

# sBitx v5.2 commands

From an external keyboard, Alt-Gr and Q or from the sBitx built-in keyboard, the CMD key as \  
Status as of 2025-11-02 Can be used with sBitx v5.2 64-bit version

**\callsign [callsign]** Sets your callsign to the following string.

**\grid [grid]** Indication of approximate location.

**\freq [frequency in Hz or kHz]** You can use "freq" or "f" e.g. '\f 7050' matches '\freq 7050000'

**\bfo [Offset in Hz]** An offset of +/- 3000 is usually enough to move birdies out of the passband

**\mode [USB\ LSB\ AM\ CW\ CWR\ FT8\ DIGI\ 2TONE]** You can use 'm' instead of 'mode'

**\t** Puts the radio into transmit. You can also use Ctrl-T

**\r** Puts the radio into receive. In FT8 mode, you can use Ctrl-R to interrupt transmission.

**\topen [server]:[port]** Opens a telnet session with an RBN or a DX cluster telnet server.

It works with ip address as well as domain names Ex: \topen dxc.g3lrs.org.uk:7300

**\tclose** Closes the existing telnet session

**\w [telnet command string]** Writes the remaining text (skipping the space after '\w') to opened telnet server

## Menu on

entering **Menu 1 / Menu 2 / OFF** menu

**SET** **CALLSIGN** (my callsign), **MYGRID** (my locator, 6 digit), **PIN** (password for login)

**WEB** Calling the WEB interface with a browser

**TXMON** setting TX monitor level

**TXEQ** ON settings equalizer level with MOUSE Scroll **use small step** (-16...0... +16)

**RXEQ** ON settings equalizer level with MOUSE Scroll **use small step** (-16...0... +16)

**NOTCH** ON Freq.: 60- 3000Hz, Bw.: 60- 1000Hz (CW, USB, LSB removal of interference signal)

**COMP** Compression level 0- 10 (use it in Phone modes, **Don't use it in Digital modes**)

**DSP** Digital Signal Processor ON-OFF (it highlights the signal and suppresses the noise)

**ANR** Audio Noise Reducer ON-OFF (suppresses the noise)

**BFO** Default 0... removal of disturbing signals and birds by moving the BFO (+/- 3000Hz)

**VFOLK** Lock VFO knob

**TNDUR** (2-30s) **TNPWR** (1-100) Tuning power adjustment with driver level for a given duration

## Menu 2

**WFMIN** Setting the minimum waterfall level (0- 200) default 80

**WFMAX** Setting the maximum waterfall level (0- 200) default 120

**WFSPD** The flow rate of the waterfall (20- 150) default 100

**SCOPEGAIN** Scope window sensitivity (1- 25) default 10

**SCOPEAVG** Scope display average value (1- 15) default 10

**SCOPESIZE** Scope window height (50- 150) as desired

**INTENSITY** Visibility on screen (1-10)

**AUTOSCOPE** Adjusts the vertical offset of the scope and the base value for the waterfall automatically

## Additional switches and settings

**MODE** USB/ LSB/ AM/ CW/ CWR/ FT8/ DIGITAL/ 2TONE optional mode

**BAND** 10M 12M 15M 17M 20M 30M 40M 60M 80M optional amateur bands

**REC** ON/OFF Audio recording to a file, see in Audio folder

**TUNE** ON/OFF Turn tuning on/off as set in Menu1 (TNDUR and TNPWR) **Don't use it in FT8 mode**

**RIT** ON/OFF The reception frequency is offset from the main (-25000 to +25000 Hz)

**STEP** 10H/ 100H/ 500H/ 1K/ 10K Frequency stepping (K=kHz, H=Hz)

**AUDIO** 0- 100 Receiver Audio level

**SPLIT** ON/OFF ON= if main VFO-A, then RX\_VFO-A TX\_VFO-B

<b>VFO window</b>	on the left side of the window, call up the numerical buttons, frequency can be set with the mouse on the right side.
<b>SPAN 2.5K/ 6K/ 8K/ 10K/ 25K</b>	receiver bandwidth selection (K=kHz)
<b>AGC OFF/ FAST/ MED/ SLOW</b>	Automatic Gain Control select
<b>BW 50- 5000 (Hz)</b>	Audio bandwidth choice. Variable bandwidth per mode
<b>DRIVE 1- 100</b>	Transmitter drive level setting
<b>IF 1- 100</b>	Receiver sensitivity
<b>MIC 0- 50</b>	Microphone drive level
<b>LOW</b>	Lower frequency of the bandwidth
<b>HIGH</b>	Upper frequency of bandwidth
<b>WPM 1- 50</b>	Morse rate word/minute
<b>CWDELAY [50-1000]</b>	msec. Radio transmission in CW previously timing for rx. e.g.: " <b>"\cwdelay 300"</b>
<b>CWINPUT [Straight/ bug / Ultimat / Iambic / IambicB ]</b>	different morse key selector
<b>ZEROBEAT on/off</b>	Morse decoding help information window
<b>PITCH</b>	100- 3000 Hz, tone when receiving
<b>TX_PITCH</b>	300- 3000 Hz, FT8 tone when transmitting
<b>FT8_AUTO ON/OFF</b>	ON= automatic, OFF= manual use macro
<b>FT8_TX1ST ON/OFF</b>	ON= transmission in the first and third period and OFF= transmission in the second and fourth period, every 15 seconds
<b>FT8_REPEAT 1- 10</b>	Number of uninterrupted transmissions
<b>SIDETONE 0- 100</b>	Setting your own voice when transmitting (step 0-5-10 ... )
<b>SPEC NORM/FULL</b>	The width of the spectrum is NORMAL or FULL screen
<b>KBD</b>	sBitx keyboard on/off - new version by KB2ML
<b>ESC Abort</b>	Halt TX, clear LOG window data
<b>Ctrl- Q</b>	Exit from the application

## Logger Controls

<b>CALL [text]</b>	Callsign
<b>SENT [text]</b>	Sent RST, RS, level in dB
<b>RECV [text]</b>	Received RST, RS, level in dB
<b>EXCH [text]</b>	Gridsquare at FT8
<b>NR [text]</b>	My_gridsquare at FT8
<b>TEXT</b>	You can write (type CMD as \) - Use the TAB key to step through the LOG windows.
<b>SAVE</b>	Saving LOG window data manual
<b>WIPE</b>	Delete all data from logbook window
<b>LOG</b>	Performing actions in the Logbook
<b>QRZ</b>	You can look up the call sign data in the qrz.com database

## Optional Hidden Functions

<b>\BS [+ -]0- 9</b>	Allows adjusting the band power scale. More info in commands.txt
<b>\STACKPOSTOPT</b>	graphical bandstack position indicator beneath the <b>selected band</b> ( -== cw,digi,ssb)
<b>\MACRO LIST</b>	\<name of macro to load> shows the list of macros in the web folder
<b>\MP CROSSHAIR</b>	This procedure will change the mouse pointer in the sBitx app (not the web version) Other options that you can type in step 5. \mp left \mp right \mp blank The default is \mp left
<b>\PTTOPT on/off</b>	Turn on ePTT, external PTT option in the menu (hardware modification required)
<b>\RS</b>	ON/OFF turns on/off reverse scrolling of the mouse wheel
<b>\SMETEROPT on/off</b>	S-meter on/off from the command line, its sensitivity depends on IF (use above 50)
<b>\INA260OPT</b>	Input source voltage and amperage display on/off
<b>\WFCALLOPT on/off</b>	option to show/hide the WFCALL button
<b>\TXPANAFALL on/off</b>	WFCALL image is visible on the screen, AUTOSCOPE cannot be turned on The web has scroll tuning but it does have drag tuning if you drag the waterfall / spectrum.