

Control Panel Reference

All KX3 controls are described briefly here. For full details, refer to subsequent sections.

To Turn Power ON/OFF: Hold both the **BAND-** and **ATU TUNE** switches for 2 seconds. (See **ON/OFF** label on left side.)

Tap Functions: Tap a switch or knob briefly to activate the function labeled on or above it, e.g. **BAND+**.

Hold Functions: Hold the control for about 1/2 second to activate the function labeled below, e.g. **MENU**.

Numeric Keypad: Switches and knobs at lower-left form a keypad (0-9/decimal/enter). Used with **FREQ ENT**, etc.

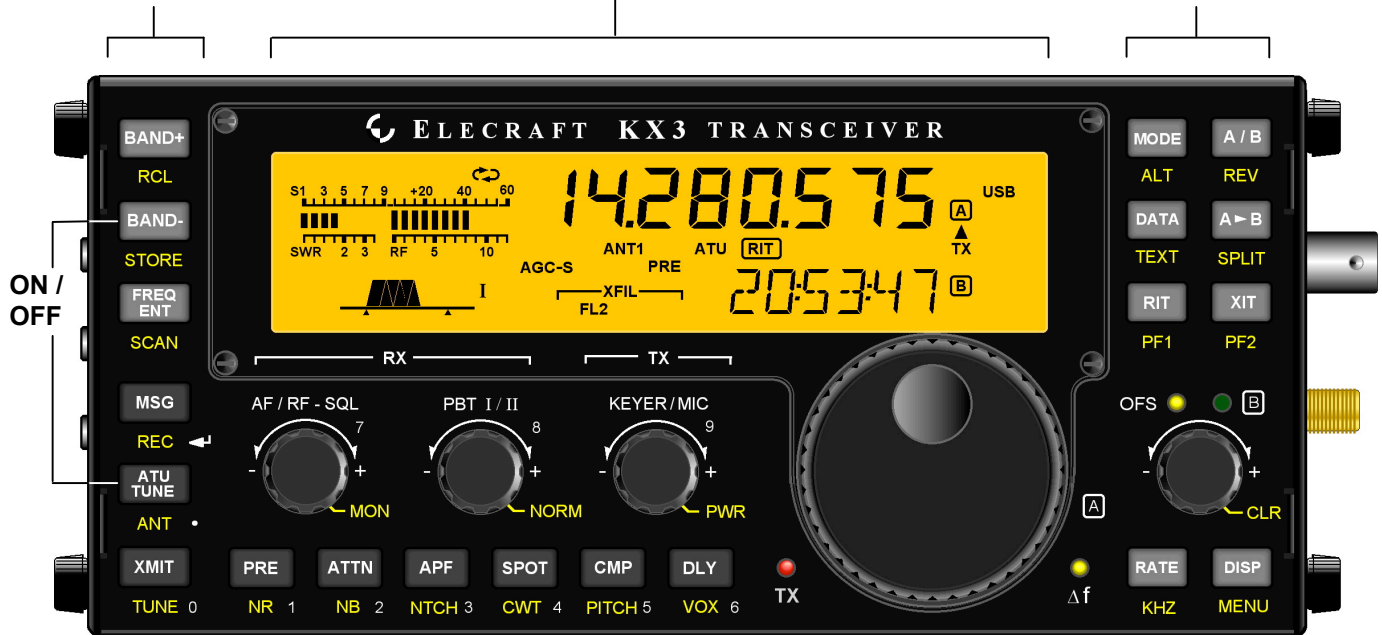
Band Selection

- BAND+** / **BAND-** Band up/down
- RCL** / **STORE** Frequency memories;
per-band: tap 1-4; *general purpose (00-99):* use VFO A
- FREQ ENT** Direct freq. entry (use # keys, then **↵**)
- SCAN** Scan from VFO A to VFO B

Display

Operating Mode and VFO Setup

- MODE** Basic mode; **ALT** Alternate mode (e.g. LSB/USB)
- DATA** Data submode; **TEXT** Text decode setup
- A / B** VFO A/B swap; **REV** VFO or repeater reverse
- A ▶ B** Copy VFO A to B; **SPLIT** Split RX/TX
- RIT** / **XIT** RX/TX offset; **PF1** / **PF2** Prog. function



Transmit / ATU Control

- MSG** / **REC** Message play/record
- ATU TUNE** Start auto. antenna tune
- ANT** Select ANT. 1/2 (KXAT100 opt.)
- XMIT** Enter transmit mode (PTT)
- TUNE** Transmit CW carrier at PWR level
(or **MENU:TUN PWR** level, if lower)

Transmit Settings

- KEYER/MIC** WPM; mic gain
- PWR** Set power level
- CMP** Speech compression *
- PITCH** CW sidetone; FM tone *
- DLY** CW QSK delay; VOX delay *
- VOX** VOX/PTT (CW/voice separate)

Offset / VFO B and Misc.

- OFS/VFO B** RIT/XIT or VFO B
- CLR** Clear RIT/XIT offset
- RATE** Select 1 / 10 Hz VFO A/B steps
- KHZ** Select coarse VFO A/B steps
- DISP** Show voltage etc. on VFO B *
- MENU** Use VFO B to select, A to edit

Receive Settings

- AF / RF - SQL** Receiver gain control
- MON** Monitor level (CW/voice separate) *
- PRE** Preamp; **ATTN** Attenuator
- NR** Noise reduction *
- NB** Noise blanking *
- PBT I/II** Passband tuning (I=WIDTH/LO, II=SHIFT/HI)
- NORM** Filter passband normalization (per-mode)
- APF** Audio peaking filter; **SPOT** CW spot tone
- NTCH** Autonotch (SSB) or manual notch (CW) *
- CWT** CW/DATA tuning aid (uses upper portion of S-meter)

VFO A

- Transmit LED
- Delta-F LED

* To adjust the parameter for this function, use the knob immediately above the switch.

Display (LCD)

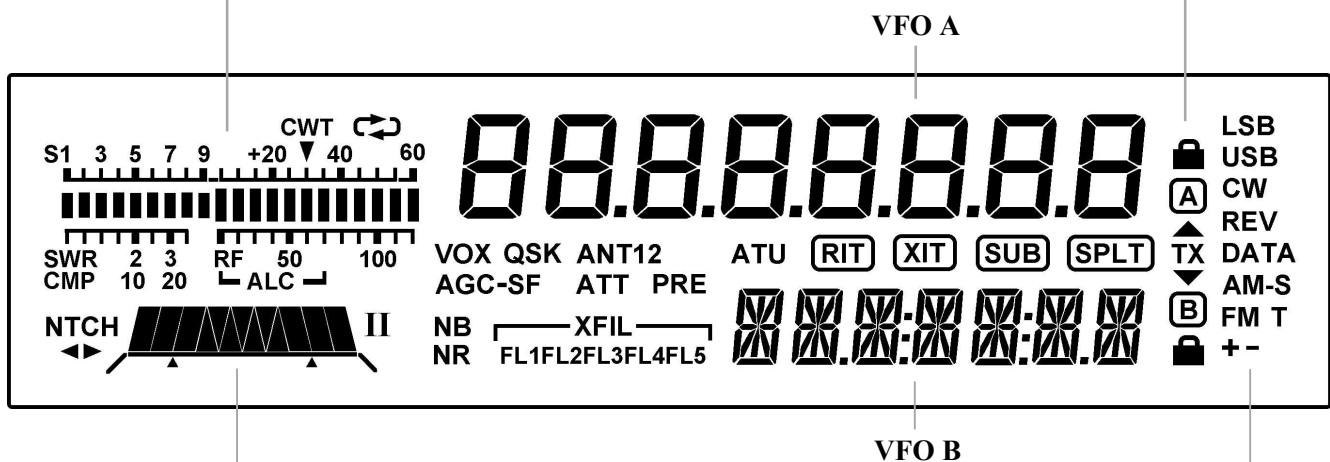
Bar graph, receive mode: Normally acts as an S-meter. If **CWT** is turned on, the right half of the S-meter becomes a tuning aid.

Bar graph, transmit mode: Normally shows **SWR** and **RF** output. In voice and data modes, the bar graph shows **CMP** (compression) and **ALC** whenever mic gain or compression are adjusted.

VFO Icons: Shows that a VFO is locked. The **TX** icon points to the transmit VFO:

VFO A is the transmit VFO

*VFO B is the transmit VFO; see **SPLIT***



Filter Passband Graphic: Shows location of receive passband

Filter Icons:

NTCH Notch filtering on (**NTCH**)

Manual notch (**NTCH**)

I / II PBT filter function (**I/II**)

XFIL Extended filtering (**FL1-FL5**)

Mode Icons

Basic modes (**LSB** or **USB**, **CW**, **DATA**, **AM**, or **FM**) are selected by tapping **MODE**. Alternate modes (**CW REV**, **DATA REV**, **AM-S**, **FM +/-**) are selected by holding **ALT**. **LSB** and **USB** are alternates of each other. In SSB mode the **+** icon indicates ESSB. **T** indicates FM/tone, CW/DATA text decode, or AM-Sync auto-tracking.

Other Icons:

CWT CW/data tuning aid on (**CWT**)

Message play/rec (**MSG** / **REC**)

VOX VOX enabled (**VOX**)

QSK Full break-in CW enabled (**DLY**)

NB Noise blander on (**NB**)

NR Noise reduction on (**NR**)

ANT Antenna 1/2, KXAT100 (**ANT**)

ATT Attenuator on (**ATT**)

PRE Preamp on (**PRE**)

ATU ATU enabled (**ATU TUNE**)

RIT RIT on (**RIT**)

XIT XIT on (**XIT**)

SUB Dual-watch enabled

SPLT Split mode in effect (**SPLIT**)