

## Practical Dual Bander with Optional Bluetooth® Headset



### VHF/VHF, UHF/UHF Simultaneous Receive

The IC-2730A 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.

### Optional VS-3 Bluetooth® Headset

The optional VS-3 Bluetooth® headset can wirelessly control the IC-2730A with three programmable keys and a PTT button. It also provides VOX operation for hands-free communication.

\* Optional UT-133/A Bluetooth® unit must be installed in the IC-2730A.



▲ Optional VS-3 Bluetooth® headset

### Easy-to-See Large White Backlit LCD

The display size of the IC-2730A is 1.5 times larger than its predecessor, the IC-2720H. Frequency display and channel names are larger, and the white backlit provides higher contrast.

### 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.



▲ Photo includes optional MBF-1 and MBA-5

## 50 watts of output on VHF and UHF

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

## 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.

## SPECIFICATIONS

GENERAL		
Frequency coverage		
Version	Transmit	Receive
USA	144-148, 430-450 MHz	118-174, 375-550 MHz <sup>*1</sup>
Export	137-174, 400-470 MHz <sup>*2</sup>	118-174, 375-550 MHz <sup>*2</sup>
Guaranteed range <sup>*1</sup> 144-148, 430-450 MHz; <sup>*2</sup> 144-148, 430-440 MHz		
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	Tx	13 A
(approximate)	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; 14°F to +140°F	
Dimensions	Main unit	150x40x151 mm; 5.91x1.57x5.94 in
(WxHxD)	Controller	150x50x27.2 mm; 5.91x1.97x1.07 in
Projections are not included.)		
Weight (approx.)	Main unit	1.2 kg; 2.65 lb
	Controller	140 g; 4.94 oz

## 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-2730A covers 118-174 and 375-550 MHz. You will be able to listen to aviation, marine, weather channels and other utility communications.

TRANSMITTER		
Output power (at 13.8 V DC)	50 W, 15 W, 5 W	
TPE version	25 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 fuses		

## And More...

- HM-207 remote control microphone • 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 repeater functions\* (\* Depending on the transceiver version)
- Auto power off • Time-out-timer • 16 DTMF auto dial memories • Weather channel receive with weather alert\* (\* USA version only) • CI-V remote control capability (through the OPC-478UC)

Receiver sensitivity (Less than) (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.  
**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.

<b>HAND MICROPHONES</b>  HM-207 HM-154	<b>NOISE CANCELING MICROPHONE</b>  HM-209	<b>EXTERNAL SPEAKERS</b>  SP-35: 2 m cable SP-35L: 6 m cable SP-30 4 inch (102.5 mm) diameter speaker	<b>Bluetooth® UNIT &amp; Bluetooth® HEADSET</b>  UT-133/A VS-3 Use with UT-133/A in a pair	<b>MOUNTING BRACKET</b>  MBF-4 For mounting the main unit.	<b>MOUNTING BASE &amp; CONTROLLER BRACKET</b>  MBF-1 Suction cup mounting base. MBA-5 is required. MBA-5
<b>COMBINATION BRACKET</b>  MBA-4 For attaching the controller to the main unit.	<b>CONTROLLER EXTENSION CABLE</b>  OPC-1156 3.5 m (11.4 ft) cable. A modular connector is supplied.	<b>MICROPHONE ADAPTER CABLE</b>  OPC-589 For use with an 8-pin microphone	<b>MICROPHONE EXTENSION CABLES</b>  OPC-440: 5 m (16.4 ft) OPC-647: 2.5 m (8.2 ft)	<b>PROGRAMMING CABLE</b>  OPC-478UC: USB type cable for use with the CS-2730.	<b>CS-2730 PROGRAMMING SOFTWARE</b> Free downloadable PC programming software. Download from <a href="http://www.icom.co.jp/world/support/index.html">http://www.icom.co.jp/world/support/index.html</a> <b>OPC-474 CLONING CABLE</b> For transceiver to transceiver cloning cable.



The "3D GENUINE Icom label" is attached to the bottom of the main unit. Check the Icom website for details: <http://www.icom.co.jp/world/genuine-info/>

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