

## 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 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, 430-450MHz 118-174, 375-550MHz*1
Export	137-174, 400-470MHz*2 118-174, 375-550MHz*2
Guaranteed range *1 144-148, 430-450MHz; *2 144-148, 430-440MHz	
No. of memory channels	1052 channels (including 50 scan edges and 2 Call)
Type of emission	F2D, F3E (FM, FM-N)
Frequency stability	±2.5ppm
Power supply requirement	13.8V DC ±15%
Current drain Tx (approximate)	13A
Rx	1.8A/1.2A (Max. audio/Stand-by)
Antenna impedance	50Ω (SO-239)
Operating temperature range	-10°C to +60°C; 14°F to +140°F
Dimensions (W×H×D)	Main unit 150×40×151 mm; 5.91×1.57×5.94 in Controller 150×50×27.2 mm; 5.91×1.97×1.07 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 375-550MHz. You will be able to listen to aviation, marine, weather channels and other utility communications.

## 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)

TRANSMITTER	
Output power (at 13.8V DC) TPE version	50W, 15W, 5W 25W, 15W, 5W
Max. frequency deviation	±5.0kHz±2.5kHz (W/N)
Spurious emissions	Less than -60dBc
Microphone impedance	600Ω (8-pin modular)
RECEIVER	
Intermediate frequencies	A band 38.85MHz/450kHz B band 46.35MHz/450kHz
Sensitivity (at 12dB SINAD)	Less than 0.18μV
Selectivity	More than 60dB/55dB (W/N)
Spurious response rejection	A band More than 60dB/55dB (V/U) B band More than 60dB/60dB (V/U)
Audio output power	More than 2W (10% dist. 8Ω)
External speaker connector	2 conductor 3.5 (d) mm (1/8")/8Ω
Supplied Accessories	
• Hand microphone, HM-207 • Controller cable • Microphone hanger • DC power cable • Spare fuses	

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

\* Except amateur bands.  
All stated specifications are subject to change without notice or obligation.


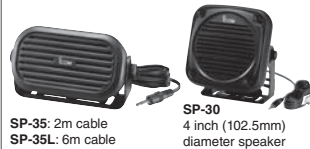




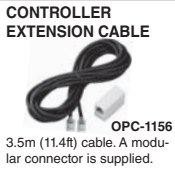



## Applicable U.S. Military Specifications

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>EXTERNAL SPEAKERS</b>  SP-35: 2m cable SP-35L: 6m cable SP-30 4 inch (102.5mm) diameter speaker	<b>Bluetooth® UNIT &amp; Bluetooth® HEADSET</b>  UT-133 VS-3 Use with UT-133 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 3.5m (11.4ft) 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: 5m (16.4ft) OPC-647: 2.5m (8.2ft)	<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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