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

MODE: Basic mode; ALT: Alternate mode (e.g. LSB/USB)

DATA TEXT: Data submode; TEXT: Text decode setup

A/B REV: VFO A/B swap; SPLIT: 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: 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)

Receive Settings

AF / RF-SQL: Receiver gain control

MON: Monitor level (CW/voice separate) *

PRE: Preamp; ATTN: Attenuator

NR: Noise reduction *

NB: Noise blanking *

Transmit LED

Delta-F LED

Offset / VFO B and Misc.

offs 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

VFO A

* 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 CW 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.

Filter Passband Graphic: Shows location of receive passband

Filter Icons:
- NTCH: Notch filtering on
- ▼: Manual notch
- I / II: PBT filter function
- XFIL: Extended filtering (FL1-FL5)

Other Icons:
- CW: CW/data tuning aid
- MSG/REC: Message play/rec
- VOX: VOX enabled
- QSK: Full break-in CW enabled
- NB: Noise blanker
- NR: Noise reduction
- ANT: Antenna 1/2, KXAT100
- ATT: Attenuator
- PRE: Preamp
- ATU: ATU enabled
- RIT: RIT on
- XIT: XIT on
- SUB: Dual-watch enabled
- SPLT: Split mode in effect

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.