

# Comparison: Elecraft KX3, ICOM IC-7300

<i>Performance</i>	<b>KX3</b>	<b>IC-7300</b>
Sherwood receiver ranking ( <a href="http://www.sherweng.com">www.sherweng.com</a> )	#6	#12
Receiver 3 <sup>rd</sup> order dynamic range (2 kHz)	104 dB (with roofing filter option)	94
Receiver blocking dynamic range (100 kHz)	138 dB	123 dB
Lowest usable supply voltage (approx.)	8 V	11.7 V

<i>Features</i> (* with applicable option)	<b>KX3</b>	<b>IC-7300</b>
<b>GENERAL</b>		
Internal battery	✓	
Detachable/portable low-power transceiver section	✓	
ATU matching range*	Over 10:1	3:1
144 MHz or 70 MHz all-mode coverage	144 MHz or 70 MHz*	70 MHz
Antenna jacks	2 (with KXAT100*)	1
Built-in data modes (no computer required)	PSK31/63, RTTY	RTTY
Memories	150+	101
Programmable function switches	2	
Front panel knob functions, total	5	6
Front panel switch functions, total	48	27 (est.)
<b>PANADAPTER</b>		
Portion of display dedicated to spectrum/waterfall	7.7 sq. in.*	2.5 sq. in. (est.)
External keyboard jack (USB)*	✓	
Touch screen type	N/A	Resistive
<b>RECEIVER</b>		
Narrowband ADC protection (roofing filters)	1.0/3.0 kHz*	None (BPF only**)
Dual Watch (simultaneous RX on VFO A and B freqs.)	✓	
Scanning	✓	✓
8-band RX EQ	✓	
<b>TRANSMITTER</b>		
Power output	15 W / 100 W*	100 W
T/R switching method	PIN Diode (Silent)	Relay
8-band TX EQ	✓	
Transmit inhibit input	✓	
CW keying with mic up/down buttons		✓
Attached keyer paddle	✓	
Iambic keying modes	A and B	B

\*\* Without roofing filters, strong signals anywhere inside the band-pass filter (est. 0.5-4 MHz) can cause ADC overrange.