sBitx v4.3 commands

These are text commands that can be entered from the keyboard, use AltGr- Q as \
Status as of 2025-01-18 Can be used with sBitx v4.3 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
\cwdelay [50-1000] msec. Radio transmission in CW previously timing for rx. e.g.: "**\cwdelay 300**"
\cwinput [Straight/ IambicB/ Iambic**]** **straight key**(key), **IambicB keyer**(keyerB) and the **Iambic** (keyer).
\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
\txpitch [in Hz**]** Sets the tone of transmit tone of the CW. Ex: **\txpitch 700**
\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 15
- **SCOPEAVG** Scope display average value (1- 15) default 10
- **SCOPESIZE** Scope window height (50- 150) as desired
- **INTENSITY** Visibility on screen (1-10)

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 A/B main VFO select, VFO-A / VFO-B Frequency in Hz
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
D**RIVE** 1- 100 Transmitter drive level setting
IF 1- 100 Receiver sensitivity

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
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
TEXT **You can write the commands here**

KBD sBitx keyboard on/off
SPEC NORM/FULL The width of the spectrum is NORMAL or FULL screen
MIC 0- 50 Microphone drive level
LOW Lower frequency of the bandwidth
HIGH Upper frequency of bandwidth
WPM 1- 50 Morse rate word/minute
PITCH 100- 3000 Hz, tone when receiving
CW_DELAY 50- 1000 msec
CW_INPUT STRAIGHT / IAMBICB / IAMBIC
TX_PITCH 300- 3000 Hz, tone when transmitting
SIDETONE 0- 100 Setting your own voice 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
ESC Abort Halt TX, clear LOG window data
Ctrl- Q Exit from the application

Optional Hidden Functions

\bs [+|-|0- 9] Allows adjusting the band power scale. More info in commands.txt
\bstackposopt on 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)