC AUTO | Return Headohone EQ Status Dvnamic Compression direct change | PSHEQ ? <cr> PSDRC AUTO<cr></cr></cr> | <- | 1 | √ √ | 1 | 1 | <i>y</i> | \ \ \ | y | 1 | 1 | 1 | 1 | 1 | |
| RC LOW RC MID RC HI | | PSDRC LOW <cr> PSDRC MID<cr> PSDRC HI<cr></cr></cr></cr> | <- <- | <i>y</i> | <i>y</i> | 1 | 1 | 1 | <i>y</i> | <i>y y</i> | <i>y y</i> | <i>y</i> | 1 | 1 | <i>y</i> | |
| RC OFF RC ? | Return PSDRC Status | PSDRC OFF <cr> PSDRC ?<cr></cr></cr> | < | 1 | 1 | 1 | 1 | 1 | 1 | V | 1 | 1 | 1 | 1 | 1 | |
| C UP C DOWN C ** | Dialog Control UP/DOWN , direct change to **dB **:00 to 99 bv ASCII . 00=0AVR can be operated from 0 to 6 | PSDIC UP <cr> PSDIC DOWN<cr> PSDIC 03<cr></cr></cr></cr> | PSDIC 03 <cr> PSDIC 03<cr></cr></cr> | <i>J</i> | <i>J</i> | | > > | 1 | \ \ \ | <i>y y</i> | <i>y y</i> | <i>J</i> | 1 | 1 | \ \ \ | |
| C UP | Return PSDIC Status Bass Sync UP/DOWN , direct change to **dB | PSDIC ? <cr> PSBSC UP<cr></cr></cr> | PSBSC 10 <cr></cr> | · · | | | · / | · · | √ - | · / | - | 1 | - | - | 1 | |
| SC DOWN SC ** SC ? | **:00 to 99 by ASCII , 00=0AVR can be operated from 0 to 16 Return PSBSC Status | PSBSC DOWN <cr> PSBSC 10<cr> PSBSC ?<cr></cr></cr></cr> | PSBSC 10 <cr></cr> | - | - | | - | - | - | - | - | - | | - | | į |
| H OFF H LOW | Dialoque Enhancer | PSDEH OFF <cr> PSDEH LOW<cr></cr></cr> | <- | | - | - | - | - | - | - | - | : | : | - | - | į |
| H MED H HIGH H ? | Return PSDEH Status | PSDEH MED <cr> PSDEH HIGH<cr> PSDEH ?<cr></cr></cr></cr> | <· | - | | | - | - | | - | - | - | | - | - | ŀ |
| E UP E DOWN | LFE UP/DOWN , direct change to **dB **:00 to 99 by ASCII , 00=0dB, 10=-10dB | PSLEE UP <cr> PSLFE DOWN<cr></cr></cr> | PSLFE 10 <cr> PSLFE 10<cr></cr></cr> | <i>y</i> | | | > > | 1 | √ √ | ✓ | > > | √ √ | 1 | 1 | 1 | |
| E ** E ? L 00 | AVR can be operated from 0 to -10 Return PSLFE Status LFE Level direct change(When EXT.IN/7.1CH IN) | PSLFE 10 <cr> PSLFE ?<cr> PSLFL 00<cr></cr></cr></cr> | • | 1 | 1 | | 1 | 1 | <i>y</i> | <i>y</i> | 1 | 1 | 1 | 1 | 1 | |
| L 05 L 10 | LEE Level direct change(when EA)(47). TOP ITY | PSLFL 05 <cr> PSLFL 10<cr></cr></cr> | <. | | | • | - | • | | - | • | • | | | - | |
| L 15 L ? | Return PSLFL Status | PSLFL 15 <cr> PSLFL ?<cr></cr></cr> | <- | - | - | - | - | • | - | - | - | ÷ | ÷ | - | - | Į |
| F OFF | EFFECT ON/OFF direct change | PSEFF ON <cr></cr> | PSEFF ON <cr> PSFFF 10<cr></cr></cr> | - | | | - | - | - | - | | | | | | ļ |
| F DOWN | EFFECT LEVEL direct change to **dB **:00 to 99 by ASCII , 00=0dB, 10=10dB | PSEFF UP <cr> PSEFF DOWN<cr></cr></cr> | PSEFF 10 <cr> PSEFF 10<cr></cr></cr> | √ √ | 1 | 1 | 1 | 1 | √ √ | V | 1 | 1 | 1 | 1 | 1 | |
| F ** | AVR can be operated from 1 to 15 Return PSEFF Status | PSEFF 10 <cr> PSEFF ?<cr></cr></cr> | ex1 (WIDE SCREEN mode) PSEFF ON <cr></cr> | | 1 | | | 1 | | ✓ | | V | 1 | | | |
| | | | PSEFF 10 <cr> ex2 (except WIDE SCREEN mode)</cr> | ~ | 1 | 1 | 1 | 1 | ✓ | ✓ | 1 | 1 | 1 | 1 | 1 | |
| L UP L DOWN | DELAY UP/DOWN, direct change to ***dB ***:000 to 999 by ASCII . 000=0ms. 300=300ms | PSDEL UP <cr> PSDEL DOWN<cr></cr></cr> | PSDEL 000 <cr> PSDEL 000<cr></cr></cr> | √ √ | <i>J</i> | | 1 | 1 | √ √ | ✓ ✓ | / | √ √ | 1 | 1 | 1 | |
| EL *** | AVR can be operated from 0 to 300 0-60ms:3ms/Step Over 60ms:10ms/Step Return PSDEL Status | PSDEL 000 <cr> PSDEL ?<cr></cr></cr> | <- | · · | 1 | 1 | 1 | 1 | 1 | ۷ ۲ | · · | 1 | 1 | 1 | 1 | _ |
| AN ON AN OFF | PANORAMA ON/OFF | PSPAN ON <cr> PSPAN OFF<cr></cr></cr> | <· | | | - | - | - | - | | - | - | | - | | |
| AN ? IM UP IM DOWN | Return PSPAN Status DIMENSION UP/DOWN, direct change to **dB **:00 to 99 by ASCII, 00=0, | PSPAN ? <cr> PSDIM UP<cr> PSDIM DOWN<cr></cr></cr></cr> | PSDIM 00 <cr> PSDIM 00<cr></cr></cr> | - | - | - | - | - | - | - | | - | - | - | - | į |
| M ** M ? | AVR can be operated from 0 to 6 Return PSDIM Status | PSDIM DOWN <cr> PSDIM 00<cr> PSDIM ?<cr></cr></cr></cr> | S- | - | - | - | - | • | - | - | - | ÷ | | - | - | |
| EN UP EN DOWN | CENTER WIDTH UP/DOWN, direct change to **dB **:00 to 99 by ASCII, 00=0 | PSCEN UP <cr> PSCEN DOWN<cr></cr></cr> | PSCEN 07 <cr> PSCEN 07<cr></cr></cr> | | - | - | - | • | | - | - | - | - | - | ÷ | į |
| EN ** EN ? EI UP | AVR can be operated from 0 to 7 Return PSCEN Status CENTER IMAGE UP/DOWN , direct change to **dB | PSCEN 07 <cr> PSCEN ?<cr> PSCEI UP<cr></cr></cr></cr> | PSCEI 10 <cr></cr> | | | | - | | | | - | - | | | | į |
| I DOWN II ** II? | **:00 to 99 by ASCII , 00=0.0AVR can be operated from 0.0 to 1.0 Return PSCEI Status | PSCEI DOWN <cr> PSCEI 10<cr> PSCEI ?<cr></cr></cr></cr> | PSCEI 10 <cr></cr> | | | | - | | - | - | | | | | | |
| EG UP EG DOWN | CENTER GAIN UP/DOWN , direct change to **dB **:00 to 99 by ASCII , 00=0.0 | PSCEG UP <cr> PSCEG DOWN<cr></cr></cr> | PSCEG 10 <cr> PSCEG 10<cr></cr></cr> | | - | - | | - | | | - | - | - | - | | |
| EG ** EG ? ES ON | AVR can be operated from 0.0 to 1.0 Return PSCEG Status CENTER SPREAD ON/OFF | PSCEG 10 <cr> PSCEG ?<cr> PSCES ON<cr></cr></cr></cr> | ¢. | - | - | - | | | | | | | - | | - | |
| ES OFF ES ? | Return PSCES Status | PSCES OFF <cr> PSCES ?<cr></cr></cr> | <- | 1 | 1 | 1 | 1 | 1 | √ √ | ✓ | 1 | <i>J</i> | 1 | 1 | 1 | |
| IEURAL ON IEURAL OFF IEURAL ? | Neural:X ON/OFF Return PSNEURAL Status | PSNEURAL ON-CR> PSNEURAL OFF-CR> PSNEURAL ?-CR> | <- | \ \ \ \ | | 1 | 1 1 1 | <i>y y y</i> | \ \ \ | y y | <i>y y</i> | \frac{1}{\sqrt{1}} | <i>J J</i> | \ \ \ \ | \ \ \ | |
| WR ON WR OFF | SW ON/OFF ※DIRECT.STEREO(2ch) mode | PSSWR ON <cr> PSSWR OFF<cr></cr></cr> | <- | <i>\</i> | 1 | 1 | 1 | 1 | √ √ | > > | > > | 1 | 1 | 1 | 1 | |
| WR ? SZ S SZ MS | Return PSSWR Status ROOM SIZE direct change | PSSWR ? <cr> PSRSZ S<cr> PSRSZ MS<cr></cr></cr></cr> | < | 1 | <i>y y</i> | | > > > | 1 | \ \ \ | < < < | y y | <i>J J</i> | 1 | 1 | 1 | |
| SZ M SZ ML | | PSRSZ M <cr> PSRSZ ML<cr></cr></cr> | <- | <i>J</i> | 1 | 1 | 1 | 1 | 1 | ✓ | <i>y</i> | <i>y</i> | 1 | 1 | 1 | |
| SZ L | Return PSRSZ Status AUDIO DELAY UP/DOWN , direct change to ***dB | PSRSZ L <cr> PSRSZ ?<cr> PSDELAY UP<cr></cr></cr></cr> | PSDELAY 200 <cr></cr> | 1 | | | V V | 1 | \ \ \ | V V | <i>y y</i> | <i>J J</i> | 1 | 1 | 1 | |
| ELAY DOWN ELAY *** | ***:000 to 999 by ASCII , 000=0ms, 200=200ms AVR can be operated from 0 to 200 | PSDELAY DOWN <cr> PSDELAY 200<cr></cr></cr> | PSDELAY 200 <cr> PSDELAY 200<cr> <-</cr></cr> | 1 | 1 | 1 | 1 | 1 | √ ✓ | ✓ ✓ | / | √ √ | 1 | 1 | 1 | |
| ELAY? STR OFF STR LOW | Return PSDELAY Status AUDIO RESTORER direct change RSTR LOW=MODE3 | PSDELAY ? <cr> PSRSTR OFF<cr> PSRSTR LOW<cr></cr></cr></cr> | <- <- | 1 | <i>J</i> | 1 | 1 | 1 | \ \ \ | \ \ \ | <i>y y</i> | \ \ \ | 1 | 1 | 1 | |
| STR MED STR HI | RSTR MID=MODE2 RSTR HI=MODE1 | PSRSTR MED <cr> PSRSTR HI<cr></cr></cr> | <- <- | 1 | 1 | 1 | 1 | <i>y y</i> | <i>y y</i> | V | 1 | <i>J</i> | 1 | 1 | 1 | |
| RONT SPA RONT SPB | Return PSRSTR Status FRONT SPEAKER direct change | PSRSTR ? <cr> PSFRONT SPA<cr> PSFRONT SPB<cr></cr></cr></cr> | <- | 1 | 1 | 1 | 1 | 1 | √ ✓ | √ √ √ | 1 | 1 | 1 | 1 | 1 | |
| RONT A+B RONT? JROPR SMA | Return PSFRONT Status Auro-Matic 3D Preset direct change (Auro-3D Upgrade only) | PSFRONT A+B <cr> PSFRONT?<cr></cr></cr> | < | \ \ \ \ | 1 | 1 | V | 1 | √ √ | √ √ | <i>y</i> | 1 | 1 | 1 | 1 | ī |
| ROPR MED ROPR LAR | , rans mano 55 i reset uneut change (Auro-50 opgrade only) | PSAUROPR SMA <cr> PSAUROPR MED<cr> PSAUROPR LAR<cr></cr></cr></cr> | <- | √ √ | 1 | - | - | - | | - | - | - | - | - | i | |
| IROPR SPE IROPR ? | Return PSAUROPR Status Auro-Matic 3D Strength UP/DOWN , direct change to ** (Auro-3D Upgr | PSAUROPR SPE <cr> PSAUROPR ?<cr></cr></cr> | <- | 1 | 1 | - | | - | | | - | - | - | - | · | Ì |
| UROST UP UROST DOWN UROST ** | **:00 to 99 by ASCII , 01=1, 10=10AVR can be operated from 1 to 16 | PSAUROST DOWN <cr> PSAUROST **</cr> | <- <- PSAUROST 10 <cr></cr> | √ √ | 1 | - | - | - | | - | - | - | - | - | - | ì |
| UROST ? FF | Return PSAUROST Status Picture Mode direct change^ -Off | PSAUROST ? <cr> PVOFF<cr></cr></cr> | <- | 1 | 1 | - | - | - | - √ | - 1 | - | - | - | - | i | |
| TD OV | -Standard -Movie | PVSTD <cr> PVMOV<cr></cr></cr> | <- | 1 | <i>J</i> | 1 | 1 | 1 | √ ✓ | 1 | 1 | 1 | 1 | 1 | - | |
| VD TM | -Vivid -Stream | PVVVD <cr> PVSTM<cr></cr></cr> | < . | 1 | | 1 | V V | 1 | \ \ \ | V V | <i>y y</i> | \ \ \ | 1 | 1 | - | Į |
| TM AY GT | -Costom -ISF Day -ISF Night | PVCTM <cr> PVDAY<cr> PVNGT<cr></cr></cr></cr> | <- | 1 | 1 | 1 | 1 | 1 | 1 | ✓ ✓ | 1 | 1 | 1 | 1 | | |
| N UP | Return PSPV Status CONTRAST UP/DOWN . direct change to **dB | PV? PVCN UP <cr></cr> | PVCN 050 <cr></cr> | 1 | | | 1 | 1 | \ \ \ | \ \ \ | <i>y y</i> | 1 | 1 | 1 | | Į |
| N DOWN | ***:000 to 100 by ASCII , 050=0 AVR can be operated from :50 to +50(000 to 100) | PVCN DOWN <cr> PVCN 050<cr></cr></cr> | PVCN 050 <cr></cr> | 1 | 1 | 1 | 1 | 1 | ✓ | √ | 1 | 1 | 1 | 1 | - | |
| ON? | Return PSCN Status BRIGHTNESS UP/DOWN, direct change to **dB | PVCN ? <cr> PVBR UP<cr> PVBR DOWN<cr></cr></cr></cr> | PVBR 050 <cr> PVBR 050<cr></cr></cr> | 1 | | 1 | V V | \ \ \ | \ \ \ | > > | \ \ \ | <i>J J</i> | \ \ \ | \ \ \ | - | į |
| R UP R DOWN | *************************************** | PVBR DOWN <cr> PVBR 050<cr></cr></cr> | <- C | 1 | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | 1 | 1 | 1 | - | i |
| R DOWN | ***:000 to 100 by ASCII , 050=0 AVR can be operated from -50 to +50(000 to 100) | | | | | | _ | | | _ | | | | | | ٦ |
| R DOWN | ***:000 to 100 by ASCIT , 050=0 ***AVR Can be operated from -50 to +50(000 to 100) Return PSBR Status CHROMA LEVEL Saturation UP/DOWN , direct change to **dB | PVBR (SUCCR> PVBR ? <cr> PVST UP<cr> PVST DOWN<cr></cr></cr></cr> | PVST 050 <cr> PVST 050<cr></cr></cr> | J J | | | 1 | \ \ \ | 1 | V V | 1 1 | 1 | 1 | 1 | - | ļ |

| | | HUE UP HUE DOWN | HUE UP/DOWN , direct change to **dB **:44 to 56 by ASCII , 50=0 | PVHUE UP <cr> PVHUE DOWN<cr></cr></cr> | PVHUE 50 <cr> PVHUE 50<cr></cr></cr> | - | - | - | - | - | - | - | - | | - | - | | | |
|---------------|--|--|--|--|---|---|--|--|---|--|--|---|----------------------------|--|---------------------------------------|------------------|---------------------------------------|-----|-----------------------|
| | | HUE ** HUE ? DNR OFF | AVR can be operated from -6 to +6(44 to 56) Return PSHUE Status DNR direct change | PVHUE 50 <cr> PVHUE ?<cr> PVDNR OFF<cr></cr></cr></cr> | · | - | - | - | - | - | | - | - | - | - | | | | - |
| | | DNR LOW DNR MID | DAN GIREC CHAINE | PVDNR LOW <cr> PVDNR MID<cr></cr></cr> | <- <- | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | - |
| | | DNR HI DNR ? | Return PVDNR Status ENHANCER UP/DOWN, direct change to **dB | PVDNR HI <cr> PVDNR ?<cr> PVENH UP<cr></cr></cr></cr> | C. C | 1 | 1 | 1 | ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | - |
| | | ENH UP ENH DOWN ENH *** | **:00 to 12 by ASCII, 00=0AVR can be operated from 0 to 12 | PVENH UP <cr> PVENH DOWN<cr> PVENH 12<cr></cr></cr></cr> | PVENH 12 <cr> PVENH 12<cr></cr></cr> | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | - |
| ZONE2 Control | Z2 | ENH ? SOURCE | Return PVENH Status ZONE2 mode cancel (ZONE2 source is same as MAIN ZONE) | PVENH ? <cr> Z2SOURCE<cr></cr></cr> | <- | 1 | ✓ | 1 | ✓ | 1 | 1 | √ √ | 1 | 1 | 1 | 1 | - / | | - / |
| | | PHONO | ZONE2 mode set , and select source | Z2PHONO <cr></cr> | <- | | | | | | | | | | | | | | |
| | | | | | | 1 | 1 | 1 | 1 | - | - | - | | | - | - | - - | | - |
| | | | | | | | | | | | | | | | | | | | |
| | | CD | | Z2CD <cr></cr> | <- | 1 | 1 | 1 | 1 | _ | 1 | 1 | 1 | √ | 1 | , | | | |
| | | TUNER | | Z2TUNER <cr></cr> | <- | 1 | 1 | √ | | √ | √ | 1 | 1 | √ | 1 | 1 | | / / | |
| | | DVD BD | *X1200.S710:DVD/Blu-rav is selected | Z2DVD <cr> Z2BD<cr></cr></cr> | <- - | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 1 | / / | ✓ |
| | | TV SAT/CBL MPLAY | | Z2TV <cr> Z2SAT/CBL<cr> Z2MPLAY<cr></cr></cr></cr> | < | \ \ \ \ | 1 | 1 | \ \ \ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | / / | |
| | | GAME HDRADIO | (North America model Only) | Z2GAME <cr> Z2HDRADIO<cr></cr></cr> | « « | · / | | | <i>J</i> | · / | · - | <i>y</i> | · / | · - | · / | · / | | / / | |
| | | PANDORA | * 2014 AVR: Online Music is selected (North America model Only) | Z2NET <cr> Z2PANDORA<cr></cr></cr> | c- | 1 | - | - | - | 1 | - | - | 1 | - | - | - | / / / - | | - |
| | | SIRIUSXM SPOTIFY LASTFM | (North America model Only) (North America & Europe model Only) (Europe model Only) | Z2SIRIUSXM <cr> Z2SPOTIFY<cr> Z2LASTFM<cr></cr></cr></cr> | <- <- | - | | | - | - | - | - | - | - | - | - | | | - |
| | | FLICKR IRADIO | (Curupe made Only) | Z2FLICKR <cr> Z2IRADIO<cr></cr></cr> | < | - | - | - | - / | - / | - / | - / | - | - | - / | - / | | | - / |
| | | SERVER FAVORITES | | Z2SERVER <cr> Z2FAVORITES<cr></cr></cr> | <- <- | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | / / | / / | ✓ |
| | | AUX1 AUX2 AUX3 | *X1100.S700:AUX . Other:AUX1 is selected (when Additional Source is set to On) | Z2AUX1 <cr> Z2AUX2<cr> Z2AUX3<cr></cr></cr></cr> | < | 1 | \ \ \ | 1 | √ √ | 1 | 1 | <i>J</i> | 1 | √ √ | 1 | 1 | | / | - |
| | | AUX4 AUX5 | (when Additional Source is set to On) (when Additional Source is set to On) | Z2AUX4 <cr> Z2AUX5<cr></cr></cr> | <- <- | - | - | - | - | - | - | - | - | - | - | - | - | | - |
| | | AUX6 AUX7 | (when Additional Source is set to On) (when Additional Source is set to On) | Z2AUX6 <cr> Z2AUX7<cr></cr></cr> | <- | - | - | - | - | | - | - | - | | - | - | | | - |
| | | USB/IPOD | Bluetooth | Z2BT <cr> Z2USB/IPOD<cr></cr></cr> | <- | \ \ \ \ | <i>y</i> | 1 | \ \ \ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | / / | 1 |
| | | IPD IRP | Select INPUT source iPod/USB and Start Playback Select INPUT source iPod/USB and iPod DIRECT Start Playback Select INPUT source Online Music and iRadio Recent Play | Z2USB <cr> Z2IPD<cr> Z2IRP<cr></cr></cr></cr> | <- <- | 1 | | 1 | | 1 | 1 | √ ✓ | <i>y</i> | 1 | 1 | 1 | | 1 | 1 |
| | | FVP QUICK1 | Select INPUT source Online Music and Favorites Play Z2 QUICK SELECT 1-5 MODE SELECT | Z2FVP <cr> Z2QUICK1<cr></cr></cr> | c- | 1 | | 1 | √ √ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | \ \ \ | ' 1 | 1 |
| | | QUICK2 QUICK3 | ‡ | Z2QUICK2 <cr> Z2QUICK3<cr></cr></cr> | « | \ \ \ | 1 | 1 | 1 | <i>y y y</i> | 1 | 1 | 1 | 1 | 1 | 1 | 1 1 | ′ / | |
| | | QUICK4 QUICK5 | ‡ | Z2QUICK4 <cr> Z2QUICK5<cr></cr></cr> | <- <- Z2QUICK0 <cr></cr> | 1 | 4 | <i>J</i> | ✓ ✓ | 1 | ✓ ✓ | 1 | 1 | 1 | 1 | \ \ \ | <i>y y</i> | | 1 |
| | | QUICK2 MEMORY | Z2 QUICK SELECT 1-5 MODE MEMORY | Z2QUICK1 MEMORY <cr> Z2QUICK2 MEMORY<cr></cr></cr> | e- | 1 | 1 | 1 | √ √ | 1 | 1 | 1 | √ √ | 1 | 1 | √ √ | \ \ \ | ' 1 | 1 |
| | | QUICK3 MEMORY QUCIK4 MEMORY | † | Z2QUICK3 MEMORY <cr> Z2QUICK4 MEMORY<cr></cr></cr> | < | 1 | 1 | 1 | ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | ′ ✓ | ✓ |
| | | QUICK5 MEMORY QUICK ? UP | Return Z2QUICK Status ZONE2 VOLUME UP/DOWN, direct change to **dB | Z2QUICK5 MEMORY <cr> Z2QUICK ?<cr> Z2UP<cr></cr></cr></cr> | Z280 <cr></cr> | \ \ \ \ | 1 | 1 | \ \ \ | 1 | 1 | 1 | 1 | 1 | 1 | \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 1 | |
| | | DOWN ** | **:00 to 98 by ASCII , 80=0dB, 00=(MIN) | Z2DOWN <cr> Z280<cr></cr></cr> | Z280 <cr> Z280<cr></cr></cr> | √ ✓ | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | <i>y y</i> | | / / | |
| | | ON | Refer to Volume CMD sheet ZONE2 ON/OFF change | Z2ON <cr></cr> | e- | 1 | 1 | 1 | 1 | 1 | / | 1 | √ | <i>\</i> | 1 | 1 | / / | 1 1 | 1 |
| | | OFF ? | Return Z2 Status | Z2OFF <cr> Z2?<cr></cr></cr> | SPCD-CP. | \ \ \ | 1 | 1 | ✓ ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 1 | / / | y |
| | | | %If ZONE2 mode is selected, "Z2" status returns %If REC mode is selected, "SR" status returns **If PEC mode is selected, "SR" status returns **If ZONE2 mode is selected, "Z2" status returns **If ZONE2 mode is selected, "SR" status returns **If ZONE2 mode is selected, "SR" status returns **If ZONE2 mode is selected, "SR" status returns **If ZONE2 mo | | SRCD <cr> SRUSB DIRECT<cr></cr></cr> | ✓ ✓ | 1 | 1 | \ \ \ | 1 | 1 | 1 | 1 | 1 | 1 | <i>J J</i> | 7 7 7 | / / | 1 |
| | | | | | SRIPOD DIRECT <cr> SRSOURCE<cr></cr></cr> | 1 | √ √ | 1 | √ √ | 1 | / | √ ✓ | 1 | 1 | 1 | 1 | 1 1 | / / | 1 |
| | Z2MU | ON OFF | ZONE2 OUTPUT MUTE ON/OFF change | Z2MUON <cr> Z2MUOFF<cr></cr></cr> | <- <- | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | / / | ✓ |
| | Z2CS | ST MONO | Return Z2MU Status ZONE2 Channel setting | Z2MU? <cr> Z2CSST<cr> Z3CSMONO-CR></cr></cr> | <- | <i>y y</i> | 1 | 1 | \ \ \ | 1 | 1 | 1 | - | - | - | - | | | - |
| | Z2CV | MONO ? FL UP | Return Z2CS Status ZONE2 CHANNEL VOLUME UP/DOWN, direct change to **dB | Z2CSMONO <cr> Z2CS?<cr> Z2CVFL UP<cr></cr></cr></cr> | Z2CVFL 50 <cr></cr> | 1 | 1 | 1 | <i>y</i> | 1 | 1 | <i>y</i> | - | - | - | - | | | |
| | | FL DOWN FL ** | FRONT Lch **:38 to 62 by ASCII , 50=0dB | Z2CVFL DOWN <cr> Z2CVFL 50<cr></cr></cr> | Z2CVFL 50 <cr></cr> | 1 | ✓ | 1 | ✓ | 1 | 1 | √ √ | 1 | 1 | 1 | √ √ | | | |
| | | FR UP FR DOWN FR ** | ZONE2 CHANNEL VOLUME UP/DOWN , direct change to **dBFRONT Rch | Z2CVFR UP <cr> Z2CVFR DOWN<cr></cr></cr> | Z2CVFR 50 <cr> Z2CVFR 50<cr></cr></cr> | 1 | <i>y</i> | 1 | <i>y y</i> | 1 | 1 | 1 | 1 | 1 | 1 | <i>J</i> | | | - |
| | Z2HPF | ? ON | **:38 to 62 by ASCII _ 50=0dB Return Z2CV Status ZONE2 HPF ON/OFF | Z2CVFR 50 <cr> Z2CV?<cr> Z2HPFON<cr></cr></cr></cr> | ¢- | 1 | <i>y</i> | 1 | <i>y</i> | 1 | 1 | <i>y</i> | <i>y</i> | · | <i>y</i> | <i>y</i> | | | |
| | | OFF ? | Return Z2HPF Status | Z2HPFOFF <cr> Z2HPF?<cr></cr></cr> | ¢- | 1 | 1 | <i>y</i> | √ √ | 1 | 1 | 1 | - | - | | - | | | - |
| | Z2PS | BAS UP BAS DOWN BAS ** | ZONE2 BASS UP/DOWN, direct change to **dB **:00 to 99 by ASCII, 00=0dB from -10 to +10(40 to 60) | Z2PSBAS UP <cr> Z2PSBAS DOWN<cr></cr></cr> | Z2PSBAS 50 <cr> Z2PSBAS 50<cr></cr></cr> | 1 | 1 | 1 | ✓ | 1 | 1 | 1 | • | - | - | • | | | - |
| | | BAS ? TRE UP | from -14 to +14 /2dBstep (36 to 64) ※X4100 only Return Z2PSBAS Status | Z2PSBAS 50 <cr> Z2PSBAS ?<cr></cr></cr> | <- | \ \ \ \ | 1 | | ✓ | 1 | 1 | 1 | - | | - | - | | | |
| | | | | 72DSTDE LID-CD- | 72DSTDE 60-CD- | | ./ | ./ | ./ | ./ | | | | | | | | | |
| | | TRE DOWN | ZONE2 TREBLE UP/DOWN , direct change to **dB **:00 to 99 by ASCII , 00=0dB from -10 to +10(40 to 60) from -14 to +14 /2dBstep (36 to 64) ※X4100 only | Z2PSTRE UP <cr> Z2PSTRE DOWN<cr> Z2PSTRE 50<cr></cr></cr></cr> | Z2PSTRE 50 <cr> Z2PSTRE 50<cr> <-</cr></cr> | 1 | 1 | \ \ \ | ✓ | 1 | \ \ \ | 1 | • | - | • | • | | | - |
| | Z2HDA | TRE DOWN TRE ** TRE ? THR | **:00 to 99 by ASCII . 00=0dB from -10 to +10(40 to 60) from -14 to +14 /2dBstep (36 to 64) | Z2PSTRE DOWN <cr> Z2PSTRE 50<cr> Z2PSTRE ?<cr> Z2HDA THR<cr></cr></cr></cr></cr> | | \ \ \ \ | \ \ \ \ | \frac{1}{\sqrt{1}} | \ \ \ \ | \ \ \ \ | \ \ \ \ | \ \ \ \ | | | | | | | |
| | | TRE DOWN TRE ** TRE ? THR PCM ? | "**00 to 99 by ASCII, 00-0dB from -10 to +10(40 to 60) from -14 to +14 (288tep(38 to 64) #X44100 only Return ZzPSTRE Status ZONEZMOM IOUI-Through ZONEZMOM IOUI-PCVM. ZONEZMOM IOUI-PCVM. RETURN ZUPH S Status | Z2PSTRE DOWN <cr> Z2PSTRE 50<cr> Z2PSTRE ?<cr> Z2HDA THR<cr> Z2HDA PCM<cr> Z2HDA PCM</cr></cr></cr></cr></cr> | | \frac{1}{2} | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{1} | \ \(\) | \ \ \ \ \ \ | \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | - | - | | | |
| | Z2SLP | TRE DOWN TRE ** TRE ? THR PCM ? OFF *** ? | "-00 to 99 by ASCII, 0.0-0dB from -10 to +10(40 to 60) from -14 to +14 ZBdstep (38 to 64) #X4100 only Return Z2PSTRE Status ZONEZMDM Out-Through ZONEZMDM Out-Through ZONEZMDM Status ZONEZ SLEEP TIMER setting ""-00 to 120 by ASCII, 0.10=10min. Return SLE Status | Z2PSTRE DOWN <cr> Z2PSTRE 50<cr> Z2PSTRE 5<cr> Z2PSTRE 7<cr> Z2HDA THR-CR> Z2HDA PCM-CCR> Z2HDA PCM-CCR> Z2SLPOFF<cr> Z2SLPOFCR> Z2SLP120<cr> Z2SLP120<cr></cr></cr></cr></cr></cr></cr></cr> | | / / / / / / / / | / / / / / / / | / / / / / / / / | / / / / / / / / | / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | - | | | - | 1 1 | / / | √ √ |
| | | TRE DOWN TRE ** TRE ? THR PCM ? OFF *** ? 2H | "-00 to 99 by ASCII. (00-0dB from -10 to +10(40 to 60) from -14 to +14 (288tep (38 to 64) #X44100 only Return ZZPSTRE Status ZONEZMOM IOUT-Through ZONEZMOM IOUT-Through ZONEZMOM IOUT-PCWARD RETURN ZDREAM IOUT-PCWARD ZDREAM ZDR | ZPSTRE DOWN-CR- ZPSTRE 90-CR- ZPSTRE 9-CR- ZPDAT PCM-CR- Z2HDA THR-CR- Z2HDA PCM-CR- Z2HDA PCM-CR- Z2HDAY-CR- Z2SIP-176-CR- Z2SIP-176-CR- Z2SIP-176-CR- Z2SIP-174-CR- Z2SIP-174-CR- Z2SIP-174-CR- | | / / / / / / / / / / / / / / / / / / / | \frac{1}{2} \frac\ | / / / / / / / / / / | / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / | / / / / / / / / / / / / | \ \ \ \ | \ \ \ \ | \ \ \ | \ \ \ \ | / / / / / / / / / / / / / / / / / / / | | \ \ \ \ \ |
| | Z2SLP | TRE DOWN TRE ** TRE ? THR PCM ? OFF *** ? | "-00 to 99 by ASCII. 0.0-0dB from -10 to +10/40 to 60) from -14 to +14 /2dBateq (38 to 64) #X4100 only Return Z2PSTRE Status ZONEZMBM OUNT-Proxph ZONEZMBM OUNT-PCM Return Z2HPA Status ZONEZ SLEEP TMMER setting "-00 to 120 by ASCII. 101=10min Return SLP Status ZONEZ SLEEP TMER ZONEZ AUTO Standby setting | ZZPSTRE DOWN-CR> ZZPSTRE DO-CRP ZZPSTRE 7-CRS ZZPDA THR-CRS ZZHDA THR-CRS ZZHDA THR-CRS ZZHDA TCRS ZZSLPOFF-CRS ZZSLPOFF-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSTBYZH-CRS ZZSTBYZH-CRS ZZSTBYZH-CRS ZZSTBYZH-CRS | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 1 | \ \ \ | 1 | 1 | / / / | | \frac{1}{\sqrt{1}} |
| ZONE3 Control | Z2SLP | TRE DOWN TRE ** TRE ? THR PCM ? OFF *** ? 2H 4H BH | "-00 to 99 by ASCII, 0.0-0dB from -10 to +10(40 to 60) from -14 to +14 ZBdstep (38 to 64) #X4100 only Return Z2PSTRE Status ZONEZMDM Out-Through ZONEZMDM Out-Through ZONEZMDM Status ZONEZ SLEEP TIMER setting ""-00 to 120 by ASCII, 0.10=10min. Return SLE Status | ZPPSTRE DOWN-CR> ZPPSTRE 90-CR> ZPPSTRE 7-CCR> ZPHOA THR-CCR> ZPHOA THR-CCR> ZPHOA PCM-CR> ZPHOA PCM-CR> ZSHDOFF-CCR> ZSH_P10-CCR> ZSH_P10-CR> ZSH_P14-CR> ZSH_P14-CR> ZSH_P14-CR> ZSH_P14-CR> ZSH_P14-CR> ZSH_P14-CR> | | / / / / / / / / / / / / / / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / / / / / / / / / / | \frac{1}{2} \tag{2} \t | / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ | \ \ \ \ \ \ | \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** THR PCM | "-00 to 99 by ASCII. 00-06B from -10 to +10(40 to 60) from -14 to +14 (288teq) (81 to 64) #X4100 only Return Z2PSTRE Status ZONEZMBM OUNT-Through ZNEZMBM OUNT-THOUGH ASSETS ASSETS ZNEZMBM OUNT-PCM Return Z2HPA Status ZONEZ SLEEP TIMER setting "-001 to 120 by ASCII. 101=10min Return SLP Status ZONEZ ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASSETT ASSETS ASSETT ASS | ZZPSTRE DOWN-CR> ZZPSTRE DO-CRP ZZPSTRE 7-CRS ZZPDA THR-CRS ZZHDA THR-CRS ZZHDA THR-CRS ZZHDA TCRS ZZSLPOFF-CRS ZZSLPOFF-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSTBY4H-CRS ZZSTBY4H-CRS ZZSTBY4H-CRS ZZSTBY4H-CRS ZZSTBY4H-CRS ZZSTBY4H-CRS ZZSTBY4-CRS ZZSTBY4-CRS ZZSTBY4-CRS ZZSTBY4-CRS ZZSTBY6-CRS ZZSTBY6-CRS | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | \frac{1}{\sqrt{1}} | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** THR PCM | "-00 to 99 by ASCII. 00-06B from -10 to +10(40 to 60) from -14 to +14 (288teq) (81 to 64) #X4100 only Return Z2PSTRE Status ZONEZMBM OUNT-Through ZNEZMBM OUNT-THOUGH ASSETS ASSETS ZNEZMBM OUNT-PCM Return Z2HPA Status ZONEZ SLEEP TIMER setting "-001 to 120 by ASCII. 101=10min Return SLP Status ZONEZ ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASS | ZZPSTRE DOWN-CR> ZZPSTRE DO-CRP ZZPSTRE 7-CRS ZZPDA THR-CRS ZZHDA THR-CRS ZZHDA THR-CRS ZZHDA TCRS ZZSLPOFF-CRS ZZSLPOFF-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSTBY4H-CRS ZZSTBY4H-CRS ZZSTBY4H-CRS ZZSTBY4H-CRS ZZSTBY4H-CRS ZZSTBY4H-CRS ZZSTBY4-CRS ZZSTBY4-CRS ZZSTBY4-CRS ZZSTBY4-CRS ZZSTBY6-CRS ZZSTBY6-CRS | | / / / / / / / / / / / / / / / / / / / | \frac{1}{2} \frac\ | \frac{1}{\sqrt{1}} \frac{1}{\sqr | / / / / / / / / / / / / / / / / / / / | \frac{1}{2} \tag{2} \t | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ | \ \ \ \ \ \ | \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZONE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** THR PCM | "-00 to 99 by ASCII. 00-06B from -10 to +10(40 to 60) from -14 to +14 (288teq) (81 to 64) #X4100 only Return Z2PSTRE Status ZONEZMBM OUNT-Through ZNEZMBM OUNT-THOUGH ASSETS ASSETS ZNEZMBM OUNT-PCM Return Z2HPA Status ZONEZ SLEEP TIMER setting "-001 to 120 by ASCII. 101=10min Return SLP Status ZONEZ ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASS | ZZPSTRE DOWN-CR> ZZPSTRE DO-CRP ZZPSTRE 7-CRS ZZPDA THR-CRS ZZHDA THR-CRS ZZHDA THR-CRS ZZHDA TCRS ZZSLPOFF-CRS ZZSLPOFF-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSLPZ-CRS ZZSTBY4H-CRS ZZSTBY4H-CRS ZZSTBY4H-CRS ZZSTBY4H-CRS ZZSTBY4H-CRS ZZSTBY4H-CRS ZZSTBY4-CRS ZZSTBY4-CRS ZZSTBY4-CRS ZZSTBY4-CRS ZZSTBY6-CRS ZZSTBY6-CRS | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | \frac{1}{\sqrt{1}} | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** TRE * TRE * THR 7 THR PCM 7 OFF ** 7 H H H H H H H H CH H H CH CT CD CD | "-00 to 99 by ASCII. 00-06B from -10 to +10(40 to 60) from -14 to +14 (288teq) (81 to 64) #X4100 only Return Z2PSTRE Status ZONEZMBM OUNT-Through ZNEZMBM OUNT-THOUGH ASSETS ASSETS ZNEZMBM OUNT-PCM Return Z2HPA Status ZONEZ SLEEP TIMER setting "-001 to 120 by ASCII. 101=10min Return SLP Status ZONEZ ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASS | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPBATE P-CR> ZZPBAT HR-CRE ZZHDA THR-CRE ZZHDA T-CRE ZZBAT ZZBAT-CRE ZZSLP ZZB-CRE ZZSLP ZZB- | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** TRE * TRE * THR 7 THR PCM 7 7 TH 4H 4H 4H H PH PCM 7 TH | "-00 to 99 by ASCII. 00-06B from -10 to +10(40 to 60) from -14 to +14 (288teq) (81 to 64) #X4100 only Return Z2PSTRE Status ZONEZMBM OUNT-Through ZNEZMBM OUNT-THOUGH ASSETS ASSETS ZNEZMBM OUNT-PCM Return Z2HPA Status ZONEZ SLEEP TIMER setting "-001 to 120 by ASCII. 101=10min Return SLP Status ZONEZ ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASS | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE DO-CR> ZZPSTRE 7-CR> ZZPBA THR-CR5 ZZPBA THR-CR5 ZZPBA THR-CR5 ZZBA PCM-CR5 ZZSB-PCR5 ZZSB-PCR | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** TRE * TRE * THE * THE PCM 7 7 7 7 2 44 49 H H H H H H H H H H H H H H H H H | "-00 to 99 by ASCII. 00-06B from -10 to +10(40 to 60) from -14 to +14 (288teq) (81 to 64) #X4100 only Return Z2PSTRE Status ZONEZMBM OUNT-Through ZNEZMBM OUNT-THOUGH ASSETS ASSETS ZNEZMBM OUNT-PCM Return Z2HPA Status ZONEZ SLEEP TIMER setting "-001 to 120 by ASCII. 101=10min Return SLP Status ZONEZ ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASSETS ASSETT ASS | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE DO-CR> ZZPSTRE 7-CR> ZZPBA THR-CR5 ZZPBA THR-CR5 ZZPBA THR-CR5 ZZPBA THR-CR5 ZZSB-PZ-CR5 ZZSB-PZ | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** TRE ** TRE * TRE * THE PCM | "".00 to 99 by ASCII, 00-0dB from -10 to +10(40 to 60) from -14 to +14 (20lste) (3 to 64) #X44100 only Return ZZPSTRE Status ZONEZMMO IOU-Through ZONEZMMOM Out-PCVM Return ZZHPA Status ZONEZ SLEEP TIMER setting "".001 to 120 by ASCIII, 019-10min. Return SLP Status ZONE2 Auto Standby setting ZONE2 Auto Standby setting ZONE2 Auto Standby setting ZONE3 mode cancel (ZONE3 source is same as MAIN ZONE) ZONE3 mode set , and select source | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CGR> ZZPSTRE P-CGR> ZZHOA THR-CRE- ZZHOA PCM-CR- ZZHOA PCM-CR- ZZSLPOFE-CR- ZZSLPO-CR- ZZSLPO-CR- ZZSLPV-CR- ZZSLPV-CR- ZZSTBYZH-CR- ZZSTBYZH-CR- ZZSTBYZH-CR- ZZSTBYZH-CR- ZZSTBYZH-CR- ZZSTBYZH-CR- ZZSTBYZH-CR- ZZSTBYZH-CR- ZZSTBYZH-CR- ZSSOURCE-CR- ZSPOW-CR- ZSPOW-CR- ZSPOW-CR- ZSWD-CR- ZSW | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** TRE ** TRE * TRE * THE PCM 7 OFF *** 7 2H 4H 8H OFF SOURCE PHONO TUNER DVD BD TV SATCEL MPLAY GAME HDRADIO NET | "".00 to 99 by ASCII, 00-0dB from -10 to +10(40 to 60) from -14 to +14 (20tset) (3 to 64) #X44100 only Return ZZPSTRE Status ZONEZMMO IOU-Through ZONEZMMOM Out-PCVM Return ZZHPA Status ZONEZ SLEEP TIMER setting "".001 to 120 by ASCIII, 019-10min. Return SLP Status ZONE2 Auto Standby setting ZONE2 Auto Standby setting ZONE2 Auto Standby setting ZONE3 mode cancel (ZONE3 source is same as MAIN ZONE) ZONE3 mode set , and select source (North America model Only) "2014 AVR : Online Music is selected | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CGR> ZZPSTRE P-CGR> ZZHOA THR-CGR> ZZHOA THR-CGR> ZZHOA THR-CGR> ZZSLD-CGR> ZZSLD-CGR> ZZSLP-CGR> ZZSLP-CGR> ZZSLP-CGR> ZZSLP-CGR> ZZSLP-CGR> ZZSTBYZH-CGR> ZZSSAT/CGR- ZZSSAT/CGR- ZZSSAT/CGR- ZZSSAT/CGR- ZZSGGME-CGR> ZZSGME-CGR> | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** TRE ** TRE * TRE * TRE * TRE * THE PCM ? OFF ? 2H 4H 9H OFF OFF CD TUNER DVD BD TV SATCBL MPLAY GAME HDRADIO | "".00 to 99 by ASCII. (0.00dB from -10 to +10(40 to 60) from -14 to +14 (288tep (38 to 64) #X44100 only Return Z2PSTRE Status ZONEZMBM OUT-Through ZONEZMBM OUT-Proval Return Z2HP Status ZONEZ SLEEP TIMER setting "".001 to 12 by ASCIII. 0.10±10min. Return SLP Status ZONEZ Auto Standby setting ZONEZ Auto Standby setting ZONEZ Auto Standby setting ZONEZ Auto Standby setting ZONEZ mode cancel (ZONES source is same as MAIN ZONE) ZONES mode set, and select source | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE DO-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZHOA THR-CRS- ZZHOA THR-CRS- ZZHOA THR-CRS- ZZHOA-CRS- ZZSLP-ZCRS- ZZSLP-ZCRS- ZZSLP-ZCRS- ZZSLP-ZCRS- ZZSLP-ZCRS- ZZSTBYZH-CRS- ZZSMPLAY-CRS- ZZSMP | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZONE3 Control | Z2SLP | TRE DOWN TRE " TRE " TRE " TRE ? THE PCM ? OFF ? 2H 4H 6F OFF 7 SOURCE PHONO TUNER DVD BD BD BD BD SATCBL MPLAY GAME HDRADIO NET PANDORA SIRIUSXM SPOTIFY LASTEM FLICKR | "".00 to 99 by ASCII. 00-0dB from -10 to +10(40 to 60) from -14 to +14 (20lste) (38 to 64) #X44100 only Return Z2PSTRE Status ZONEZMMO IOU-Through ZONEZMMO IOU-PCVM Return Z2HP5 Astatus ZONEZ SLEEP TIMER setting "".001 to 120 by ASCIII. 010-10min. Return SLP Status ZONE2 Auto Standby setting ZONE2 Auto Standby setting ZONE2 Auto Standby setting ZONE2 Auto Standby setting ZONE3 mode cancel (ZONE3 source is same as MAIN ZONE) ZONE3 mode set , and select source (ZONE3 mode set , and select source mode) ZONE3 mode set , and select source (ZONE3 mode set , and select source mode) ZONE3 mode set , and select source (ZONE3 mode set , and select source mode) ZONE3 mode set , and select source (ZONE3 mode) ZONE3 mode set , and select source (ZONE3 mode) ZONE3 mode set , and select source (ZONE3 mode) ZONE3 mode set , and select source (ZONE3 mode) ZONE3 mode set , and select source (ZONE3 mode) ZONE3 mode set , and select source (ZONE3 mode) ZONE3 mode set , and select source (ZONE3 mode) ZONE3 mode set , and select source (ZONE3 mode) ZONE3 mode set , and select source (ZONE3 mode) ZONE3 mode set , and select source (ZONE3 mode) ZONE3 mode set , and select source (ZONE3 mode) ZONE3 mode set , and zone3 mode set , and zone3 mode) ZONE3 mode set , and zone3 mode) ZONE3 mode set , and zone | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE DO-CR> ZZPSTRE P-CGR> ZZPSTRE P-CGR> ZZHOA THR-CRE ZZHOA THR-CRE ZZHOA CRE ZZSHOZ-CR- ZZSHOZ-CR- ZZSHOZ-CR- ZZSHOZ-CR- ZZSHOZ-CR- ZZSHOZ-CR- ZZSTBYZH-GR- ZSTBYZH-GR- ZZSTBYZH-GR- ZZSTBYZH- Z | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** TRE ** TRE * TRE * THE PCM * ? OFF ? 2H 4H 6H 6FF ? SOURCE PHONO TUNER DVD BATCEL B | "".00 to 99 by ASCII. 0.00-d0B from -10 to +10(40 to 60) from -14 to +14 (288tep (38 to 64) #X44100 only Return Z2PSTRE Status ZONEZMBM 0.01-Through ZONEZMBM 0.01-PCMM Return Z2HP5 Status ZONEZ SLEEP TIMER setting "".001 to 12 by ASCIII. 0.10=10min. Return SLP Status ZONEZ Auto Standby setting ".20 to 2 to | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE DO-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZHOA THR-CR- ZZHOA PCM-CR- ZZHOA PCM-CR- ZZHOA PCM-CR- ZZSHD ZZHO-CR- ZZSHD ZZHO-CR- ZZSHD ZZSHD-CR- ZZSHD-CR- ZZSHD-CR- ZZSTBYZH-GR- ZZSPOTIFY-GR- ZZSPOTIFY- ZZSPOTIFY-GR- ZZSPOTIFY-GR- ZZSPOTIFY- | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** TRE ** TRE * TRE * THR PCM | "".00 to 99 by ASCII, 00-0dB from -10 to +10/40 to 60) from -14 to +14 (288tep (38 to 64) #X4100 only Return Z2PSTRE Status ZONEZMMO UNI-Through ZONEZMMOM Duti-PCM Return Z2HPA Status ZONEZ SLEEP TIMER setting "".001 to 12 by ASCIII, 010=10min Return SLP Status ZONEZ Auto Standby setting ZONEZ Auto Standby setting Seturn Z2STBY Status ZONEZ and standby setting Return SLP Status ZONEZ mode set , and select source is same as MAIN ZONE) ZONEA mode cancel. (ZONE3 source is same as MAIN ZONE) ZONE3 mode set , and select source (North America model Only) (North America model Only) (North America model Only) (North America Seturous model Only) (Europe model Only) (Europe model Only) | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE DO-CR> ZZPSTRE 7-CR> ZZSSTRE 7-CRS ZZSTRE 7-CRS ZZST | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** TRE ** TRE * | "".00 to 99 by ASCII. (00-0dB from -10 to +10/40 to 60) from -14 to +14 /28dBetg (38 to 64) #X4100 only Return Z2PSTRE Status ZONEZMMO UNI-Through ZONEZMMO UNI-Through ZONEZMMOH Status ZONEZ SLEEP TIMER Setting "".001 to 12 by ASCIII. (10=10min. Return X2H9 ASCIII. (10=10min. Return X2H9 ASCIII. (10=10min. Return X2H9 ASCIII. (10=10min. ZONEZ Auto Standby setting ZONEZ Auto Standby setting ZONEZ Auto Standby setting ZONEZ More as a setting ".001 to 12 by ASCIII. (10=10min. Return Z2STBY Status. ZONE3 mode cancel. (ZONE3 source is same as MAIN ZONE) ZONE3 mode set, and select source (North America model Only) "Roth America model Only) (North America model Only) (North America model Only) (North America model Only) (North America model Only) (Worth America Returoe model Only) (Worth America model Only) (Worth Additional Source is set to Onl) (When Additional Source is set to Onl) (When Additional Source is set to Onl) | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE DO-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CRS- ZZSSTRE P-CRS- ZZSSP-ZZSS- ZZSSP-ZZSS- ZZSSP-ZZSS- ZZSSP-ZZSS- ZZSSP-ZZSS- ZZSSP-ZZSS- ZZSSTRY-STR- ZZSTSTW-STR- ZZSTSTW-STR- ZZSTSTW-STR- ZZSTRY-STR- ZZSSTRY-STR- ZZSSTRY- ZZSSTRY- ZZSSTRY-STR- ZZSSTRY-STR- ZZSSTRY-STR- ZZSSTRY-STR- ZZSSTRY- ZZSSTR | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZONES Control | Z2SLP | TRE DOWN TRE ** TRE ** TRE ** TRE * THE TOH | "".00 to 99 by ASCII. (00-0dB from -10 to +10/40 to 60) from -14 to +14 /28date() 48 to 64) #X4100 only Return Z2PSTRE Status ZONEZMMO UNI-Through ZONEZMMO UNI-Through ZONEZMMOH Status ZONEZ SLEEP TIMER Setting "".001 to 12 by ASCIII. (10t=10min. Return X2HP ASCIII. (10t=10min. Return X2STBY Status. ZONEZ Auto Standby setting ".001 to 12 by ASCIII. (10t=10min. Return X2STBY Status. ZONE3 mode cancel. (2CNE3 source is same as MAIN ZONE) ZONE3 mode set, and select source (North America model Only) (North Additional Source is set to Onl) | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE DO-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CRS- ZZSSTRE P-CRS- ZZSSSTRE P-CRS- ZZSSSTRE P-CRS- ZZSSSTRE P-CRS- ZZSSSTRE P-CRS- ZZSSSTRE P-CRS- ZZSSTRE P-CRS- ZZS | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** TRE ** TRE * TRE * THE PCM | ""00 to 99 by ASCII, 00-0dB from -10 to +10(40 to 60) from -14 to +14 (288tep (38 to 64) #X44100 only Return Z2PSTRE Status ZONEZMMO Unt-Through ZONEZMMOM Out-PCM Return Z2HPA Status ZONEZ SLEEP TIMER setting """001 to 120 by ASCIII, 016-10min Return SLP Status ZONEZ Auto Standby setting Return Z2HPA SSCIII, 016-10min Return SLP Status ZONEZ Auto Standby setting ZONEZ mode cancel (ZONE3 source is same as MAIN ZONE) ZONE3 mode set , and setect source (North America model Only) "2014 AVR : Online Music is selected (North America model Only) (North America seturoce model Only) (North America seturoce model Only) (North America Seuroce is set to On) (when Additional Source is set to On) | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZHDA THR-CRE ZZHDA THR-CRE ZZHDA CRE- ZZHDA CRE- ZZSHDZ-CR- ZZSHDZ-CR- ZZSHDZ-CR- ZZSHDZ-CR- ZZSHDZ-CR- ZZSHDZ-CR- ZZSHDZ-CR- ZZSHDZ-CR- ZZSTBZ-CR- ZZSSTBZ-CR- ZZSBZ-CR- ZZSBZ-ZZBZ-CR- ZZSBZ-CR- ZZSBZ-CR- ZZSBZ-CR- ZZSBZ-CR- ZZSBZ-CR- ZZSBZ-ZZBZ-CR- ZZSBZ-CR- ZZS | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZONE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** TRE ** TRE * TRE * THR PCM 7 OFF ** ** * * * * * * * * * * * * * * * | "" "" "Oto 199 by ASCII, 00-0dB from -10 to +10(40 to 60) from -14 to +14 (28tetp (38 to 64) **X4100 only Return Z2PSTRE Status ZONEZMMO Unti-Through ZONEZMMOM Out-PCM Return Z2HPA Status ZONEZ SLEEP TIMER setting """ "" "" " " " " " " " " " | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CGR> ZZPSTRE P-CGR> ZZHOA THR-CRE ZZHOA THR-CRE ZZHOA THR-CRE ZZHOA THR-CRE ZZSHD-CRE ZZSHD-CRE ZZSHD-CRE ZZSHD-CRE ZZSHD-CRE ZZSHD-CRE ZZSTBYZH-GRE ZZSTBYZH-GRE ZZSTBYZH-GRE ZZSTBYZH-GRE ZZSTBYZH-GRE ZZSTBYZH-CRE ZZSTBYZH-GRE ZZSTBYZH-GRE ZZSTBYZH-GRE ZZSTBYZH-GRE ZZSTBYZH-GRE ZZSTBYZH-GRE ZZSTBYZH-GRE ZZSTBYZH-GRE ZZSTBYZH-GRE ZZSTBYZ-GRE ZZSBYZ-GRE ZZSBYZ-GR | | | | / / / / / / / / / / / / / / / / / / / | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** TRE ** TRE * | "".00 to 99 by ASCII. (0.00dB from -10 to +10/40 to 60) from -14 to +14 /28date() 48 to 64) #X4100 only Return Z2PSTRE Status ZONEZMMO UNI-Through ZONEZMMOM Out-PCM Return Z2HPA Status ZONEZ SLEEP TIMER setting "".001 to 12 by ASCIII. 0.10±10min. Return SLP Status ZONEZ Auto Standby setting "".001 to 12 by ASCIII. 0.10±10min. Return SLP Status ZONEZ Auto Standby setting ".001 to 2 by ASCIII. 0.10±10min. Return Z2STBY Status ZONEZ mode cancel (2CNE3 source is same as MAIN ZONE) ZONEA mode set, and select source ZONEA mode set, and select source (North America model Only) (North America model Only) (North America model Only) (North America model Only) (North America set one) selected (North America model Only) (Functional Source is set to Onlowhen Additional Source is set to On | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZHOA THR-CRE ZZHOA THR-CRE ZZHOA THR-CRE ZZHOA PCM-CRE ZZSHD ZZHOA PCM-CRE ZZSHD ZZSHD-CRE ZZSHDZ-CRE ZZSHDZ-CRE ZZSHDZ-CRE ZZSTBYZH-CRE ZZSHDZ-CRE ZZSHDZ- | | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** TRE ** TRE * | "".00 to 99 by ASCII., 00-0dB from -10 to +10(40 to 60) from -14 to +14 (28tetp (38 to 64) %X4100 only Return Z2PSTRE Status ZONEZMMO Unti-Through ZONEZMMOM Out-PCM Return Z2PHS AStatus ZONEZ SLEEP TIMER setting "".".001 to 120 by ASCIII. 019-10min. Return SLP Status ZONEZ Auto Standby setting ZONEZ AUTO Standby sett | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZHOA THR-CRE ZZHOA THR-CRE ZZHOA THR-CRE ZZHOA PCM-CRE ZZSHD ZZHOA PCM-CRE ZZSHD ZZHOA PCM-CRE ZZSHD | | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TRE DOWN TRE ** TRE ** TRE ** TRE * THE COFF * ** * * * * * * * * * * * * * * * * | "".00 to 99 by ASCII., 00-0dB from -10 to +10(40 to 60) from -14 to +14 (28tetp (38 to 64) %X4100 only Return Z2PSTRE Status ZONEZMMO Unti-Through ZONEZMMOM Out-PCM Return Z2PHS AStatus ZONEZ SLEEP TIMER setting "".".001 to 120 by ASCIII. 019-10min. Return SLP Status ZONEZ Auto Standby setting ZONEZ AUTO Standby sett | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CGR> ZZPSTRE P-CGR> ZZPSTRE P-CGR> ZZHOA THR-CRE ZZHOA THR-CRE ZZHOA THR-CRE ZZSHD ZZESTRE P-CGR> ZZSLPIZ-CRS ZZSLPIZ-CRS ZZSLPIZ-CRS ZZSLPIZ-CRS ZZSLPIZ-CRS ZZSTBYZ-H-CRS ZZSTBYZ-H-CRS ZZSTBYZ-H-CRS ZZSTBYZ-CRS ZZSBYZ-CRS | ZZPSTRE 50¢CR> ¢ ¢ c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TREE DOWN TREE " TREE " TREE " TREE ? THER PCM | "".00 to 99 by ASCII., 00-0dB from -10 to +10(40 to 60) from -14 to +14 (28tetp (38 to 64) %X4100 only Return Z2PSTRE Status ZONEZMMO Unti-Through ZONEZMMOM Out-PCM Return Z2PHS AStatus ZONEZ SLEEP TIMER setting "".".001 to 120 by ASCIII. 019-10min. Return SLP Status ZONEZ Auto Standby setting ZONEZ AUTO Standby sett | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZHOA THR-CGE ZZHOA PCM-CGB- ZZHOA PCM-CGB- ZZSLP PZ-CRS- ZZSLP PZ-CRS- ZZSLP PZ-CRS- ZZSLP PZ-CRS- ZZSLP PZ-CRS- ZZSLP PZ-CRS- ZZSTRY-M-CGB- ZZSTRY-CGB- ZZSTRY-M-CGB- ZZSTRY-CGB- ZZSTRY- | | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TREE DOWN TREE 7 TREE 7 TREE 7 THER PCM 7 7 7 7 7 7 7 7 8 4 4 4 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 | "".00 to 99 by ASCII. (0.00-d0B from -10 to +10(40 to 60) from -14 to +14 (288tep (38 to 64) #X4100 only Return Z2PSTRE Status ZONEZMMO UNI-Through ZONEZMMO UNI-Through ZONEZMMO Status ZONEZ SLEEP TIMER Status ZONEZ SLEEP TIMER Status ZONEZ SLEEP TIMER Status ZONEZ SLEEP TIMER STATUS STATUS ZONEZ AUTO Standby settling "".001 to 12 by ASCIII. 0.10=10min. Return X2PS Status ZONEZ Auto Standby settling ZONEZ Auto Standby settling ZONEZ Auto Standby settling ZONEZ Mode set, and select source is same as MAIN ZONE) ZONEZ mode set, and select source is same as MAIN ZONE) ZONEZ mode set, and select source (CONEZ source is same as MAIN ZONE) ZONEZ mode set, and select source (CONEZ source is same as MAIN ZONE) ZONEZ mode set, and select source in same as MAIN ZONE) ZONEZ mode set, and select source is set to Only (when Additional Sour | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZHOA THR-CRE ZZHOA PCM-CRE ZZHOA PCM-CRE ZZSHD PS-CRS- ZZSH PZ-CRS- ZZSH PZ-CRS- ZZSH PZ-CRS- ZZSH PZ-CRS- ZZSH PZ-CRS- ZZSTBY-H-L-CR- ZZSTBY-H-L-CR- ZZSTBY-H-L-CR- ZZSTBY-H-CR- ZZSTBY-CR- ZZSTBY- | ZZPSTRE 50¢CR> ¢ ¢ c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZONES Control | Z2SLP | TREE DOWN TREE ? TREE ? TREE ? THER PCM ? ? OFF . ? ? SUBJECT STATE STAT | "".00 to 99 by ASCII. 00-00/8 from -10 to +10/40 to 60) from -14 to +14 /28detep (38 to 64) #X4100 only Return Z2PSTRE Status ZONEZMMO UNI-Through ZONEZMMOM Out-PCM Return Z2HPS AStus ZONEZ SLEEP TIMER setting "".001 to 12 by ASCIII. 019=10min. Return SLP Status ZONEZ SLEEP TIMER setting ".001 to 12 by ASCIII. 019=10min. Return SLP Status ZONEZ Auto Standby setting ZONEZ Mode cancel (ZONE3 source is same as MAIN ZONE) ZONEZ mode cancel (ZONE3 source is same as MAIN ZONE) ZONE3 mode set, and select source CONE3 mode set, and select source (North America model Only) (North America model Only) (North America model Only) (North America model Only) (North America set on to 10 min Min Min Min Min Min Min Seurce is set to On) (when Additional Source is set to On) | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZHOA THR-CRE ZZHOA PCM-CRE ZZHOA PCM-CRE ZZSIB PZ-CRS- ZZSIB | ZZPSTRE 50cCR> c c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TREE DOWN TREE " TREE " TREE " TREE ? THER PCM | "**Ot to 99 by ASCII, 00-0dB from -10 to +10(40 to 60) from -14 to +14 (28tetg) (38 to 64) %X4100 only Return Z2PSTRE Status ZONEZMMO Unit-Through ZONEZMMO Unit-Through ZONEZMMO Unit-Through ZONEZMMO Out-PCM Return Z2PHS ASItus ZONEZ SLEEP TIMER setting "**Ot 10 12 by ASCII, 101=10min. Return SLP Status ZONEZ Auto Standby setting ZONEZ MOREZ AUTO STANDBY SETTING AUTO STANDBY | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CRS- ZZPSTRE PS-CRS- ZZHOA THR-CRE- ZZHOA PCM-CRS- ZZHOA PCM-CRS- ZZSHD ZZHOA-CRS- ZZSHDZ-CRS- ZZSHDZ-CRS- ZZSHDZ-CRS- ZZSHDZ-CRS- ZZSHDZ-CRS- ZZSTBZ-YH-GRS- ZSTBZ-YH-GRS- ZZSTBZ-YH-GRS- ZSTBZ-YH-GRS- Z | ZZPSTRE 50¢CR> ¢ ¢ c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TREE DOWN TREE ? TREE ? TREE ? TREE ? THE PCM ? ? OFF ? ? SOURCE PHONO CD TUNER DVD BD TY SOURCE PHONO TUNER DVD BD TY SOURCE PHONO CD CD CD CD CD CD CD CD CD C | "**Ot to 99 by ASCII. (00-0dB from -10 to +10/40 to 60) from -14 to +14 /28dateg (38 to 64) #X4100 only Return Z2PSTRE Status ZONEZMMO UNI-Through ZONEZMMOM Out-PCM Return Z2HPS AStus ZONEZ SLEEP TIMER setting "***Ot 10 12 by ASCIII. (10t=10min. Return SLP Status ZONEZ SLEEP TIMER setting "****Ot 10 12 by ASCIII. (10t=10min. Return SLP Status ZONEZ Auto Standby setting ZONEZ Auto Standby setting ZONEZ Mode cancel (2CNE3 source is same as MAIN ZONE) ZONE3 mode cancel (2CNE3 source is same as MAIN ZONE) ZONE3 mode set, and select source (North America model Only) (When Additional Source is set to On) | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZHOA THR-CGB- ZZHOA THR-CGB- ZZHOA THR-CGB- ZZSLPDG-CR- ZZSLPT-CR- ZZSLPT-CR- ZZSLPT-CR- ZZSLPT-CR- ZZSLPT-CR- ZZSSLPT-CR- ZZSSLPT-CR- ZZSSLPT-CR- ZZSSLPT-CR- ZZSSLPT-CR- ZZSSTW-CR- ZZSSTW-CR- ZZSSTW-CR- ZZSSTW-CR- ZSSDW-CR- ZSSDW-CR- ZSSDW-CR- ZSSDW-CR- ZSSDW-CR- ZSSDW-CR- ZSSDW-CR- ZSSDW-CR- ZSSW-CR- ZSW-CR- | ZZPSTRE 50¢CR> c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP | TREE DOWN TREE ? TREE ? TREE ? TREE ? THE PCM ? ? OFF . ? ? SURCE PHONO TUNER OFF . SOURCE PHONO TUNER OVD BD TUNER BD TUNER OVD BD TUNER BD TUNER BD TUNER BD TUNER BT USBB COUICK BEMORY OUICK OU | "".00 to 99 by ASCII, 00-0dB from -10 to +10/40 to 60) from -14 to +14 (288tep (38 to 64) #X4100 only Return Z2PSTRE Status ZONEZMMO Unit-Through ZONEZMMOM Duit-PCM Return Z2PSTRE Status ZONEZ SLEEP TIMER setting "".00 to 12 by ASCII, 101s-10min Return SLP Status ZONEZ SLEEP TIMER setting "".00 to 12 by ASCII, 101s-10min Return SLP Status ZONEZ Auto Standby setting "".00 to 12 by ASCII, 101s-10min Return Z2STBY Status ZONEZ Auto Standby setting "".00 to 12 by ASCII, 101s-10min Return Z2STBY Status ZONEZ mode cencel (ZONE3 source is same as MAIN ZONE) ZONE3 mode set, and select source (North America model Only) (Furce model Conly) select in Additional Source is set to Onl (when Additional Source is set to Onl (w | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CGR> ZZSSTRE P-CGR> ZZSSSTRE P-CGR> ZZSSSTRE P-CGR> ZZSSSTRE P-CGR> ZZSSSTRE P-CGR> ZZSSTRE P-CGR> ZZSSTRE P-CGR> ZZSTRE P-CGR> ZZST | ZZPSTRE 50¢CR> c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP Z2STBY Z3MU | TREE DOWN TREE ? TREE ? TREE ? TREE ? THE PCM ? ? OFF . ? ? SURCE PHONO CD TUNER DOVD BD TUNER BD TUNE | "".00 to 99 by ASCII, 00-0dB from -10 to +10/40 to 60) from -14 to +14 (288tep (38 to 64) #X4100 only Return Z2PSTRE Status ZONEZMMO Unt-Procub ZONEZMMOM Out-PCM Return Z2PSTRE Status ZONEZ SLEEP TIMER setting "".001 to 12 by ASCII, 101=10min. Return SLP Status ZONEZ Auto Standty setting "".001 to 12 by ASCII, 101=10min. Return SLP Status ZONEZ Auto Standty setting ZONEZ Auto Standty setting "".001 to 12 by ASCII, 101=10min. Return Z4PSTBY Status ZONEZ mode cancel (ZONE3 source is same as MAIN ZONE) ZONE3 mode set, and select source (North America model Only) (North America Source is set to Only when Additional Source is set to Only only only only | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CGR> ZZSSTRE P-CGR> ZZSSSTRE P-CGR> ZZSSSTRE P-CGR> ZZSSSTRE P-CGR> ZZSSSTRE P-CGR> ZZSSTRE P-CGR> ZZSSTRE P-CGR> ZZSTRE P-CGR> ZZST | ZZPSTRE 50¢CR> c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNES Control | ZZSTBY | TREE DOWN TREE ? TREE ? TREE ? TREE ? THE PCM ? ? OFF . ? ? SURCE PHONO TUNER OFF . SOURCE PHONO TUNER OVD BD TUNER BD T | "".00 to 99 by ASCII. 00-00/8 from -10 to +10/40 to 60) from -14 to +14 (288tep (38 to 64) #X4100 only Return Z2PSTRE Status ZONEZMMO Unti-Through ZONEZMMOM Outi-PCM Return Z2PSTRE Status ZONEZ SLEEP TIMER setting "".001 to 12 by ASCII. 101s-10min. Return SLP Status ZONEZ SLEEP TIMER setting "".001 to 12 by ASCII. 101s-10min. Return SLP Status ZONEZ Auto Standby setting "".001 to 12 by ASCII. 101s-10min. Return Z4PS Status ZONEZ mode cancell (ZONE3 source is same as MAIN ZONE) ZONE3 mode set, and select source (North America model Only) "2014 AVR: Online Music is selected (North America model Only) (North America model Only) (North America model Only) (North America model Only) (Furpose model Only) when Additional Source is set to Only when Additional Source is set to Only other Additional Source is set to Only other Additional Source is set to Only other Additional Source is set to Only - Select INPUT source USB and USB Start Playback Select INPUT source USB and USB Start Playback Select INPUT source NET/USB and Favorites Play Z3 QUICK SELECT 1-5 MODE SELECT Z3 QUICK SELECT 1-5 MODE MEMORY Select INPUT source NET/USB and Favorites Play Z3 QUICK SELECT 1-5 MODE MEMORY Return Z5 Status ZONE3 VOLUME UP/DOWN , direct change to "dB ""01 to 98 by ASCII. 80-048, 00s(MIN) Refer to Volume CMb sheet ZONE3 UTPUT MUTE ON/OFF change Return Z3 USBUS ZONE3 Channel setting | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CGR> ZZSBD-CGR- ZZSSP-CGR- ZZSSP-CGR- ZZSSP-CGR- ZZSSP-CGR- ZZSSTBY-GGR- ZZSSTBY-GGR- ZZSTBY-GGR- ZZSP-GGR- ZZSP-GGR- ZZSP-GGR- ZZSP-GGR- ZZSP-GGR- ZZSP-GGR- ZZSBY-GGR- ZZSSBY-GGR- ZZSSBY-GGR | ZZPSTRE 50¢CR> c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP Z2STBY Z3MU | TREE DOWN TREE ? TREE ? TREE ? TREE ? THER PCM ? 7 7 7 7 7 1 4 4 4 4 4 4 4 4 4 7 7 7 7 7 | "**Ot to 99 by ASCII, 00-0d/B from -10 to +10/40 to 60) from -14 to +14 (288tep) (38 to 64) %X4100 only Return Z2PSTRE Status ZONEZMMO UNI-Through ZONEZMMOM Duti-PCVM Return Z2PHS AStatus ZONEZ SLEEP TIMER setting "***Ot 12 to 30 ASCIII, 101=10min. Return SLP Status ZONEZ SLEEP TIMER setting "****Ot 12 to 30 ASCIII, 101=10min. Return SLP Status ZONEZ Auto Standby setting Settinn ZSSTBY Status ZONEZ Mode cancel. (ZONE3 source is same as MAIN ZONE) ZONE3 mode set, and sefect source (North America model Only) "2014 AVR: Online Music is selected (North America model Only) (North America Source is set to On) (when Additional Source is set to On) Blustooth Select INPUT source USB and USB Start Playback Select INPUT source NETASB and Reador Recept Play Z3 QUICK SELECT 1-5 MODE MEMORY Return MSQUICK Status ZONES OLINE UP/DOWN, direct change to "dB "***Ot 0 set by ASCII, 80-0dB, 00=(MIN) Refer to Volume CMD sheet ZONES OLINET VITUE ON/OFF change Setturn Z3ML Status ZONES CHANNEL VOLUME UP/DOWN, direct change to "dB | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZHDA T-KR-CRS ZZHDA T-KR-CRS ZZSHD T-KR-CRS ZZSHD T-KR-CRS ZZSHDY-GRS ZZSHPZ-GRS ZZSHPZ-CRS ZZSHPZ-CRS ZZSHPZ-CRS ZZSHPZ-CRS ZZSHPZ-CRS ZZSHPZ-CRS ZZSHPZ-CRS ZZSHPZ-CRS ZZS | ZZPSTRE 50¢CR> c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP Z2STBY Z3MU Z3CS | TREE DOWN TREE ? TREE ? TREE ? TREE ? TREE ? TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN | "".00 to 99 by ASCII, 00-0d/B from -10 to +10/40 to 60) from -14 to +14 (288tep (38 to 64) %X4100 only Return Z2PSTRE Status ZONEZMMO UNI-Through ZONEZMMOM DUI-PCM Return Z2PHO Status ZONEZ SLEEP TIMER setting "".001 to 12 by ASCIII, 019=10min. Return SLP Status ZONEZ SLEEP TIMER setting "".001 to 12 by ASCIII, 019=10min. Return SLP Status ZONEZ Auto Standby setting "".001 to 12 by ASCIII, 019=10min. Return Z2STBY Status ZONEZ mode cancel. (ZONE3 source is same as MAIN ZONE) ZONE3 mode set, and select source (North America model Only) (North Additional Source is set to On) (when | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CR> ZZPSTRE P-CRS- ZZSSP-ZZPSTRE P-CRS- ZZSSP-ZZSSP-ZZSSP-ZZSSP-ZZSSP-ZZSSP-ZZSSP-ZZSSP-ZZSSP-ZZSSP-ZZSSP-ZZSSP-CRS- ZZSSP-ZZSSSP-ZZSSP-ZSSP-ZZSSP | ZZPSTRE 50+CR> c c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP Z2STBY Z3MU Z3CS | TREE DOWN TREE ? TREE ? TREE ? THER PCM ? ? OFF . ? ? SUBJECT STATE STAT | "**Ot to 99 by ASCII, 00-0dB from -10 to +10/40 to 60) from -14 to +14 (288tep) (38 to 64) **X4100 only Return Z2PSTRE Status ZONEZMMO Unit-Through ZONEZMMOM Duit-PCM Return Z2PHS Status ZONEZ SLEEP TIMER setting "***Ot 12 to 30 ASCIII, 101=10min Return SLP Status ZONEZ SLEEP TIMER setting "****Ot 12 to 30 ASCIII, 101=10min Return SLP Status ZONEZ Auto Standby setting ***ZONEZ Mode cancel (ZONE3 source is same as MAIN ZONE) ZONE3 mode cancel (ZONE3 source is same as MAIN ZONE) ZONE3 mode set, and select source (North America model Only) (North America m | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZHOA T-KR-CRS ZZHOA T-KR-CRS ZZSHD Z-CRS ZZSTRY-H-CRS ZZSTRY-H- | Z2PSTRE 50+CR> c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNES Control | Z2SLP Z2STBY Z3MU Z3CS | TREE DOWN TREE ? TREE ? TREE ? TREE ? TREE ? THE PCM ? ? OFF . ? SUBJURY SET | "**Ot to 99 by ASCII, 00-0dB from -10 to +10/40 to 60) from -14 to +14 (288tep) (38 to 64) #X4100 only Return Z2PSTRE Status ZONEZMMO UNI-Through ZONEZMMOM Duti-PCM Return Z2PHO Status ZONEZ SLEEP TIMER setting "***Ot 10 to 20 by ASCII, 101=10min Return SLP Status ZONEZ SLEEP TIMER setting ZONEZ Auto Standby settling Seturn Z2STBY Status ZONEZ Auto Standby settling Seturn Z2STBY Status ZONEZ and Standby settling Seturn Z2STBY Status ZONEZ mode set , and select source is same as MAIN ZONE) ZONE3 mode set , and select source North America model Only) North America model Only) North America model Only) North America model Only North America model Only (when Additional Source is set to On) (when Additi | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CGR> ZZPSTRE P-CGR> ZZPSTRE P-CGR> ZZHOA THR-CGR- ZZHOA PCM-CGR- ZZHOA PCM-CGR- ZZHOA PCM-CGR- ZZSHD ZZHOA-CR- ZZSHD ZZHOA-CR- ZZSHD ZZHOA-CR- ZZSHD ZZHOA-CR- ZZSHD ZZHOA-CR- ZZSTBYZH-GR- ZZSPO-TRY-CR- ZZS | ZZPSTRE 50+CR> c c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZONES Control | Z2SLP Z2STBY Z3MU Z3CS Z3CV | TREE DOWN TREE ? TREE ? TREE ? TREE ? THER PCM ? 7. GFF ? 7. THER PCM ? THER | "**Ot to 99 by ASCII, 00-0d/B from -10 to +10/40 to 60) from -14 to +14 (288tep) (38 to 64) #X4100 only Return Z2PSTRE Status ZONEZMMO UNI-Through ZONEZMMOM DUI-PCM Return Z2PHO Status ZONEZ SLEEP TIMER setting "***Ot 10 12 by ASCII, 01-91-91 Return Z2PHO ASCII, 01-91-91 Return XSCII, 01-91-91 Return Z3PHO ASCII, 01-91-91 Return Z3PHO | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZHOA THR-CRE ZZHOA P-CM-CRE ZZHOA P-CM-CRE ZZSH-ZZSH-ZZSH-ZZSH-ZZSH-ZZSH-ZZSH-ZZSH | ZZPSTRE 50+CR> c c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNES Control | Z2SLP Z2STBY Z3MU Z3GS Z3CV | TREE DOWN TREE 7 TREE 7 TREE 7 THER PCM 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | "".00 to 99 by ASCII, 00-0dB from -10 to +10/40 to 60) from -14 to +14 (288tep (38 to 64) #X4100 only Return ZPSTRE Status ZONEZMMO Unti-Through ZONEZMMOM Duti-PCM Return ZEMPS AStatus ZONEZ SLEEP TIMER Setting "".001 to 12 by ASCIII, 01-9d from Return SLP Status ZONEZ SLEEP TIMER Setting ".001 to 12 by ASCIII, 01-9d from Return SLP Status ZONEZ Auto Standby settling Settin ZSTBY Status ZONEZ Auto Standby settling (North America model Only) "2014 AVR: Online Music is selected (North America model Only) (Worth America model Only) (Worth America model Only) (Worth America model Only) (Worth Additional Source is set to On) (when Additional | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZHOA THR-CRE ZZHOA P-CM-CRE ZZHOA P-CM-CRE ZZSLP ZZSLP-CR- ZSLP-CR- ZZSLP-CR- | ZZPSTRE 50+CR> c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP Z2STBY Z3MU Z3GS Z3CV | TREE DOWN TREE ? TREE ? TREE ? TREE ? THER PCM ? ? OFF ? ? SHAME OFF PHONO CD TUNER DOYD BD TUNER DVD BD TUNER BD BD BD BD TUNER BD | "" "" "Oto 199 by ASCII, 00-00/8 from -10 to +10/40 to 60) from -14 to +14 / (20late) (3 to 64) #X4100 only Return Z2PSTRE Status ZONEZMMO Unti-Procum Return Z2PHS Status ZONEZ SLEEP TIMER setting "" "" "00 11 01 20 by ASCII, 01-10min. Return SLP Status ZONEZ Auto Standby setting "" "201 14 AVR : Online Music is selected (North America model Only) "2014 AVR : Online Music is selected (North America model Only) (When Additional Source is set to Only when Additional Source is set to On | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZPSTRE P-CR> ZZHOA P-CM-CRS- ZZHOA P-CM-CRS- ZZSHD-CR- ZZSHD-CR- ZZSHD-CR- ZZSHD-CR- ZZSHD-CR- ZZSHD-CR- ZZSHD-CR- ZZSTBY-H-CR- ZZSTBY-H-CR- ZZSTBY-H-CR- ZZSTBY-H-CR- ZZSTBY-CR- ZZSTBY-CR- ZZSTBY-CR- ZZSTBY-CR- ZSSOURCE-CR- ZZSHO-CR- ZZSHO-C | ZZPSTRE 50+CR> c c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNE3 Control | Z2SLP Z2STBY Z3MU Z3GS Z3GV Z3HPF Z3PS | TREE DOWN TREE 7 TREE 7 TREE 7 THER PCM 7 7 2P1 4H H PCM 7 7 SOURCE PHONO CD TUNER DOVD BD TUNER BB TUNER BB BD TUNER BB | "''''''''''''''''''''''''''''''''''''' | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CGR> ZZSSTRY-CRS- ZZSSSTRY-CRS- ZZSSSTRY-CRS- ZZSSTRY-CRS- ZZSSTC- ZZSSTRY-CRS- ZZSSTC- ZZSSTRY-CRS- ZZSSTC- ZZSSTRY-CRS- ZZSSTC- ZZSSTRY-CRS- ZZSSTC- ZZSSTRY-CRS- ZZSSTC- ZZSSTRY-CRS- ZZSSTRY | ZZPSTRE 50+CR> c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNES Control | Z2SLP Z2STBY Z3MU Z3GS Z3CV | TREE DOWN TREE ? TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN | "'''''''' A 29 By A SCII , 00-06/B from -10 to +10/40 to 60) from -14 to +14 (288tet) (8 to 64) #X4100 only Return Z2PSTRE Status ZONEZMMO Unti-Procub Return Z2PSTRE Status ZONEZ SLEEP TIMER setting "'''''''''''''''''''''''''''''''''''' | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZPSTRE PS-CR> ZZHDAT-HR-CRS ZZHDAT-HR-CRS ZZSHDZ-HR-CRS ZZSHDZ-HR-CRS ZZSHDZ-HR-CRS ZZSHDZ-HR-CRS ZZSHDZ-HR-CRS ZZSTBYZH-LGR ZZSTBYZH-LGR ZZSTBYZH-LGR ZZSTBYZH-LGR ZZSTBYZH-CRS ZZSHDZ-CRS | ZZPSTRE 50+CR> c c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNES Control | Z2SLP Z2STBY Z3MU Z3GS Z3GV Z3HPF Z3PS | TREE DOWN TREE ? TOH ? OFF . ? SOURCE PHONO TUNER OFF . SOURCE PHONO TUNER OVD BD TUNER BD TUNER BD TUNER BD TUNER BR TUNER BR TUNER BT USBB BT B | "**Ot to 99 by ASCII, 00-00/8 from -10 to +10/40 to 60) from -14 to +14 (289ter) (38 to 64) #X4100 only Return Z2PSTRE Status ZONEZMMO Unti-Through ZONEZMMOM Duti-PCM Return Z2PHS AStatus ZONEZ SLEEP TIMER setting "***Ot 12 SLEEP TIMER setting "****Ot 12 SLEEP TIMER setting "****Ot 12 SLEEP TIMER setting "****Ot 12 SLEEP TIMER setting "******Oth 22 August ASCIII, 01-91-90 from: Return X2HS Status ZONEZ Auto Standby setting Setting ZSTEY Status ZONEZ Ando Standby setting (North America model Capy) "****Roth Andre Capy Status ZONES mode set, and select source Setting ZSTEY Status ZONES mode set, and select source (North America model Only) (North America Source is set to Onl (when Additional Source is set to OnlBluetooth Setect INPUT source USB and UPSD DRECT Start Playback Setect INPUT source USB and UPSD DRECT Start Playback Setect INPUT source USB and UPSD DRECT Start Playback Setect INPUT source USB and Payd DRECT Start Playback Setect INPUT source NET INS Band Payd DRECT Start Playback Setect INPUT source NET INS Band Payd DRECT Start Playback Setect INPUT source NET INS Band Paydriase Play 23 QUICK SELECT 1-5 MODE MEMORY 23 QUICK SELECT 1-5 MODE MEMORY Return MSQUICK Status ZONES VOLUME UPPDOWN , direct change to "dB | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CGR> ZZSBD ZZPSTRE P-CGR> ZZSBD ZZPSTRE P-CGR> ZZSBD ZZPSTRE P-CGR> ZZSSBTZPSTRE-CGR> ZZSTBYZH-LGR ZZSTBYZH-LGR ZZSTBYZH-LGR ZZSTBYZH-LGR ZZSTBYZH-LGR ZZSTBYZH-LGR ZZSTBYZH-CGR> ZZSBYZH-CGR> ZZSBYZH-CGR- ZZSBY | ZZPSTRE 50+CR> c c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |
| ZÖNES Control | Z2SLP Z2STBY Z3MU Z3CS Z3CV Z3HPF Z3PS | TREE DOWN TREE ? TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN | "" "" "Ot 19 9b y ASCII, 00-00/8 from -10 to +10/40 to 60) From -14 to +14 / (288tep) (38 to 64) #X4100 only Return ZPPSTRE Status ZONEZMMO Unti-Through ZONEZMMOM Duti-PCM Return ZPPSTRE Status ZONEZ SLEEP TIMER setting "" "" "01 10 12 bb ASCIII, 019-15 from: Return SLP Status ZONEZ SLEEP TIMER setting "" "01 10 12 bb ASCIII, 019-15 from: Return SLP Status ZONEZ Auto Standb setting "" Steturn ZSTBY Status ZONEZ Auto Standb setting "" "2014 AVR: Online Music is selected Roth America model Only) "2014 AVR: Online Music is selected Roth America model Only) Roth America model Only) (Roth America Source is set to Onl (when Additional Source is set to Onl (when Additional Source is set to Onl (when Additional Source is set to Onl) (when Additional Source is set to Onl) (when Additional Source is set to Onl) Bustooth Select INPUT source USB and USB Start Playback Select INPUT source USB and Pad DIRECT Start Playback Select INPUT source NETAS and Reador Recent Play 3 OUICK SELECT 1-5 MODE SELECT 23 OUICK SELECT 1-5 MODE MEMORY Return MSQUICK Status ZONES VOLUME UP/DOWN, direct change to "dB "" "" "" Return ZSMU Status ZONES CHANNEL VOLUME UP/DOWN, direct change to "dB "" "" "" "" "" "" "" "" "" | ZZPSTRE DOWN-CR> ZZPSTRE DOWN-CR> ZZPSTRE P-CR> ZZHOAT-RECRE ZZHOAT-RECRE ZZSHDY-GR- ZZSHC- | ZZPSTRE 50+CR> c c c c c c c c c c c c c c c c c c c | | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / | \frac{1}{2} \frac\ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{\sqrt{1}} |

| Tuner Control | TF | ANUP | TUNER Frequency UP/DOWN | TFANUP <cr></cr> | TFAN105000 <cr></cr> | 1 | _ | √ | 1 | √ | _ | √ | / | V | 1 | 1 | 1 | √ | 1 | Т |
|-----------------------------|-------|----------------------------|---|---|---|----------|----------|----------|----------|-------------|----------|----------|----------|----------|----------|----------|----------|-------------|-------------|----|
| | | ANDOWN AN***** | | TFANDOWN <cr></cr> | TFAN105000 <cr></cr> | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | (6 diaits) | ****.** kHz at AM band (>050000 is AM.) ****.** MHz at FM band (<050000 is FM.) | TFAN105000 <cr> (1050.00kHz at AM)</cr> | <- | | | · · | | <i>\</i> | • | | <i>y</i> | _ | · / | 1 | 1 | | | |
| | | AN? ANNAME? | Return TF Status Return RDS Station Name (EU,AP Only) | TFAN? <cr> TFANNAME?<cr></cr></cr> | TFANNAME123456878 <cr></cr> | | _ | _ | 1 | _ | 1 | √ | _ | 1 | _ | _ | 1 | 1 | \ | |
| | | | | | (Station Name"12345678") If station name is NULL: | - | 1 | - | - | - | ✓ | - | - | 1 | - | - | - | 1 | | ı |
| | TP | ANUP | TUNER PRESET CH UP/DOWN, direct change to No.** | TPANUP <cr></cr> | TPANINAME CP>/* "ic cooc | 0) 1 | / | 1 | 1 | _ | _ | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | |
| | | ANDOWN AN**(PRESET No.) | | TPANDOWN <cr> TPAN01<cr></cr></cr> | TPAN01 <cr></cr> | 1 | 1 | 1 | 1 | / | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | | | (PRESET No."01") | ٠ | | | | | | | | | | Ľ. | | | | , | |
| | | AN? | Return TP Status | TPAN? <cr></cr> | TPANOFF <cr></cr> | 1 | 1 | 1 | 1 | ✓ ✓ | 1 | 1 | 1 | 1 | 1 | 1 | \ \ | V | 1 | |
| | | ANMEM | TUNER PRESET MEMORY | TPANMEM <cr></cr> | TPANMEM <cr></cr> | | | | | | | | | | | | | | | |
| | | | | | TPANUP <cr> or TPANDOWN<cr></cr></cr> | | | | | | | | | | | | | | i | |
| | | | | | or TPANDOWN <cr></cr> | 1 | 1 | 1 | 1 | √ | 1 | √ | V | 1 | 1 | 1 | 1 | ✓ | 1 | ١. |
| | | | | | ↓ TPANMEM <cr></cr> | | | | | | | | | | | | | | ì | |
| | | ANMEM**(PRESET | N TUNER PRESET MEMORY | TPANMEM01 <cr></cr> | <- | 1 | 1 | 1 | 1 | √ | √ | 1 | √ | 1 | 1 | 1 | 1 | 1 | √ | ١, |
| | | | **: 01-56 | | | | | | | | | | | | | | | | | L |
| | TM | ANAM | TUNER BAND , MODE SelectBand set to AM | TMANAM <cr></cr> | <- | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | √ | |
| | | ANFM | Band set to FM | TMANFM <cr></cr> | <- | 1 | 1 | 1 | 1 | √ | 1 | 1 | V | 1 | 1 | 1 | 1 | 1 | ٧, | |
| | | AN? ANAUTO | Return TM StatusTuning mode set to AUTO mode | TMAN? <cr> TMANAUTO<cr></cr></cr> | <- | 1 | ✓ | ✓ | 1 | ✓ ✓ | ✓ | 1 | 1 | 1 | ✓ | 1 | 1 | | 1 | |
| adio Control | TF | ANMANUAL HDUP | Tuning mode set to MANUAL mode HD Channel UP/DOWN . direct change | TMANMANUAL <cr> TFHDUP<cr></cr></cr> | <- TFHD105000 <cr></cr> | ✓ - | - | - | - | √ - | - | √ - | √ - | - | √ - | - | - | √ - | - | |
| | | HDDOWN | | TFHDDOWN <cr></cr> | TFHD105000 <cr></cr> | - | - | - | - | | - | - | - | - | - | - | - | - | - | F |
| | | (6 digits) | ****,** kHz at AM band (>050000 is AM.) ****,** MHz at FM band (<050000 is FM.) | TFHD105000 <cr> (1050.00kHz at AM)</cr> | <- | | | | | | | | | | | | | | | |
| | | HDMC*(1 digit) | HD Multi Cast CH Select (*: Multi Cast 1~8, Analog 0) | TFHDMC2 <cr></cr> | <- | - | - | - | - | • | - | - | - | - | - | - | - | - | | ı |
| | | HD*****MC* | Frequency and HD Multi Cast CH Select | TFHD008750MC5 <cr></cr> | *command only | - | - | - | - | - | - | - | - | - | - | - | - | - | - | ₽ |
| | TP | HD? HDUP | Return TFHD Status HD PRESET CH UP/DOWN , direct change to No.** | TFHD? <cr> TPHDUP<cr></cr></cr> | TPHD01 <cr></cr> | | - | - | - | - | - | - | - | - | - | | - | - | | |
| | | HDDOWN HD** | **: 01-56 | TPHDDOWN <cr> TPHD01<cr></cr></cr> | TPHD01 <cr></cr> | - | - | - | - | | - | - | - | - | - | - | - | - | - | ₽ |
| | | (PRESET No.) | | (PRESET No."01") | | | | | | | | | | | | | | | | |
| | | HD? | Return TPHD Status | TPHD? <cr></cr> | TPHDOFF <cr></cr> | - | - | - | - | - | - | - | - | - | - | - | - | - | - | H |
| | | HDMEM | HD PRESET MEMORY | TPHDMEM <cr></cr> | TPHDMEM <cr></cr> | | | | | | | | | | | | | | | П |
| | | | | | TPHDUP <cr></cr> | | | | | | | | | | | | | | | ı |
| | | | | | or TPHDDOWN <cr> or TPHD**<cr></cr></cr> | | | ` | | | | | | | | | | | | ı |
| | | | | | TOUDMEN .CB. | | | | | | | | | | | | | | | |
| | | HDMEM**(PRESET | NHD PRESET MEMORY **: 01-56 | TPHDMEM01 <cr></cr> | <- | - | - | - | - | • | - | - | - | - | - | - | - | - | | ı |
| | TM | HDAM | HD RADIO BAND . MODE Select | TMHDAM <cr></cr> | <- | - | - | - | - | | - | - | - | - | - | - | - | - | | П |
| | | HDFM | Band set to AMBand set to FM | TMHDFM <cr></cr> | <- | - | - | | - | | - | - | - | | | | | - | - | |
| | | HDAUTOHD HDAUTO | Tuning mode set to AUTO-HD modeTuning mode set to AUTO mode | TMHDAUTOHD <cr> TMHDAUTO<cr></cr></cr> | < | - | - | - | - | - | - | - | - | - | | - | - | - | - | H |
| | | HDMANUAL | Tuning mode set to MANUAL mode | TMHDMANUAL <cr></cr> | <- | - | - | | - | | - | - | - | | | - | | - | - | ₽ |
| | | HDANAAUTO HDANAMANU | Tuning mode set to ANALOG AUTO modeTuning mode set to ANALOGMANUAL mode | TMHDANAAUTO <cr> TMHDANAMANU<cr></cr></cr> | <- | - | - | 1 | - | - | - | - | - | - | - | | | - | | H |
| | HD | HD? | Return TMHD Status Return HD Status | TMHD? <cr> HD?<cr></cr></cr> | | - | - | | - | | - | - | - | - | - | | | - | | F |
| | no. | • | BAND, STATION NAME, | | | | | | | | | | | | | | | | | П |
| | | | MULTI CAST CURRENT CHANNEL, MULTI CAST NUMBER, SIGNAL LEVE ARTIST, TITLE, ALBUM, GENRE, PROGRAM TYPE, | L. | | | | | | | | | | | | | | | | |
| | | | | | HDST NAME ******* <cr> HDSIG LEV 0<cr></cr></cr> | - | - | 1 | - | - | - | - | - | - | - | | | - | | F |
| | | | | | HDSIG LEV 1 <cr></cr> | - | - | | - | | - | - | - | | | | | - | - | |
| | | | | | HDSIG LEV 2 <cr> HDSIG LEV 3<cr></cr></cr> | - | - | - | - | - | - | - | - | - | | - | - | - | | H |
| | | | | | HDSIG LEV 4 <cr></cr> | - | - | | - | | - | - | - | - | | | | - | | F |
| | | | | | HDSIG LEV 5 <cr> HDSIG LEV 6<cr></cr></cr> | | | | | | | | | | | | | | | |
| | | | | | HDMLT CURRCH * <cr> HDMLT CAST CH *<cr></cr></cr> | - | - | - | - | - | - | - | - | | | - | - | - | - | H |
| | | | | | HDPTY (18 digits) <cr></cr> | | - | - | - | - | - | - | | - | - | | | - | | F |
| | | | | | HDARTIST (40 digits) <cr> HDTITLE (40 digits)<cr></cr></cr> | | | | | | | | | | | | | | | |
| | | | | | HDALBUM (40 digits) <cr> HDGENRE (23 digits)<cr></cr></cr> | - | - | - | - | - | - | - | - | | | - | - | - | - | H |
| | | | | | HDMODE DIGITAL <cr></cr> | - | | | - | | - | - | - | - | | | | - | - | ₽ |
| Music Contro | o/ NS | 90 | "Cursor Up" Control | NS90 <cr></cr> | HDMODE ANALOG <cr> **Command only</cr> | - | 1 | 1 | | <i>-</i> | <i>-</i> | √ | <i>-</i> | 1 | <i>-</i> | 1 | 1 | 1 | 1 | |
| Pod Control ooth Control | | 91 92 | "Cursor Down" Control "Cursor Left" Control | NS91 <cr> NS92<cr></cr></cr> | *command only *command only | 1 | 1 | ✓ ✓ | 1 | <i>\</i> | √ √ | √ √ | ✓ ✓ | 1 | 1 | 1 | 1 | √ √ | 1 | |
| | | 93 | "Cursor Right" Control | NS93 <cr></cr> | *command only | | 1 | 1 | ✓ | _ | √ | ✓ | _/ | 1 | _ | _/ | ✓ | 1 | 1 | , |
| | | 94 9A | "Enter (PlayPause)" Control "Play" Control | NS94 <cr> NS9A<cr></cr></cr> | **command only **command only | 1 | 1 | ✓ | 1 | / | 1 | ✓ | ✓ | 1 | 1 | 1 | 1 | ✓ | ✓ | |
| | | 9B 9C | "Pause" Control "Stop" Control | NS9B <cr> NS9C<cr></cr></cr> | *command only *command only | 1 | 1 | ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | √ √ | 1 | - |
| | | 9D | "Skip Plus" Control | NS9D <cr></cr> | *command only | _ | √ | ✓ | ✓ | / | ✓ | ✓ | ✓ | 1 | ✓ | _ | ✓ | / | ✓ | |
| | | 9E 9F | "Skip Minus" Control "Manual Search Plus" Control(USB/iPod.Media Server Bluetooth) | NS9E <cr> NS9F<cr></cr></cr> | *command only *command only | 1 | 1 | ✓ ✓ | 1 | \ \ | 1 | ✓ ✓ | ✓ ✓ | ✓ ✓ | 1 | 1 | 1 | > | > | ۳ |
| | | 9G 9H | "Manual Search Minus" Control(USB/iPod Media Server Bluetooth) "Repeat One" | NS9G <cr> NS9H<cr></cr></cr> | *command only *command only | | 1 | √ | 1 | √ | √ | √ | √ | 1 | √ | 1 | 1 | 1 | √ | |
| | | 511 | (Media Server, USB, iPod Direct, Bluetooth) | NOSHRORS | Scottmand only | 1 | 1 | 1 | 1 | ✓ | 1 | ✓ | 1 | 1 | ✓ | 1 | 1 | 1 | 1 | ١, |
| | | 91 | "Repeat All" | NS9I <cr></cr> | *command only | | | | | | | | | | | - | - | | | ⊢ |
| | | 51 | (Media Server,USB,iPod Direct,Bluetooth) | Nosicons | only second and only | _ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | / | 1 | 1 | / | ١, |
| | | | | | | | | | | | | | | | | | | | | |
| | | 9J | "Repeat Off" (Media Server, USB, iPod Direct, Bluetooth) | NS9J <cr></cr> | *command only | _ | , | , | / | ~ | _ | , | , | ., | ., | ., | , | , | 1 | Ι. |
| | | | ,, | | | ľ | • | | • | ٧ | ٧ | • | • | • | • | * | ľ | Ť | | ' |
| | 1 | 9K | "Random On"(Media Server, USB, Bluetooth) | NS9K <cr></cr> | *command only | 1 | 1 | 1 | / | √ | √ | √ | 1 | 1 | 1 | 1 | 1 | _ | 1 | ١. |
| | | | 10h #8-0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | i | ĺ |
| | | | "Shuffle Songs" Control (iPod Direct Only) | | | | 1 | 1 | | | | 1 | 1 | 1 | | | | | | 1 |
| | | 9M | | NS9M <cr></cr> | *command only | | | _ | | | | | | | | | + | | | + |
| | | 9M | "Random Off" (Media Server, USB, Bluetooth) | NS9M <cr></cr> | | 1 | 1 | 1 | 1 | ~ | 1 | 1 | √ | √ | 1 | v | v | √ | 1 | |
| | | | "Random Off" (Media Server, USB, Bluetooth) "Shuffle Off" Control (iPod Direct) | | | | | | | | | | | | | | | | | |
| | | 9W | "Random Off" (Media Server, USB, Bluetooth) "Shuffle Off Control (iPod Direct) Togale Switch "From iPod ModelOn Screen Mode" Control (iPod Directon) | NS9W <cr></cr> | *command only | <i>y</i> | V | 1 | 1 | V | ✓ | V | V | V | 1 | y | V | ~ | / | |
| | | | "Random Off" (Media Server, USB, Bluetooth) "Shuffle Off" Control (iPod Direct) Togale Switch "From iPod ModerOn Screen Mode" Control | | | ✓ ✓ | V | <i>y</i> | | > | | <i>J</i> | <i>y</i> | <i>y</i> | <i>y</i> | <i>y</i> | y | ~ | <i>y</i> | |

| | | RPT | "Repeat(toggle)" | NSRPT <cr></cr> | *command only | | | I | | | | 1 | ı | ı | 1 | | | | | _ |
|----------------|----------------|--|--|--|--|--|--|--|---|---|---|--|--|---|--|---|---|---|---------------------------------------|---|
| | | | (Media Server, USB, iPod Direct, Spotify, AirPlay, Bluetooth) "Random(toggle)" | | *command only | 1 | 1 | 1 | ✓ | ✓ | 1 | 1 | ✓ | 1 | 1 | 1 | 1 | 1 | ✓ | 1 |
| | | RND | "Nandom(toggle)" (Media Server,USB,iPod Direct,Spotify,AirPlay _t Bluetooth) | NSRND <cr></cr> | *command only | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | B** (PRESET No.) | Preset Call (except Bluetooth, USB/iPod) **: 90-55 → 00-35(2014 AVR) | NSB00 <cr></cr> | *command only | 1 | 1 | 1 | ٧. | ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ٧. | _ |
| | | (PRESET No.) | Preset Memory (except Bluetooth, USB/IPod) *: 90-55 - 0055(2014 AVR) Net Audio Preset Name status (UTF-8) (except Bluetooth, USB/IPod) | NSC00 <cr></cr> | NSC00-CR> | 1 | • | 1 | ✓ | √ | √ | V | <i>'</i> | 1 | 1 | <i>\</i> | 1 | <i>√</i> | 1 | _ |
| | | | | | NSH01*******(20 digits) <cr>(Preset Name : 02) NSH35******(20 digits)<cr>(Preset Name : 36)</cr></cr> | 1 | 1 | 1 | > | √ | ✓ | √ | 1 | 1 | 1 | 1 | 1 | 1 | > | • |
| | | FV MEM | Add Favorites folder | NSFV MEM <cr></cr> | | 1 | √ | √ | √ | √ | 1 | 1 | √ | 1 | 1 | 1 | 1 | √ | ✓ | _ |
| | NSA | | Return Onscreen Display Information List (ASCII CODE Character) *ASCII Character(MAX96byte)Null ?- Don't Care (The character after Null should be disregarded) %: Cursor&Playable Information Data(1byte) Bitt:Playable Nuis = 1 | NSA-CR> (Return NSA0-NSA8) | NSA0 <cr> (Return) NSA0 NSA1 **(Flag1byte)**** NSA1 **(Flag1byte)***** **,27?(95byte)<cr> NSA2 **(Flag1byte)***** **,27?(95byte)<cr **,27?(95byte)<cr="" **,27?(95byte)<cr<="" td=""><td>_</td><td><i>,</i></td><td>,</td><td>✓</td><td>,</td><td>√</td><td>,</td><td>✓</td><td>,</td><td>,</td><td>V</td><td>,</td><td>,</td><td>,</td><td>,</td></cr></cr></cr> | _ | <i>,</i> | , | ✓ | , | √ | , | ✓ | , | , | V | , | , | , | , |
| | | | BitZ-Directory BitS-Don't Care BitA-CURSOR SELECT=1 Bit7-Picture Bit6,6,8-Don't Care | | NSA3%(Flag1byte)*******_???(95byte) <c r=""> NSA4%(Flag1byte)******_???(95byte)<c r=""> NSA5%(Flag1byte)*****_???(95byte)<c r=""></c></c></c> | | | | | | | | | | • | | | | | |
| | | | | (example) | NSAONOW Playing USB_??????*CR- NSAO#SMG_??????????CR- NSAO#SMG_??????????CR- NSAO#SMG_? NSAO*SMG_? NSAO#SMG_? NSAO#SMG_? NSAO#SMG_? NSAO*SMG_? | | | | | | | | | | | | | | | |
| | | | | | R> NSA2#Artist_??????????????~CR NSA3#(????????????????CR NSA4#Album_????????????~CR NSA5_???????????????~CR | | | | | | | | | | | | | | | |
| | NSE | | Request Onscreen Display Information List | NSE <cr></cr> | NSA6_????????????????????? | J | _ | 1 | 1 | _ | _ | _ | V | / | / | 1 | 1 | _ | _ | _ |
| | NSE | | (UTF-8 CODE Character) *UTF-8 Character(MAX96byte) | (Return NSE0-NSE8) | NSE0 <cr> (Return)</cr> | _ | • | • | _ | • | | • | • | | | | _ | | | |
| | | | _NullNullPoint Care (The character after Null should be disregarded) %:Cursor&Playable Information Data(1byte) Bit1:Playable Nusic = 1 Bit2:Directory Bit3:Don't Care | | NSE1 **(Flag1byte)*** | , | , | 1 | √ | ~ | √ | ~ | , | √ | √ | 1 | ~ | ✓ | ~ | , |
| | | | Bit4:CURSOR SELECT=1 Bit7:Picture Bit5.6,8:Don't Care | (example) | NSE4%(Flag1byte)************************************ | | | | | | | | | | | | | l | | |
| | | | | | NSE2*Anist.???????????? <cr> NSE3**.2????????????????????????? NSE4*Album_?????????????<cr> NSE5**.00:11 100%_???<cr> NSE6_?????????????????<cr> NSE7_???????????????<cr> Bluetooth playback</cr></cr></cr></cr></cr> | | | | | | | | | | | | | | | |
| | | | | | NSENow Playing????????CRN NSE1#XTILLe_??????????????CR PSE2#Artist_???????????*CR PSE3#X???????????????????? <cr> NSE4#Album_???????????????? CR></cr> | | | | | | | | | | | | | | | |
| System Control | MN | CUP | "Cursor Up" Control | MNCUP <cr></cr> | NSE5_????????????????????? CR> **Command only | 1 | √ | 1 | 1 | / | 1 | | √ | 1 | / | _ | 1 | | _ | _ |
| | | CDN | "Cursor Down" Control | MNCDN <cr></cr> | *command only | ✓ | √ √ | V | √ √ | √ | <i>y y</i> | √ √ √ | \ \ \ | 1 | <i>J J</i> | \frac{1}{\sqrt{1}} | <i>y y</i> | <i>y y</i> | V | _ |
| | | CLT | "Cursor Left" Control | MNCLT <cr></cr> | | ✓ | | 1 | | ./ | | | | | - / | 1 | 1 | 1 | | |
| | | CLT CRT ENT RTN | "Cursor Right" Control "Enter" Control | MNCLT <cr> MNCRT<cr> MNENT<cr></cr></cr></cr> | | \ \ \ \ | <i>y y y</i> | √ √ | <i>y y</i> | <i>y y</i> | 1 | | ✓ ✓ | 1 | 7 | 1 | | ✓ | | |
| | | CRT ENT | 'Cursor Right' Control 'Enter' Control 'RETURN' Control 'OPTION' Control 'OPTION' Control 'INFO'Control | MNCLT <cr> MNCRT<cr> MNENT<cr> MNENT<cr> MNOPT<cr> MNOPT<cr></cr></cr></cr></cr></cr></cr> | %command only %command only %command only %command only %command only %command only | <i>y y y y y y</i> | \frac{1}{\sqrt{1}} | \ \ \ \ \ | > > > > > | y y y y | \ \ \ \ | \ \ \ | \ \ \ | \ \ \ | \ \ \ | 1 | \ \ \ | √ √ | > > | |
| | | CRT ENT RTN OPT INF CHL MEN ON | Cursor Right Control Finter Control RETURN Control OPTION Control NPCOCentrol Channel Level Adjust*menu on/offControl Setup Menu ON Control | MNGLT <gr> MNGRT<gr> MNENT<gr> MNENT<gr> MNHTNGR> MNOPT<gr> MNOPT<gr> MNINF<cr> MNINF<mninf<mninf mnopt="" mnopt<="" mnopt<mninf="" td=""><td>**command only **command only **command only **command only **command only</td><td>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \</td><td>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \</td><td>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \</td><td>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \</td><td>\ \ \ \</td><td>\ \ \ \ \</td><td>\ \ \ \ \</td><td>\frac{1}{\sqrt{1}}</td><td>\frac{1}{\sqrt{1}}</td><td>\frac{1}{\sqrt{1}}</td><td>\frac{1}{\sqrt{1}}</td><td>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \</td><td>\ \ \ \</td><td>> > > ></td><td></td></mninf<mninf></cr></gr></gr></gr></gr></gr></gr> | **command only **command only **command only **command only **command only | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ | \ \ \ \ \ | \ \ \ \ \ | \frac{1}{\sqrt{1}} | \frac{1}{\sqrt{1}} | \frac{1}{\sqrt{1}} | \frac{1}{\sqrt{1}} | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ | > > > > | |
| | | CRT ENT RTN OPT INF CHL | Cursor Right' Control Fatter', Control PSETURN' Control OPTION' Control INFO'Control Channel Level Adjust'menu on'offControl | MNCLT-CR> MNCRT-CR> MNENT-CR> MNENT-CR> MNRTN-CR> MNOPT-CR> MNINF-CR> MNCHL-CR> | %command only < | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{3} | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{\sqrt{1}} | \frac{1}{\sqrt{1}} | / / / / / | \frac{1}{2} \frac\ | / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | > > > > > > | |
| | | CRT ENT RTN OPT INF CHL MEN ON MEN OFF MEN? | Cursor Right Control "Enter" Control "BETURN" Control "OPTION" Control "INFO" Control "INFO" Control "Serup Menu ON" Control "Setup Menu OF" Control "Setup Menu OF" Control Return MNMEN(Menu) status | MNCLT-CR> MNCRT-CR> MNCRT-CR> MNENT-CR> MNRTN-CR> MNRTN-CR> MNOPT-CR> MNUPT-CR> | %command only %command only %command only %command only %command only %command only | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{2} | \frac{1}{\sqrt{1}} | \frac{1}{1} | \frac{1}{\sqrt{1}} | / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | > > > > > > > | |
| | | CRT ENT RTN OPT INF CHL MEN ON MEN OFF MEN? ZST ON ZST OFF | Cursor Right Control Fatter Control RETURN Control OPTION** Control INFO/Control Serup Menu ON** Control Serup Menu OF** Control Serup Menu OF** Control All Zone Stereo* direct Control "All Zone Stereo* direct Control "All Zone Stereo* direct Control | MNCLT-GR> MNCRT-GR> MNERT-GR> MNERT-GR> MNRTN-GR> MNOPT-GR> MNOPT-GR> MNIPG-GR> MNOPT-GR> MNMEN OF-GR> MMEN OF-GR> MNERT-ON-GR> MNZST ON-GR> MNZST OF-GR> | #Ecommand only MINMEN ON-CR> | \frac{1}{3} | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{2} \frac\ | 7 7 7 7 7 7 7 | / / / / / / / / / / / | 7 7 7 7 7 7 7 | / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | |
| | | CRT ENT RTN OPT INF CHL MEN ON MEN OFF MEN? ZST ON | "Cursor Right" Control. "Enter". Control "RETURN" Control "OPTION" Control "NETO'. Control "NETO'. Control "Setup Menu On". Control "Setup Menu On". Control "Setup Menu On". Control "Setup Menu On". Control "Setup Menu Op". Control "Setup Menu Op". Control "Setup Menu Op". Control "All Zone Stereo" direct Control | MNCLT-CR- MNCRT-CR- MNERT-CR- MMERT-CR- MNRTN-CR- MNOPT-CR- MNOPT-CR- MNCH-CR- MNCH-CR- MNMCH-CR- MMMEN ON-CR- MMMEN OFF-CR- MNMEN OFF-CR- MNMEN OFF-CR- MNMEN OFF-CR- MNMEN OFF-CR- | %command only c MINMEN ON-GR> MINMEN OFF-CR> MINMEN OFF-CR> MINMEN OFF-CR> | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / | 7 7 7 7 7 7 7 | / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | |
| | SY | CRT ENT RTN OPT OPT INF CHL MEN ON MEN OFF MEN? ZST ON ZST OFF ZST? <cr> REMOTE LOCK ON REMOTE LOCK OK REMOTE L</cr> | "Cursor Right" Control. "Enter". Control. "RETURN". Control. "OPTION" Control. "INFO". Control. "Setup Menu On". Control. "Setup Menu On". Control. "Setup Menu On". Control. "Setup Menu Op". Control. "All Zone Stereo". direct Control. Return MNZST status. REMOTE CONTROL LOCK ON/OFF. | MMCLT-GRS MMCRT-GRS MMCRT-GRS MMCRT-GRS MMCRT-GRS MMCPT-GRS MMCPT-GRS MMCPT-GRS MMCRT-GRS MMCRT-GRS MMCRT-GRS MMCRT-GRS MMCRT-GRS MMCRT-GRS MMZST-OR-GRS MMZST-OR-GRS MMZST-GRS SYREMOTE LOCK ON-GRS SYREMOTE LOCK OFF-GRS | #Ecommand only #Ecommand only *Ecommand only *Ecom | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | 7 7 7 7 7 7 7 7 7 7 7 | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | |
| | SY | CRT ENT RTN OPT INF COHL MEN ON MEN OFF MEN? ZST ON ZST OFF ZST CST REMOTE LOCK ON PANEL VLOCK OI PANEL VLOCK | "Cursor Right" Control. "Enter". Control "RETURN" Control "RETURN" Control "OPTION" Control "INFO: Control "Setup Menu ON" Control "Setup Menu ON" Control "Setup Menu OPF" Control "Setup Menu OPF" Control "Setup Menu OPF" Control "Return MNMENI/Menu) status "All Zone Stereo" direct Control "All Zone Stereo" direct Control Return MNZST status L REMOTE CONTROL LOCK ON/OFF PANEL BUTTON(Except MASTER VOL.)CONTROL LOCK ON INFORMEDITON & MASTER VOL. CONTROL LOCK ON INFORMEDIT & MASTER VOL. CONTROL LOCK ON INFORMEDITON & MASTER VOL. CONTRO | MNCLT-CRS MNCRT-CRS MNCRT-CRS MNRTN-CRS MNRTN-CRS MNOPT-CRS MNOPT-CRS MNOPT-CRS MNCH-L-CRS MNCH-L-CRS MNCH-CRS MNCH-CRS MNCST-OR-CRS MNZST-OR-CRS MNZST-OR-CRS SYREMOTE LOCK ON-CRS SYREMOTE LOCK OFF-CRS SYPANEL-LOCK OR-CRS SYPANEL-LOCK OR-CRS SYPANEL-LOCK OR-CRS SYPANEL-LOCK OR-CRS | #Ecommand only #Ecommand only *Ecommand only *Ecom | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | |
| | SY | CRT ENT RTN OPT INF COHL MEN ON MEN OFF MEN? ZST ON ZST OFF ZST?*CR> REMOTE LOCK ON PANEL VLOCK OF PANEL LOCK OFF 1 ON | Cursor Right' Control. Fatter' Control 'RETURN' Control 'POTION' Control 'NETO' Control 'NETO' Control 'NETO' Control 'Setup Menu On' Control 'Return MNMENI/Menu) status 'All Zone Stereo' direct Control Return MNZST status REMOTE CONTROL LOCK ON/OFF FANEL BUTTON(Except MASTER VOL.) CONTROL LOCK ON INTERIOR ON IN | MNCLT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCPT-GRS MNCPT-GRS MNCPT-GRS MNOH-L-GRS MNCH-L-GRS MNCH-L-GRS MNCH-L-GRS MNCRT-GRS MNCRT-GRS MNZST OH-GRS MNZST OH-GRS MNZST OH-GRS SYREMOTE LOCK ON-GRS SYREMOTE LOCK OFF-GRS SYPANEL LOCK OFF-GRS | #Ecommand only #Ecommand only *Ecommand only *Ecom | \frac{1}{2} \tag{2} \t | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | |
| | | CRT ENT RTN OPT INF COHL MEN ON MEN OFF MEN? ZST ON ZST OFF ZSTY-CR> REMOTE LOCK ON PANEL-VLOCK OF PANEL-VLOCK OF 1 ON 1 OFF 2 ON | Cursor Right Control Fenter | MNCLT-GCRS MNCRT-GCRS | #Ecommand only #Ecommand only *Ecommand only *Ecom | 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \frac{1}{3} \tag{2} \t | | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | |
| | TR | CRT ENT RTN OPT INF COHL MEN ON MEN OFF MEN? ZST ON ZST OFF ZST-CR- REMOTE LOCK ON REMOTE LOCK OF PANEL LOCK OF | Cursor Right Control Fetter Control RETURN Control OPTION Control OPTION Control NETURN Control NETURN Control NETURN Control Setup Menu ON Control All Zone Stereo' direct Control All Zone Stereo' direct Control Return MNZST status REMOTE CONTROL LOCK ON/OFF F PANEL BUTTON Except MASTER VOL. CONTROL LOCK ON PANEL BUTTON & MASTER VOL. CONTROL LOCK ON PANEL BUTTON & MASTER VOL. CONTROL LOCK OFF Triager 1 ON/OFF Control Triager 2 ON/OFF Control Return TR Status | MNCLT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCPT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNZST OR-GRS MNZST OR | #Ecommand only #Ecommand only *Ecommand only *Ecom | \frac{1}{2} \tag{2} \t | \frac{1}{2} \tag{2} \t | \frac{1}{3} \tag{7} \t | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | |
| | | CRT ENT RTN OPT INF COHL MEN ON MEN OFF MEN? ZST ON ZST OFF ZSTY-CR> REMOTE LOCK ON PANEL-VLOCK OF PANEL-VLOCK OF 1 ON 1 OFF 2 ON | Cyursor Right' Control - Enter'. Control - RETURN' CONTROL - RETURN MENUNCHION - REMOTE CONTROL LOCK ON OFF - PANEL BUTTON & MASTER VOL. CONTROL LOCK ON - PANEL BUTTON & MASTER VOL. CONTROL LOCK OFF - Trigger 1 ON/OFF Control - Trigger 1 ON/OFF Control - Trigger 2 ON/OFF Control | MNCLT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNIF-GRS MNCRT-GRS MNMEN OFF-GRS MNMEN OFF-GRS MNZST ON-GRS MNZST ON-GRS MNZST OFF-GRS MNZST ON-GRS SYREMOTE LOCK OR-GRS SYREMOTE LOCK OR-GRS SYRAMEL-VLOCK ON-GRS SYRAMEL-VLOCK OR-GRS SYRAMEL-GOK OR-GRS SYRAMEL-GOK OFF-GRS TRE OR-GRS TRE OR-GRS TRE OR-GRS | Secommand only Command only Command only Command only Secommand only Secommand only Secommand only Secommand only Command only Secommand only Command only Comma | | \(\) | \(\) | / / / / / / / / / / / / / / / / / / / | 7 7 7 7 7 7 7 7 7 7 7 7 7 | / / / / / / / / / / / / / / / / / / / | \frac{1}{2} \frac\ | \frac{1}{2} \frac\ | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | 7 7 7 7 7 7 7 7 7 7 7 7 | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | |
| | TR | CRT ENT ENT RTN OPT INF COHL MEN OF MEN OF MEN OF STORM ZST ON ZST ON ZST ON ZST COK REMOTE LOCK OF PANEL LOCK OF PANEL LOCK OF 1 ON PANEL VLOCK OF 1 ON Z | Cyursor Right* Control - Finter* Control - RETURN* Control - Setup Menu ON* Control - Setup Menu ON* Control - Setup Menu ON* Control - Return MNNESNMenu status All Zone Stereo* direct Control - All Zone Stereo* direct Control - RETURN* Control - RETURN* Control - RETURN* CONTROL LOCK ON/OFF - RANEL BUTTON & MASTER VOL. CONTROL LOCK ON - PANEL BUTTON & MASTER VOL. CONTROL LOCK ON - PANEL BUTTON & MASTER VOL. CONTROL LOCK OFF - Triager 1 ON/OFF Control - RETURN* RETURN* CONTROL LOCK OFF - RETURN* RE | MNCLT-GCR- MNCRT-GCR- MNCRT-GCR- MNCRT-GCR- MNCRT-GCR- MNCRT-GCR- MNCRT-GCR- MNCRT-GCR- MNCRT-GCR- MNMEN OFF-GCR- MNMEN OFF-GCR- MNMEN OFF-GCR- MNMEN OFF-GCR- MNZST ON-GCR- MNZST ON-GCR- MNZST ON-GCR- SYREMOTE LOCK ON-GCR- SYREMOTE LOCK ON-GCR- SYREMOTE LOCK ON-GCR- SYRANEL-VLOK ON | ### Recommand only #### Command only ##### Command only ###### | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{2} \frac\ | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | |
| | TR | CRT ENT RTN OPT INF COHL MEN OPF MEN OPF MEN? ZST ON ZST OFF ZST-CR- REMOTE LOCK ON REMOTE LOCK OF PANEL LOCK OFF I ON I OFF Z OPF TON I OFF | Cursor Right Control Fetter Control RETURN Control OPTION Control OPTION Control NETURN Control NETURN Control NETURN Control Setup Menu ON Control Setup Menu ON Control Setup Menu ON Control Setup Menu ON Control All Zone Stereo' direct Control All Zone Stereo' direct Control Return MNZST status REMOTE CONTROL LOCK ON/OFF FANEL BUTTON (Except MASTER VOL.) CONTROL LOCK ON PANEL BUTTON & MASTER VOL. CONTROL LOCK ON PANEL BUTTON & MASTER VOL. CONTROL LOCK OFF Triager 1 ON/OFF Control Return TR Status ID Number for UPGRADE is displayed on FL Display *********************************** | MNCLT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCPT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNCRT-GRS MNZST ON-GRS MNZST ON-GRS MNZST ON-GRS MNZST ON-GRS MNZST OR-GRS MNZST OR | ### Secommand only #### Secommand only ### Secommand only #### Sec | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | | \frac{1}{2} \frac\ | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | |
| | TR | CRT ENT ENT RTN OPT INF COHL MEN OF MEN OF MEN OF STA END END STA END STA END END END STA END | Cursor Right Control - Enter* Control - RETURN* Control - Setup Menu ON* Control - Setup Menu ON* Control - Setup Menu ON* Control - RETURN* RETURN CONTROL - RETURN MNENTMenu status All Zone Stareo* direct Control - All Zone Stareo* direct Control - All Zone Stareo* direct Control - RETURN* RET | MNCLT-GCR- MNCRT-GCR- MNCRT-GCR- MNCRT-GCR- MNCRT-GCR- MNCRT-GCR- MNCRT-GCR- MNCRT-GCR- MNINF-GCR- MNMEN OFF-GCR- MNMEN OFF-GCR- MNMEN OFF-GCR- MNZST ON-GCR- MNZST ON-GCR- SYREMOTE LOCK ON-GCR- SYREMOTE LOCK ON-GCR- SYREMOTE LOCK ON-GCR- SYRAMEL-VLOCK ON-GCR- SYRAMEL-VLOCK ON-GCR- TRE ON-GCR- | ## Secommand only ## Command o | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | |
| | TR UG RM | CRT ENT RTN OPT INF COHL MEN OFF MEN? ZST ON ZST OFF ZST*-CR- REMOTE LOCK ON REMOTE LOCK OF PANEL LOCK OF TO N PANEL VI LOCK OF TO N TO FF Z OFF Z O | Cursor Right* Control. **FETURN* Control.** **FETURN* Control.** **PETURN* Control.** **PETURN* Control.** **PETURN* Control.** **Setup Menu ON* Control.** **PETURN* Con | MNCLT-GCRS MNCRT-GCRS MNZST OFF-GCRS MN | ### Secommand only #### Secommand only ### Secommand only #### Sec | | | | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | / / / / / / / / / / / / / / / / / / / | |

Revision FY15V01 4/23/2015 Added X1200/X2200 FY15V02 6/30/2015 Added X3200/X4200

| Volume_CMD″MV**″ | ″Z2**″″Z3**″ |
|--------------------------------------|---------------------------|
| Relative(dB) | Absolute |
| - | 0 |
| -79,5 | 0,5 |
| -79 | 1 |
| -78,5 | 1,5 |
| -78 | 2 |
| -77,5 | 2,5 |
| -77 | 3 |
| -76,5 | 3,5 |
| -76 | 4 |
| -75,5 | 4,5 |
| −75 | 5 |
| −74,5 | 5,5 |
| −74 | 6 |
| -73,5 | 6,5 |
| -73 | 7 |
| -72,5 | 7,5 |
| -72 -71,5 -71 | 8 8,5 |
| −70,5 −70 | 9 9,5 10 |
| -69,5 | 10,5 |
| -69 | 11 |
| -68,5 | 11,5 |
| -68 | 12 |
| -67,5 | 12,5 |
| -67 | 13 |
| -66,5 | 13,5 |
| -66 | 14 |
| -65,5 | 14,5 |
| -65 | 15 |
| -64,5 | 15,5 |
| -64 | 16 |
| -63,5 | 16,5 |
| -63 | 17 |
| -62,5 | 17,5 |
| -62 | 18 |
| -61,5 | 18,5 |
| -61 | 19 |
| -60,5 | 19,5 |
| - 80 | 20 |
| -59,5 | 20,5 |
| -59 | 21 |
| -58,5 | 21,5 |
| -58 | 22 |
| -57,5 | 22.5 |
| -57 | 23 |
| -56,5 | 23,5 |
| -56 | 24 |
| -55,5 | 24,5 |
| -55 | 25 |
| -54,5 | 25,5 |
| -54 | 26 |
| -53,5 | 26 5 |
| -53,5 -53 -52,5 | 26,5 27 27,5 28 |
| -52 -51,5 -51 | 28,5 29 |
| -50,5 | 29.5 |
| -50 | 30 |
| -49,5 | 30,5 |
| -49 | 31 |
| -48,5 | 31,5 |
| -48 | 32 |
| -47,5 | 32,5 |
| -47 | 33 |
| -46,5 | 33,5 |
| -46 | 34 |
| -45,5 | 34,5 |
| -45 | 35 |
| -44.5 | 35,5 |
| -44 | 36 |
| -43.5 | 36,5 |
| -43 | 37 |
| -42,5 | 37,5 |
| -42 | 38 |
| -41,5 | 38,5 |
| -41 | 39 |
| -40,5 - 40 -39,5 -39 | 39,5 40 40,5 |
| -38,5 -38 | 41 41,5 42 42,5 |
| -37,5 | 42,5 |
| -37 | 43 |
| -36,5 | 43,5 |
| -36 | 44 |
| -35,5 | 44,5 |
| -35 | 45 |
| -34,5 | 45,5 |
| -34 | 46 |
| -33,5 | 46,5 |
| -33 | 47 |
| -32,5 | 47,5 |
| -32 | 48 |
| -31,5 | 48,5 |
| -31 | 49 |
| -30,5 | 49,5 |
| -30,5 -30 -29,5 -29 | 50 50,5 51 |
| -28,5 -28 | 51,5 52 52,5 |
| -27.5 -27 -26.5 | 53 53,5 |
| -26 | 54 |
| -25,5 | 54,5 |
| -25 | 55 |
| -24,5 | 55,5 |
| -24 | 56 |
| -23,5 | 56,5 |
| -23 -22,5 -22 -21,5 | 57 57,5 58 |
| -21 -20,5 | 58,5 59 59,5 |
| -20 | 60 |
| -19,5 | 60,5 |
| -19 | 61 |
| -18,5 | 61,5 |
| -18 | 62 |
| -17,5 | 62,5 |
| -17 -16,5 -16 | 63 63,5 |
| -15,5 -15 -14,5 | 64 64,5 65 65,5 |
| -14,0 -14 -13,5 -13 | 66 66.5 |
| -12,5 -12 | 67 67,5 68 |
| -11,5 | 68.5 |
| -11 | 69 |
| -10,5 | 69.5 |
| -10 | 70 |
| -9,5 | 70,5 |
| -9 | 71 |
| -8,5 | 71,5 |
| -8 | 72 |
| -7,5 | 72,5 |
| -7 | 73 |
| -6,5 | 73,5 |
| -6 | 74 |
| -5,5 | 74,5 |
| -5 | 75 |
| -4,5 | 75,5 |
| -4 | 76 |
| -3,5 | 76,5 |
| -3 | 77 |
| -2,5 | 77,5 |
| -2 | 78 |
| -1,5 | 78,5 |
| -1 | 79 |
| -0,5 | 79,5 |
| 0 | 80 |
| 0,5 | 80,5 |
| 1 | 81 |
| 1,5 | 81,5 |
| 2 | 82 |
| 2,5 | 82,5 |
| 3 | 83 |
| 3,5 | 83,5 |
| 4 | 84 |
| 4,5 | 84,5 |
| 5 | 85 |
| 5,5 | 85,5 |
| 6 | 86 |
| 6,5 | 86,5 |
| 7 | 87 |
| 7,5 | 87,5 |
| 8 | 88 |
| 8,5 | 88,5 |
| 9 | 89 |
| 9,5 | 89,5 |
| 10 | 90 |
| 10,5 | 90,5 |
| 11 | 91 |
| 11,5 | 91,5 |
| 11,5 | 91,5 |
| 12 | 92 |
| 12,5 | 92,5 |
| 13 | 93 |
| 13,5 | 93,5 |
| 14 | 94 |
| 14,5 | 94,5 |
| 15 | 95 |
| 15,5 | 95,5 |
| 16 | 96 |
| 16,5 | 96.5 |
| 17 | 97 |
| 17,5 | 97.5 |