

FLEXRADIO CAT COMMANDS BY FUNCTION

RECEIVE AUDIO PROCESSING AND CONTROL [1]

ZZAG	Sets or reads the Audio Gain	AG
ZZBI	Sets or reads the Binaural (BIN) status	
ZZEA	Sets or reads the RX EQ values	
ZZER	Sets or reads the RX EQ status	
ZZMA	Sets or reads the Mute (MUT) status	
ZZMO	Sets or reads the Monitor (MON) status	MO

RECEIVE RF PROCESSING AND CONTROL [2]

ZZAR	Sets or reads the AGC Threshold	AG
ZZGT	Sets or reads the AGC Mode Selector	
ZZPA	Sets or reads the Preamp Gain setting	
ZZSO	Sets or reads the Squelch on/off status	
ZZSQ	Sets or reads the Squelch level	SQ

VFO CONTROL [3]

ZZFA	Sets or reads VFO A frequency	FA
ZZFB	Sets or reads VFO B frequency	FB
ZZQM	Reads the Quick Save Memory value	
ZZQR	Restores the Quick Save Memory value	
ZZQS	Saves VFO A to Quick Memory	QI
ZZRC	Clears the RIT frequency	RC
ZZRF	Sets or reads the RIT frequency	
ZZRT	Sets or reads the RIT button status	RT
ZZSA	Moves VFO A down one Tune Step	DN
ZZSB	Moves VFO A up one Tune Step	UP
ZZSD	Decrements the Tune Step	
ZZSP	Sets or reads the VFO Split button status	FT
ZZST	Reads the frequency step size	
ZZSU	Increments the Tune Step	
ZZVL	Sets or reads the VFO Lock status	
ZZVS	Sets the VFO Swap status	
ZZXC	Clears the XIT frequency	XC
ZZXF	Sets or reads the XIT frequency	
ZZXS	Sets or reads the XIT button status	
ZZZB	Sets the Zero Beat button	

NOISE REJECTION [4]

ZZBR	Sets or reads the BCI Rejection button	
ZZNA	Sets or reads Noise Blanker 1 (NB) status	NB
ZZNB	Sets or reads Noise Blanker 2 (NB2) status	
ZZNL	Sets or reads Noise Blanker 1 threshold	
ZZNM	Sets or reads the Noise Blanker 2 threshold	
ZZNR	Sets or reads the Noise Reduction (NR) status	
ZZNT	Sets or reads the Auto Notch Filter (ANF) status	NT
ZZSR	Sets or reads the Spur Reduction (SR) status	

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DSP RECEIVE FILTERS [5]

ZZFI	Sets or reads the current DSP receive filter
ZZFH	Sets or reads the DSP High Filter
ZZFL	Sets or reads the DSP Low Filter
ZZHA	Sets or reads the Audio Filter Size
ZZHR	Sets or reads the DSP RX Filter Size
ZZIS	Sets or reads the variable filter width slider
ZZIT	Sets or reads the variable filter shift slider
ZZIU	Resets the variable filter shift slider
ZZMN	Sets or reads the DSP filter names and values
ZZSF	Sets the variable filter width and center frequency

MODULATION/DETECTION MODES [6]

ZZMD	Sets or reads the current mode	MD
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BAND SWITCHING [7]

ZZBD	Moves the bandswitch down one band	BD
ZZBG	Sets or reads the Band Group (HF/VHF)	
ZZBS	Sets or reads the Bandswitch	
ZZBU	Moves the bandswitch up one band	BU
ZZUA	Reads the XVTR Band Button Names	

DISPLAY FUNCTIONS [8]

ZZCF	Sets or reads the Show CW TX Filter checkbox
ZZCU	Reads the CPU usage
ZZDA	Sets or reads the Display Average (AVG) status
ZZDM	Sets or reads the Display Mode
ZZPD	Sets the Display Pan Center button
ZZPO	Sets or reads the Display Peak button
ZZPZ	Sets or reads the Display Zoom buttons
ZZTF	Sets or reads the Show TX Filter checkbox

METERING [9]

ZZMR	Sets or reads the RX Meter mode	
ZZMT	Sets or reads the TX Meter mode	
ZZRM	Reads the RX Meter value	
ZZSM	Reads the S Meter	SM

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TRANSMIT AUDIO PROCESSING AND CONTROL [10]

ZZCP	Sets or reads the Compander (CPDR) status	
ZZCT	Sets or reads the Compander threshold	
ZZDX	Sets or reads the Phone DX button status	
ZZEB	Sets or reads the TX EQ values	
ZZET	Sets or reads the TX EQ button status	
ZZGE	Sets or reads the Noise Gate button status	
ZZGL	Sets or reads the Noise Gate threshold	
ZZHT	Sets or reads the DSP TX Filter Size	
ZZMG	Sets or reads the Mic Gain	
ZZPK	Sets or reads the Compressor (COMP) status	PR
ZZPL	Sets or reads the Compressor (COMP) threshold	
ZZTH	Sets or reads the TX Filter High setting	
ZZTL	Sets or reads the TX Filter Low setting	
ZZTP	Sets or reads the Transmit Profile	
ZZTU	Sets or reads the Tune (TUN) status	
ZZTX	Sets or reads the MOX button status	RX/TX
ZZVA	Sets or reads the VAC button status	
ZZVE	Sets or reads the VOX button status	
ZZVG	Sets or reads the VOX gain	

CW [11]

ZZCB	Sets or reads the Break-In checkbox status	
ZZCD	Sets or reads the Break-In Delay value	
ZZCI	Sets or reads the CW Iambic checkbox status	
ZZCL	Sets or reads the CW Pitch	
ZZCM	Sets or reads the CW Monitor checkbox status	
ZZCS	Sets or reads the CW Speed	
ZZKS	Sets or reads CWX CW speed	KS
ZZKY	Sends text to CWX for conversion to Morse	KY

CAT SPECIFIC [12]

ZZAI	Reads or sets the Auto Information function	AI
ZZFM	Reads the FlexRadio Model Number	
ZZID	Sets or reads the transceiver ID number	
ZZIF	Reads the transceiver status word	IF
ZZVN	Reads the PowerSDR software version number	

SUBRECEIVER [13]

ZZMS	Sets or reads the MultiRX Swap checkbox	
ZZMU	Sets or reads the MultiRX button status	

MISCELLANEOUS [14]

ZZPC	Sets or reads the Drive Level	PC
ZZPS	Sets or reads the Start button status	
ZZXT	Sets or reads the X2TR button status	

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DIGITAL MODES [15]

ZZVB Sets or reads the VAC RX Gain
ZZVC Sets or reads the VAC TX Gain
ZZVD Sets or reads the VAC Sample Rate
ZZVF Sets or reads the VAC Stereo button status

ANTENNAS [16]

ZZOA Sets or reads the antenna connected to RX1
ZZOB Sets or reads the antenna connected to RX2
ZZOC Sets or reads the antenna connected to the transmitter
ZZOD Sets or reads the Antenna Mode (Simple/Complex)
ZZOE Sets or reads the RX1 Loop
ZZOF Sets or reads the RCA TX relay jacks

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REVISION RECORD:

September 27, 2007:

Added ZZFL and ZZFH

October 18, 2007:

Added ZZHA, ZZHR, and ZZHT

October 20, 2007:

Added ZZFM

October 23, 2007:

Added ZZEA and ZZEB

October 25, 2007

Corrected entries to ZZFL, ZZFH and ZZTL, ZZTH

October 31, 2007

Added ZZVB, ZZVC, ZZVD, and ZZVF

November 21, 2007

Added ZZUA

November 29, 2007

Added ZZMN, ZZOA, ZZOB, ZZOC, ZZOD, ZZOE, ZZOF

December 4, 2007

Added ZZAI

January 16, 2008

Added ZZDX