

ELECRAFT K2 QUICK REFERENCE

*(for firmware Rev 2.xx)

CONTROLS & DISPLAY

LCD & Bargraph Meter

Power-Up Messages: **ELECRAFT** or **INFO** message if problem

Mode Indicator: [right end of display]
C (CW), **L** (LSB), **U** (USB), **R** (Rtty)
Bar over **C** or **R** for reverse modes.

Annunciators (8 chevron-shaped):

NB noise blander on
ANT2 antenna 2 selected
PRE pre-amp on
ATTN attenuator in (-10 dB)
A VFO A selected
B VFO B selected
RIT RIT turned on
(flashes for wide range)
XIT XIT turned on
(flashes for wide range)

Potentiometers

AF GAIN Receive audio level
RF GAIN receiver RF level
KEYER keyer speed (9-50 WPM)
POWER power output (0.1-15 W)
OFFSET RIT/XIT offset
+/- 0.6 kHz normal or
+/- 1.2 kHz wide mode

SWITCH FUNCTIONS

TAP upper function
HOLD > ½ sec lower function

BAND+ select next higher band
RCL recall frequency memory

BAND- select next lower band
STORE store frequency memory

MENU enter the menu
(See MENU Functions)
EDIT edit current menu parameter

DISPLAY display voltage/current,
time (w/KAF2 or KDSP2),
DSP parameters (w/ KDSP2)

RF/ALC select SSB Xmit bargraph
(RF or ALC)

ANT1/2 toggle Ant 1/Ant 2
(w/KAT2)

TUNE key transmitter

NB select noise blander mode
(**OFF/NB1/NB2**) (w/ KNB2)
LEVEL toggle NB threshold (hi / lo)

RATE select VFO tuning rate
(10/50/1000 Hz/step)
LOCK lock/unlock Rcv VFO

MODE select operating mode
VOX CW: **OPER/TEST** (no Xmit in
TEST mode);
SSB: **PTT/SPEECH** (w/ KSB2)

PRE/ATT preamp or attenuator
SPOT CW audio spot on/off

RIT turn on RIT
PF1 activate prog. function 1

A/B select A or B VFO
REV temp. swap A/B VFO (Split)

AGC select FAST/SLOW AGC
CW RV toggles CW normal/rev
RTTY/RTTYr & USB/LSB

XIT turn on XIT
PF2 activate prog. function 2

A=B synchronize VFO's
SPLIT toggle SPLIT / NORMAL Xcv.

XFIL select next Xtal filter
AFIL audio filter control (w/ KAF2)

MSG play or chain CW msg **0 - 8**
REC record CW message **0 - 8**

TWO SWITCH COMBINATIONS

BAND+ + BAND- direct freq. entry
Use 6 digits with "leading" 0 on
160M & 5 digits only for other bands

PRE/ATT + AGC AGC on/off

XFIL + AGC display present filter &
bandwidth plus audio filter setting
(w/ KAF2)

AFIL + SPLIT DSP notch filtering
on/off (w/ KDSP2)

AFIL + REC DSP noise reduction
on/off (w/ KDSP2)

DISPLAY + TUNE override ATU
TUNE power limit (W/ KAT2)

RIT + XFIL turn fine RIT on/off

MENU FUNCTIONS

Use **MENU** to access & use **EDIT** to
change parameters. Use knob or **BAND+**
& **BAND-** to select & **MENU** to exit.

ST L sidetone level (0-255)
ST P sidetone pitch (400-800 Hz)
T-R Xmit-Rcv (QSK) delay
(0.00-2.55 sec.) [0.01]

INP CW input selection
PLDn paddle normal
PLDr paddle reversed
Hand hand key or
external keyer

RPT CW msg repeat interval
(0-255 sec.)
IAB iambic mode A or B
SSBA SSB audio level (mic gain)
SSBC SSB speech compression
LCD DAY (backlight off) or
NITE (backlight on)
GRPH LED bargraph selection
(OFF, DOT, BAR)

OPT Rcvr optimization
(PERformance or BATTery)

ATU ATU oper. mode
RANT Rcv. Antenna on/off
(per band)

CAL calibration submenu
(see Calibration Functions)

PF1/PF2 programmable functions

DISPLAY usage in MENU **EDIT** mode to
access supplemental parameters.

STL select sidetone source **U8-4**
(default) or **U6-25**.

T-R selects **8R hold** (default) or
8r nor during QSK delay
INP input select auto-detect
mode **ADET On** (default)

SECONDARY MENU FUNCTIONS

To access the secondary menu, tap **MENU**,
then tap **DISPLAY**. Tap **MENU** to exit.

SLCH Squelch level (1 - 10).
Default = **OFF**

RATES tuning RATE selections
3N (10/50/1000 Hz)
3R (1000/50/10 Hz)
3C (10/20/1000 Hz)
2 (10/50 Hz)

DOT Dot/space ratio (.9 - 1.4)
Default = **1.10**

FLPY Fast Play CW switch selections
PORT RS232 interface on/off
SPLT SPLIT, RIT, XIT config.
Po28 10 / 12 M SSB Pout limit
RTTY RTTY (data) mode control

RTC Real-time clock control
(KA2F or KDSP2 option only)
RIT RIT/XIT offset range
ACC Accessory output control
D19 Leave default at (n) unless
K60XV is installed
PA Parameters for K2/100
TRN1-3/4-6 transverter band setup

DISPLAY usage in Secondary MENU **EDIT**
mode to access supplemental parameters.

PORT sends RS-232 test message if
PORT is **ON**.
PA selects PA fan mode (w/
KPA100)
TRN1-6 selects transverter parameters
(w/ K60XV)
D19 selects PA low pass filter to use
on 60M (w/ K60XV)

CALIBRATION FUNCTIONS

FCTR frequency counter
CUR prog. Xmit current limit
S LO S-meter zero set
S HI S-meter full-scale sensitivity set
FIL filter settings
PLL VFO linearization

CW MESSAGE MEMORIES

To **record** a message:
Hold **REC**, & when prompted tap a
numbered switch **0-8**. Display will
show bytes of storage available and
will count down as you send. Tap
MSG to stop recording.

To **play** back a message:
Tap **MSG**, then select message buffer
0-8. Tap **MSG** or paddle to cancel.
To listen w/o transmitting use CW
TEST mode.

Auto-Repeat:
To auto-repeat, tap **MSG** and *hold* the
desired numbered switch. Message
will play continuously until stopped.
The auto-repeat interval can be set
with the RPT menu entry.

Message Chaining:
While a message is playing, tap any
numbered message button to chain a
message onto the end of the current
one. To chain a repeating message,
HOLD rather than tap the second
numbered button.

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