o ICOM

DUAL BAND FM TRANSCEIVER

IC-2720H

Twice the versatility, twice the fun!

V/V, U/U simultaneous receive capability

The IC-2720H is a unique dual band mobile, providing VHF/VHF, UHF/UHF simultaneous receive capability along with VHF/UHF full duplex operation. Simple touch of a button changes the transmit band.

Independent controls for each band

Operating two bands simultaneously is very simple with Icom's symmetric layout with a wide LCD display showing both band settings in an easy to read side by side format. The IC-2720H provides separate tuning, volume, squelch knobs and function buttons for the left and right side bands. Also, listen to both bands independently through separate left and right band audio jacks.

Dynamic Memory Scan (DMS)

With 212 memory channels, Icom's exclusive Dynamic Memory Scan system gives you flexibility

over your scanning lists, fully customizable in 10 banks.

> Selectable Green and Amber Display.

Photo shows combined controller/main unit setup using optional MB-85.

Wideband receiver

Keep on top of what is happening with the IC-2720H's wideband receiver. Covering from 118–549 and 810–999MHz*, you will be able to listen to almost any communications! (* Receiver range differs depending on version)

HM-133, remote control microphone

The lcom exclusive "Hot keys" (F1/F2) memorize the most commonly used transceiver settings.

DTCS and CTCSS

The IC-2720H incorporates 104×2 DTCS and 50 CTCSS tone codes along with a tone scan function. Don't miss out on communications because of not having the proper type of "tones"! The "pocket beep"feature gives you an audible and visible indicator of an incoming call.



HM-133

Compact, remote controller

The controller with the 3.5m (11.5') separation cable is an easy to install two pieces configuration. This configuration offers the flexibility of mounting the controller while placing the main unit in an outof-the-way location without any additional cost. Microphone jacks are mounted both on the controller and main unit of the radio!

And more...

- 10dB RF attenuator Selectable squelch delay
- 9600bps packet data terminal (mini-DIN 6-pin connector)
- Optional MB-85 allows you to mount the controller to the main unit
- 14 DTMF memory channels (24 digits)
- Sub band auto mute function MOS-FET power amplifier
- Weather Alert* Auto repeater function*
- Wide/narrow channel spacing*
 - (* U.S.A. version only)



SPECIFICATIONS

GENERAL		
 Frequer 	icy coverage	: (Unit: MHz)
Version	Guaranteed range	Receiver working range
U.S.A.	144–148, 440–450*1	(Left side) 118–549.995 (Right side) 118–173.995, 375–549.995, 810–999.990*2
S.E.Asia	144–148, 430–440	136–173.995, 430–440
General	144–148, 430–440	(Left side) 118–549.995 (Right side) 118–173.995, 375–549.995, 810–999.990
Antenna Power s Usable t Frequer Tuning s Current	of memory channel a impedance upply requirement temperature range toy stability step increments drain (at 13.8V DC)	: 50Ω (SO-239) : 13.8V DC ±15% : -10°C to +60°C; +14°F to +140°F : ±10ppm (-10°C to +60°C) : 5, 10, 12.5, 15, 20, 25, 30 and 50kHz : Receive standby 1.2A max. audio output 1.8A Transmit at high (VHF) 12A (UHF) 11A
Dimensi Weight (ons (projections not in Controlle Main Uni (approx.) Controlle Main Uni	r 140 × 50 × 24.5mm; 5½ × 1 ³¹ / ₃₂ × ³¹ / ₃₂ in t 140 × 40 × 187mm; 5½ × 1% s × 7% in : r 150g; 5.29oz

OPTIONS

MOUNTING BRACKETS

MB-84 CONTROLLER BRACKET

Mounts the remote controller in a convenient location for operation with the controller detached. •MB-85 COMBINATION BRACKET

Mounts the remote controller to the main unit. 20cm (7.87in.) separation cable is supplied

•MB-65 MOUNTING BASE

Mounts the remote controller with the MB-84. Adjustable angle and direction for optimum positioning.

 MB-17A MOBILE MOUNTING BRACKET The main unit is easily attached and removed.

MICROPHONE ACCESSORIES

- •HM-118N HAND MICROPHONE Regular hand microphone.
- •HM-118TN/TAN DTMF MICROPHONE DTMF microphone.
- •HM-133 REMOTE CONTROL MICROPHONE Full remote control microphone with keypad backlighting. Same as supplied.

Output power

Receive system

(Left/right side band)

Squelch sensitivity

(* U.S.A. version only)

Microphone impedance

Intermediate frequencies

Sensitivity (at 12dB SINAD)

Selectivity (Wide/Narrow*)

Spurious rejection ratio

• Ext. speaker connector

Supplied accessories: • Hand microphone, HM-133

Mounting bracket, MB-84

• Audio output (at 13.8V DC)

- •OPC-440/OPC-647 MIC EXTENSION CABLES OPC-440: 5.0m (16.4ft); OPC-647: 2.5m (8.2ft) • OPC-589 MIC ADAPTER CABLE
- Allows you to connect an 8-pin microphone.

OTHER ACCESSORIES

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

- •CS-2720 CLONING SOFTWARE + OPC-478/OPC-478U CLONING CABLES OPC-478: RS-232C cable; OPC-478U: USB cable
- OPC-474 CLONING CABLE (between transceivers)
- •OPC-347/OPC-1132 DC POWER CABLES
- OPC-347: 7.0m (23ft); OPC-1132: 3.0m (9.8ft) •OPC-441 SPEAKER EXTENSION CABLE
- 5 0m (16 4ft) of extension cable for speaker •OPC-1155/OPC-1156 SEPARATION CABLES
- 3.5m (11.5ft) of extension cable for remote controller. A modular connector is supplied with OPC-1156.
- •SP-7/SP-10 EXTERNAL SPEAKERS



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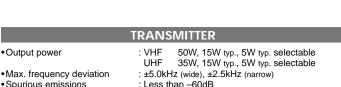


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: Double conversion superheterodyne

38.85/46.05MHz

450/455kHz

Less than 0.13µV (at threshold)

Less than 30/20kHz at -60dB

2-conductor 3.5 (d) mm (1/8")/8Ω

More than 2.4W at 10% distortion with an 8Ω load

Spare fuse

More than 12/6kHz at -6dB

•DC power cable, OPC-1132

•3.5m (11.5ft) separation cable

IC-2720

 600Ω (8-pin modular jack)

RECEIVER

: Less than 0.18µV

: More than 60dB

: 1st

2nd