



ICOM

VHF/UHF DUAL BAND TRANSCEIVER

IC-2730E

Black Edition

Dual Bander with High-contrast Black Inverted LCD

VHF/VHF, UHF/UHF Simultaneous Reception

50 Watts of Output on VHF and UHF

High-contrast Large Black Inverted LCD

Controller Attachment to the Main Unit with
Optional MBA-4



VHF/VHF, UHF/UHF Simultaneous Receive

The IC-2730E provides VHF/VHF, UHF/UHF simultaneous receive capability as well as VHF/UHF receive. Main dials, volume, squelch knobs and primal buttons are symmetrically laid out for each band.

50 Watts of Output on VHF and UHF

The IC-2730E employs a durable PA module and delivers 50 watts of high-power operation on both VHF and UHF bands.

Easy Controller Mounting with the Optional MBF-1

The combination of the optional MBF-1 suction cup mounting base and MBA-5 controller bracket provides easy tilt and swivel adjustments. The large suction cup can be mounted on flat surfaces and can be removed easily.



High-contrast Large Black Inverted LCD

The display size of the IC-2730E is 91 mm x 27 mm view area. The frequency and channel name are displayed larger, and the black inverted LCD provides higher contrast.

Built-in 50 CTCSS and 104 DTCS tones with Split Tone Function

The CTCSS and DTCS tones are built-in for quiet stand-by and repeater access. The split tone function allows you to set CTCSS/ DTCS tones separately for repeater uplink and downlink on a per channel basis.

Controller Attachment to the Main Unit with Optional MBA-4

With the optional MBA-4 combination bracket, the controller can be attached to the main unit. The microphone jacks are mounted on both the controller and main unit.

Wideband Receiver

The IC-2730E covers 118–174 and 375–550MHz*. You will be able to listen to aviation, marine channels and other utility communications.

* Receiver range differs depending on version.

And More..

- Remote control microphone, HM-207
- Optional active noise canceling microphone, HM-209
- CS-2730 free download PC programming software
- Versatile scanning capability
- Squelch delay and squelch attenuator
- Sub band auto mute function
- Sub band busy beep function
- Auto power off
- Time-out-timer
- 16 DTMF auto dial memories
- CI-V remote control capability (through the OPC-478UD)

SPECIFICATIONS

GENERAL	
Frequency coverage	
Version	Transmit Receive
EUR	144–146, 430–440 MHz 118–174, 375–550 MHz*
* Guaranteed range is same as transmit range.	
No. of memory channels	1052 channels (including 50 scan edges and 2 Call)
Type of emission	F2D, F3E (FM, FM-N)
Frequency stability	±2.5 ppm
Power supply requirement	13.8 V DC ±15 %
Current drain (approximate)	Tx 13 A Rx 1.8 A/1.2 A (Max. audio/Stand-by)
Antenna impedance	50 Ω (SO-239)
Operating temperature range	-10 °C to +60 °C
Dimensions (W×H×D)	Main unit 150 × 40 × 151 mm Controller 150 × 50 × 27.2 mm (Projections are not included.)
Weight (approx.)	Main unit 1.2 kg Controller 140 g

TRANSMITTER	
Output power (at 13.8 V DC)	50 W, 15 W, 5 W
Max. frequency deviation	±5.0 kHz/±2.5 kHz (W/N)
Spurious emissions	Less than -60 dBc
Microphone impedance	600 Ω (8-pin modular)
RECEIVER	
Intermediate frequencies	A band 38.85 MHz/450 kHz B band 46.35 MHz/450 kHz
Sensitivity (at 12 dB SINAD)	Less than 0.18 μV
Selectivity	More than 60 dB/55 dB (W/N)
Spurious response rejection	A band More than 60 dB/55 dB (V/U) B band More than 60 dB/60 dB (V/U)
Audio output power	More than 2 W (10 % dist. 8 Ω)
External speaker connector	2 conductor 3.5 (d) mm (1/8") 8 Ω
Supplied Accessories	
• Hand microphone, HM-207 • Controller cable • Microphone hanger • DC power cable • Spare fuse	

Receiver sensitivity	(Not guaranteed, for your reference only)	
FM/FM-N (12 dB SINAD)*		
137–159.995 MHz	0.32 μV	160–174.000 MHz 0.56 μV
375–399.995 MHz	0.56 μV	400–499.995 MHz 0.32 μV
500–550.000 MHz	0.56 μV	
AM/AM-N (10 dB S/N)	118–136.991 MHz	1 μV

* Except amateur bands. Less than

All stated specifications are subject to change without notice or obligation.

Applicable U.S. Military Specifications

Standard	MIL 810G	
	Method	Procedure
High Temperature	501.5	I, II
Low Temperature	502.5	I, II
Vibration	514.6	I
Shock	516.6	I, IV

Also meets equivalent MIL-STD-810-C, -D -E and -F.

OPTIONS

Some options may not be available in some countries. Please ask your dealer for details.

NOISE CANCELING MICROPHONE HM-209	HAND MICROPHONES HM-207 HM-154 HM-232	HANDS FREE MICROPHONE HM-249	MICROPHONE EXTENSION CABLES OPC-440: 5 m OPC-647: 2.5 m	MICROPHONE EXTENSION CABLE OPC-2500 For use with HM-249 remote PTT button 2 m	MICROPHONE ADAPTER CABLE OPC-589 For use with an 8-pin microphone	EXTERNAL SPEAKERS SP-35: 2 m cable SP-35L: 6 m cable SP-30: 102.5 mm diameter speaker
MOUNTING BRACKET MBF-4 For mounting the main unit.	MOUNTING BASE & CONTROLLER BRACKET MBF-1 MBA-5 Suction cup mounting base. MBA-5 is required.	COMBINATION BRACKET MBA-4 For attaching the controller to the main unit.	CONTROLLER EXTENSION CABLE OPC-1156 3.5 m cable. A modular connector is supplied.	PROGRAMMING CABLE OPC-478UD: USB type cable for use with the CS-2730.	• CS-2730 PROGRAMMING SOFTWARE Free download from Icom website. • OPC-474 CLONING CABLE For transceiver to transceiver cloning cable.	



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