

# 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

**SCOPE SIZE** 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

**VFO window** on the left side of the window, call up the numerical buttons, frequency can be set with the mouse on the right side.

**SPAN 2.5K/ 6K/ 8K/ 10K/ 25K** receiver bandwidth selection (K=kHz)

**AGC OFF/ FAST/ MED/ SLOW** Automatic Gain Control select

**BW 50- 5000 (Hz)** Audio bandwidth choice. Variable bandwidth per mode

**DRIVE 1- 100** Transmitter drive level setting

**IF 1- 100** Receiver sensitivity

**MIC 0- 50** Microphone drive level

**LOW** Lower frequency of the bandwidth

**HIGH** Upper frequency of bandwidth

**WPM 1- 50** Morse rate word/minute

**CWDELAY [50-1000]** msec. Radio transmission in CW previously timing for rx. e.g.: "**\\cwdelay 300**"

**CWINPUT [Straight/ bug / Ultimat / Iambic / IambicB ]** different morse key selector

**ZEROBEAT on/off** Morse decoding help information window

**PITCH** 100- 3000 Hz, tone when receiving

**TX\_PITCH** 300- 3000 Hz, FT8 tone when transmitting

**FT8\_AUTO ON/OFF** ON= automatic, OFF= manual use macro

**FT8\_TX1ST ON/OFF** ON= transmission in the first and third period and  
OFF= transmission in the second and fourth period, every 15 seconds

**FT8\_REPEAT 1- 10** Number of uninterrupted transmissions

**SIDETONE 0- 100** Setting your own voice when transmitting (step 0-5-10 ... )

**SPEC NORM/FULL** The width of the spectrum is NORMAL or FULL screen

**KBD** sBitx keyboard on/off - new version by KB2ML

**ESC Abort** Halt TX, clear LOG window data

**Ctrl- Q** Exit from the application

## Logger Controls

**CALL [text]** Callsign

**SENT [text]** Sent RST, RS, level in dB

**RECV [text]** Received RST, RS, level in dB

**EXCH [text]** Gridsquare at FT8

**NR [text]** My\_gridsquare at FT8

**TEXT** You can write (type CMD as \\) - Use the TAB key to step through the LOG windows.

**SAVE** Saving LOG window data manual

**WIPE** Delete all data from logbook window

**LOG** Performing actions in the Logbook

**QRZ** You can look up the call sign data in the qrz.com database

## Optional Hidden Functions

**\\BS [+|-|0- 9]** Allows adjusting the band power scale. More info in commands.txt

**\\BSTACKPOSTOPT** graphical bandstack position indicator beneath the **selected band** ( **-- cw,digi,ssb**)

**\\MACRO LIST** \\<name of macro to load> shows the list of macros in the web folder

**\\MP CROSSHAIR** 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**

**\\EPTTOPT on/off** Turn on ePTT, external PTT option in the menu (hardware modification required)

**\\RS** ON/OFF turns on/off reverse scrolling of the mouse wheel

**\\SMETEROPT on/off** S-meter on/off from the command line, its sensitivity depends on IF (use above 50)

**\\INA260OPT** Input source voltage and amperage display on/off

**\\WFCALLOPT on/off** option to show/hide the WFCALL button

**\\TXPANAFALL on/off** 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.