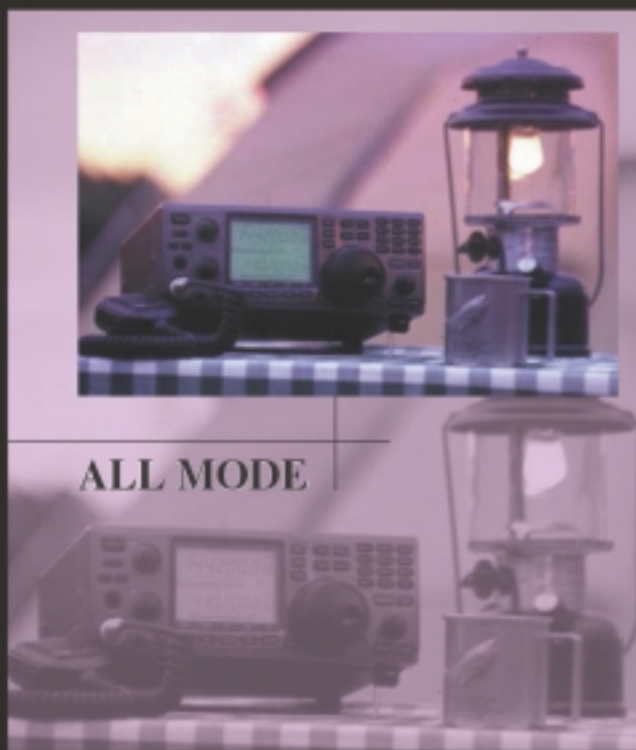


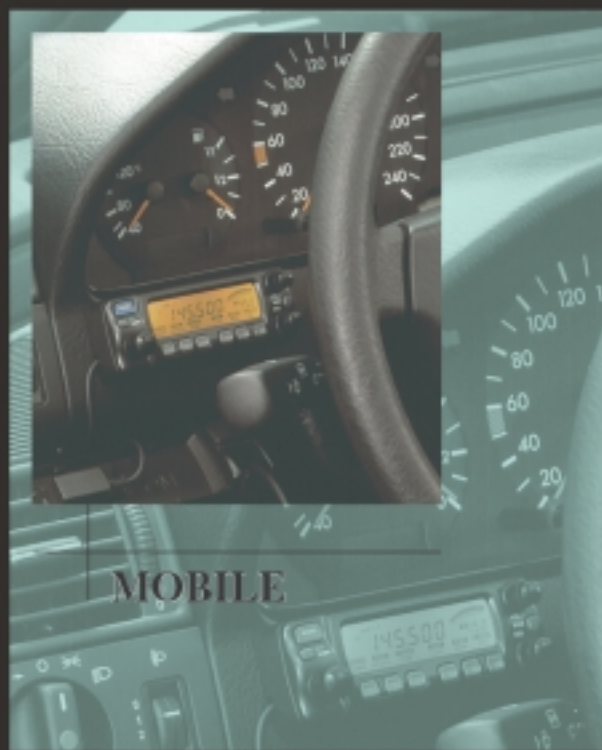
HANDHELD



BASE STATION



ALL MODE



MOBILE



HF/50MHz ALL MODE TRANSCEIVER

IC-756PROII

- ★ 32-bit Floating-Point DSP with 24-bit AD/DA converter built-in
 - ★ 51 types of passband width, soft and sharp filter shapes
 - ★ Baudot RTTY demodulator/decoder
- 5-inch TFT color LCD • High stability crystal unit standard • RF speech compressor • Microphone equalizer • Manual notch • Real time spectrum scope with peak hold and dual color indication • Digital voice memories • Digital twin PBT • DSP controlled AGC loop • Digital noise reduction • Dual watch • Analog and digital meters • 8 screens and 7 fonts



HF ALL BAND TRANSCEIVER

IC-775DSP

- ★ DSP providing unsurpassed Tx and Rx signal quality
 - ★ Noise reduction and automatic notch filter
 - ★ Stable 200W output power generated by power MOS-FETs
- Digital PSN modulation and demodulation • Digital LPF and HPF • Digital ultra narrow CW filter • Digital automatic APF • Dual watch • Twin PBT • Mixer-less PLL • 1Hz tuning • Built-in automatic antenna tuner • Built-in power supply • Memory keyer • CW reverse mode • CW pitch control



HF/50MHz/144MHz ALL MODE TRANSCEIVERS

IC-746PRO • IC-7400

- ★ 100W output on all HF, 50MHz and 144 MHz bands
 - ★ 32-bit DSP with 24-bit AD/DA converter
 - ★ 51 types of passband width, soft and sharp filter shapes
- Large, multi-function LCD • RTTY demodulator/decoder • Digital twin PBT • DSP controlled AGC loop • Digital twin PBT • 108 DTCS and 50 CTCSS standard • 4 channels memory keyer with 50 characters • Automatic antenna tuner • FM narrow capability • Quick split • Triple band stacking register • Memo-pad • VSC function • Optional voice synthesizer



HF/50MHz/144MHz/430(440)MHz ALL MODE TRANSCEIVER

IC-706MKIIG

- ★ Covers all HF, 6m, 2m and 70cm bands
 - ★ Clean, stable and powerful output power generated by MOS-FET power amplifiers
 - ★ Built-in tone squelch function
- Front panel separation capability • Illuminated function keys and switches • Optional DSP capabilities • Automatic repeater function • Simple band scope function • Narrow FM capability • Up to 3 selectable passband widths • Built-in electronic keyer • IF shift interference rejection • Continuously adjustable RF output • Adjustable SSB carrier point • Optional HF+50MHz automatic antenna tuner

HF

TRANSCEIVERS



HF ALL BAND TRANSCEIVER

IC-718

- ★ Simple, straight forward operation with keypad
- ★ General coverage receive with superior performance
- ★ Optional AF DSP capabilities, including noise reduction and auto notch function

• Built-in electronic keyer • Band stacking register • Combined squelch and RF gain control • 101 memory channels • CW full break-in • Microphone compressor • Preamplifier and attenuator • IF shift interference rejection • 1Hz tuning • VOX • Digital S/Rf meter • Optional automatic antenna tuners



ALL MODE

TRANSCEIVERS



VHF/UHF ALL MODE TRANSCEIVER

IC-910H

- ★ 100W output on 144MHz band and 75W output on 430MHz band
- ★ Ready-to-install 1200MHz band unit
- ★ Excellent support for satellite mode and PACKET operation

• Continuously adjustable Tx output power • 0.11 μ V of high sensitivity (at 10dB S/N on SSB, CW mode) • 10 satellite memory channels • Optional AG-2400 for AO-40 • Sweep function • IF shift function • Up to 2 optional DSP units • FM-narrow mode receivable • CTCSS tone encoder/decoder • 9600bps PACKET capability • Built-in electronic keyer • Memory pad function



A

• AD-28, AD-51, AD-56, AD-81, AD-87, AD-94 DESKTOP CHARGER ADAPTERS

Insert into the BC-119N to fit a battery pack to the BC-119N's charging slots. Require the AD-75 for the IC-W32A/E, IC-T7H, IC-T22A/E, and IC-2GXAT/ET, or AD-88 for the IC-T81A/E additionally. Some BC-119N versions have the AD-75 already installed.

<AD-28: IC-2GXAT/ET with AD-75>

<AD-51: IC-W32A/E with AD-75>

<AD-56: IC-T7H, IC-T22A/E with AD-75>

<AD-81: IC-T2H>

<AD-87: IC-T81A/E with AD-88>

<AD-94: IC-T3H, IC-V8 >

• AD-92SMA

ANTENNA CONNECTOR ADAPTER

Allows you to connect a BNC-type antenna to SMA type connector.

<IC-T81A/E, IC-Q7A/E>

• AG-25, AG-35, AG-1200

WEATHERPROOF PREAMPLIFIERS

External all-weather, mast-mount preamplifiers for compensating for feed-line losses. (Not available for EU countries)

<AG-25 (144MHz), AG-35 (430MHz): IC-910H>

<AG-1200 (1200MHz): IC-910H with UX-910>

• AG-2400

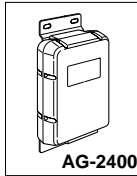
DOWN CONVERTER

All-weather, satellite down converter with superior NF (1.5dB) and conversion gain (25dB).

Input frequency : 2400-2402MHz,

Output frequency : 144-146MHz

<IC-910H>



AG-2400

• AH-2b HF ANTENNA ELEMENT

A 2.5m (8.2ft) long antenna element with a 0.9m (3ft) high voltage cable for mobile operation. All bands between 7 to 54MHz can be matched with the AH-4.

<IC-756PROII, IC-746PRO, IC-7400, IC-706MKIIG, IC-718 with AH-4>

• AH-4

HF+50MHz AUTOMATIC ANTENNA TUNER

Specially designed to tune a long wire antenna for portable or mobile operation. Match a more than 7m (23ft) long wire to all HF bands 3.5MHz and higher.

<IC-756PROII, IC-746PRO, IC-7400, IC-706MKIIG, IC-718>

• AH-710 FOLDED DIPOLE ANTENNA

Covers from 1.8-30MHz bands. Has an SO-239 connector. 30m (98.4ft) coaxial cable with PL-259 connectors is supplied.

<IC-756PROII, IC-746PRO, IC-7400, IC-706MKIIG, IC-718>

• AT-180

HF+50MHz AUTOMATIC ANTENNA TUNER

Fully automatic tuner with 70 channel preset memories and "automatic tuner on" function when connecting to the IC-706MKIIG.

<IC-706MKIIG, IC-718>

B

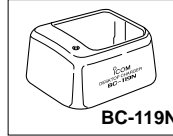
• BC-110A/C/D/V WALL CHARGER

See the table on this page.

<IC-T81A/E, IC-W32A/E, IC-T7H, IC-T2H, IC-T22A/E>

• BC-119N DESKTOP CHARGER

Rapidly charges a battery pack in 1 to 1.5 hours. A desktop charger adapter is required to use this charger. See the table on this page.



BC-119N

<Icom handheld transceivers, except IC-Q7A/E>

• BC-123/BC-145/BC-147AC ADAPTORS

<BC-123: BC-119N>

<BC-145: BC-143, BC-144>

<BC-147: BC-146>

• BC-127 Ni-Cd CHARGER

Charges supplied 2 AA (R6) Ni-Cd cells (700mAh) in 7 hours. Up to 4 Ni-Cd cells can be charged simultaneously.

<IC-Q7A/E>

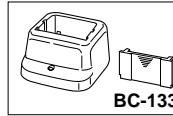
• BC-133/BC-146

BATTERY CHARGERS

Regularly charges a battery pack with/without transceiver.

<BC-133 : IC-T2H>

<BC-146 : IC-T3H, IC-V8 with BC-147>



BC-133

• BC-143/BC-144 DESKTOP CHARGER

Rapidly charges a battery pack in 1 to 1.5 hours. An AC Adapter, BC-145, is supplied depending on version.

<BC-143: IC-T2H with BC-145>

<BC-144: IC-T3H, IC-V8 with BC-145>

• BP-130A, BP-157A, BP-160, BP-170-BP-174, BP-180, BP-194-BP-200L, BP-208-BP-210, BP-222

BATTERY PACKS AND CASES

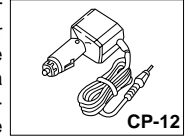
See the table on this page.

<Icom handheld transceivers, except IC-Q7A/E>

C

• CP-12/L CIGARETTE LIGHTER CABLES WITH NOISE FILTERS

Allow you to operate your handheld (charging only for the IC-T2H) and to charge its battery pack through a 12V cigarette lighter socket. CP-12L has L shape plugs.



CP-12

<CP-12/L: IC-T81A/E, IC-W32A/E, IC-T7H, IC-T2H, IC-T22A/E>

• CR-282, CR-293, CR-338

HIGH STABILITY CRYSTAL UNITS

Provide improved frequency stability.

Frequency stability: ±0.5ppm

<CR-282: IC-775DSP, IC-706MKIIG>

<CR-293: IC-910H>

<CR-338: IC-746PRO, IC-7400, IC-718>

• CS-207, CS-2100, CS-2800, CS-T2, CS-T7, CS-T81, CS-V8, CS-V8000, CS-W32 CLONING SOFTWARES

Provides quick and easy programming of memory channels, set mode items, etc.

<CS-207: IC-207H with OPC-646>

<CS-2100: IC-2100H with OPC-478>

<CS-2800: IC-2800H with OPC-478>

<CS-T2: IC-T2H with OPC-478>

<CS-T7: IC-T7H with OPC-478>

<CS-T81: IC-T81A/E with OPC-478>

<CS-V8: IC-T3H, IC-V8 with OPC-478>

<CS-V8000: IC-V8000 with OPC-478>

<CS-W32: IC-W32A/E with OPC-478>

• CT-17 CI-V LEVEL CONVERTER

For remote transceiver control using a personal computer equipped with an RS-232C port.

<Icom HF, all mode transceivers>

	Battery packs	Voltage /Capacity	Usable chargers and cables (approx. charging time)		
			Desktop charger	Wall chargers	Cables
IC-T3H IC-V8	BP-208		BATTERY CASE R6 (AA) × 6		
	BP-209	7.2V/1100mAh	BC-144 (2hrs.) or BC-119N with AD-94 (2hrs.)	-	-
	BP-210	7.2V/1650mAh			
	BP-222	7.2V/600mAh			
IC-T2H	BP-194		BATTERY CASE R6 (AA) × 8		
	BP-195	9.6V/700mAh	BC-143 (1.5hrs.) or	BC-110*2	OPC-254, CP-12/L
	BP-196	9.6V/1050mAh	BC-119N with AD-81 (1.5hrs.)	(15-20hrs.)	(15-20hrs.)
IC-T81A/E	BP-197		BATTERY CASE R6 (AA) × 3		
	BP-198	4.8V/700mAh	BC-119N with AD-87 and AD-88 (1hr.)	BC-110*2 (15hrs.)	OPC-254, CP-12/L (15hrs.)
	BP-199	6.0V/700mAh			
	BP-200L	9.6V/760mAh			
IC-W32A/E, IC-T7H, IC-T22A/E	BP-170		BATTERY CASE R6 (AA) × 4		
	BP-171	4.8V/700mAh	BC-119N with AD-75*3 and AD-51/AD-56** (1hr.)	BC-110*2 (15hrs.)	OPC-254, CP-12/L (15hrs.)
	BP-172	4.8V/950mAh			
	BP-173	9.6V/650mAh			
	BP-180	7.2V/600mAh			
IC-2GXAT/ET	BP-130A		BATTERY CASE R6 (AA) × 6		
	BP-157A	7.2V/900mAh	BC-119N with AD-28*4 and AD-75*3*4 (1-1.5hrs.)	-	-
	BP-160	7.2V/700mAh			
	BP-174	12.0V/600mAh			

*1AD-51 for IC-W32A/E; AD-56 for IC-T22A/E, IC-T7H.

**Some BC-119N versions have already installed.

*2BC-110 is compatible with BC-74.

**AD-66 is equivalent to AD-28 plus AD-75.

F

• FA-1443B, FA-B2C, FA-B2B, FA-B2D, FA-B2E, FA-B270C, FA-S270C, FA-S6270A FLEXIBLE ANTENNAS

<FA-1443B: IC-W32A, IC-T7H U.S.A.>
 <FA-B2B: IC-T22A/E>
 <FA-B2C: IC-T2H>
 <FA-B2D: IC-2GXAT/ET>
 <FA-B2E: IC-T3H, IC-V8>
 <FA-B270C: IC-W32A/E, IC-T7H>
 <FA-S270C: IC-Q7A/E>
 <FA-S6270A: IC-T81A/E>

• FL-52A, FL-53A, FL-100, FL-101, FL-132, FL-133, FL-232 CW NARROW FILTERS FL-102 AM FILTER FL-103, FL-222, FL-223, FL-257 SSB FILTERS

Refer to the table on next page for details.
 <IC-775DSP, IC-706MKIIG, IC-718, IC-910H>

H

• HM-12 HAND MICROPHONE

Equipped with up/down switches for scanning.
 <IC-910H>

• HM-36 HAND MICROPHONE

Equipped with up/down switches for scanning.
 <Icom HF transceivers>

• HM-46/L SPEAKER-MICROPHONES

Compact and lightweight speaker-microphones. Have an earphone jack.
 <Icom handheld transceivers>

• HM-54 SPEAKER-MICROPHONE

Full-sized speaker-microphone.
 <Icom handheld transceivers>

• HM-75A REMOTE CONTROL SPEAKER-MICROPHONE

Speaker-microphone with remote control keys. Remotely selects memory channels, etc.
 <Icom handheld transceivers, except IC-Q7A/E and IC-2GXAT/ET>

• HM-95, HM-97 HAND MICROPHONES

Large size microphones. The HM-95 has a DTMF keypad, the HM-97 has a 1750Hz tone call function.

<Icom mobile transceivers>

• HM-103 HAND MICROPHONE

Same type as that supplied with the IC-706MKIIG.

• HM-118N, HM-118TN/TAN HAND MICROPHONES

Large size, durable microphone. The HM-118TN/TAN has a DTMF keypad with backlighting. Same as supplied with some versions of the IC-2800H, IC-2100H and IC-V8000.

<IC-706MKIIG, IC-2800H, IC-2100H, IC-V8000>

• HM-128/L EARPHONE-MICROPHONES

Ideal for hands-free operation by clipping the Mic. to your lapel or breast pocket.

<Icom handheld transceivers>

• HM-131/L SPEAKER-MICROPHONES

Compact and durable body. Equipped with an earphone jack and a revolving clip.

<Icom handheld transceivers>

• HM-133, HM-133S, HM-133V REMOTE CONTROL MICROPHONES

Full remote control microphone supplied with some versions of the IC-2100H, IC-207H, IC-2800H and IC-V8000.

<HM-133: IC-2800H, IC-207H>

<HM-133S: IC-2100H>

<HM-133V: IC-V8000>

• HS-51, HS-85 HEADSETS

Lightweight headsets equipped with VOX and "one-touch PTT (TOT)" functions for hands-free operation.

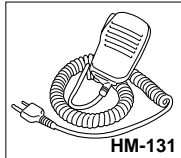
<HS-51: IC-2GXAT/ET, IC-T2H, IC-T3H, IC-V8>

<HS-85: IC-T81A/E, IC-W32A/E, IC-T7H, IC-T22A/E, IC-Q7A/E with OPC-782>

• HS-94 EARHOOK-HEADSET

Flexible boom microphone and rotating earbud with a spring earhook. Allows you hands-free operation. Use with VS-1/L.

<Icom handheld transceivers>



HM-131



HS-51, HS-85



HS-94

L

• LC-125, LC-128, LC-136, LC-137, LC-140, LC-145, LC-146, LC-148 CARRYING CASES

See corresponding compatibility table for details.

M

• IC-MB5 MOBILE MOUNTING BRACKET

Transceiver bracket for mobile operation.

<IC-718, IC-910H>

• MB-17A MOBILE MOUNTING BRACKET

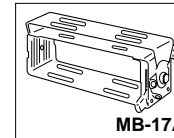
One-touch bracket. Transceiver body is easily attached and removed.

<Icom mobile transceivers>

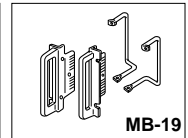
• MB-19 RACK MOUNTING HANDLES

For a 19-in mounting rack.

<IC-775DSP>



MB-17A



MB-19

• MB-23, MB-72 CARRYING HANDLES

Convenient for portable operation.

<MB-23: IC-718, IC-910H>

<MB-72: IC-706MKIIG>

• MB-30 MOBILE MOUNTING BRACKET

Mounts a handheld in a vehicle or on a wall.

<IC-W32A/E, IC-T7H, IC-T22A/E, IC-2GXAT/ET>

• MB-58, MB-63 REMOTE CONTROLLER BRACKETS

Mount remote controllers in a convenient location. Useful when a controller is detached with a separation cable.

<MB-58: IC-207H>

<MB-63: IC-706MKIIG>

• MB-62 MOBILE MOUNTING BRACKET

Transceiver bracket for mobile operation.

<IC-706MKIIG>

• MB-65 MOUNTING BASE

For mounting the detached front panel to a vehicle.

<IC-706MKIIG with MB-63, IC-207H with MB-58, IC-2800H>

• MB-68 BELT CLIP

For attaching the handheld to your belt. The same as supplied with models.

<IC-T2H, IC-T3H, IC-V8>

• MB-73 CONTROLLER BRACKET

Mounts the controller to wall or flat surface. Same type as supplied with the IC-2800H

• MB-74 BELT CLIP

Alligator type. Clips almost anything in a variety of convenient places.

<IC-T2H, IC-T3H, IC-V8>

• MB-87 SWIVEL BELT CLIP

Prevents accidental dropping from your belt.

<IC-T2H, IC-T3H, IC-V8>

Filters

	Center frequency	Passband width	IC-775 DSP	IC-706 MKIIG	IC-718	IC-910H
FL-32A	9.0106MHz	500Hz/-6dB	Built-in			
FL-52A	455kHz	500Hz/-6dB	Built-in		①	
FL-53A		250Hz/-6dB	✓		①	
FL-96		2.8kHz/-6dB	Built-in			
FL-100	9.0106MHz	500Hz/-6dB		④		
FL-101		250Hz/-6dB	✓	④		
FL-102	9.0100MHz	6.0kHz/-6dB	✓			
FL-103	9.0115MHz	2.8kHz/-6dB		④		
FL-132	10.8491MHz	500Hz/-6dB				②
FL-133	10.9491MHz	500Hz/-6dB				③
FL-222	455kHz	1.8kHz/-6dB	✓		①	
FL-223	9.0115MHz	1.9kHz/-6dB	✓	④		
FL-232	9.0106MHz	350Hz/-6dB		④		
FL-257	455kHz	3.3kHz/-6dB			①	

① One of these. ② For MAIN band. : Applicable
 ③ For SUB band. ④ Two of these. : Not applicable

O

• OPC-025A DC POWER CABLE

Same type as supplied with the transceiver. (20A)
<IC-718>

• OPC-025D DC POWER CABLE

Same type as supplied with the transceiver. (30A)
<IC-756PROII, IC-746PRO, IC-7400, IC-706MKIIG, IC-910H>

• OPC-254/L DC POWER CABLES

Allow you to operate your handheld (charging only for the IC-T2H) with 6–16V DC (4–16V DC for the IC-T22A/E); also charges battery packs at 12–16V DC. OPC-254L has a L shape plug.

<OPC-254/L: IC-T81A/E, IC-W32A/E, IC-T7H, IC-T2H, IC-T22A/E>

• OPC-346, OPC-1132 DC POWER CABLES

Supplied with all Icom mobile transceivers. 3.0m (9.8ft), 20A

<OPC-346: IC-2800, IC-207H, IC-2100H>

<OPC-1132: IC-V8000>

• OPC-347 DC POWER CABLE

Compatible with OPC-346 or OPC-1132. Cable length: 7.0m (23.0ft); capacity 20A

<Icom mobile transceivers>

• OPC-420 4-CONDUCTOR SHIELD CABLE

Compatible with the control cable supplied with the AH-4. Cable length: 10m (32.8ft)

<IC-756PROII, IC-746PRO, IC-7400, IC-706MKIIG, IC-718>

• OPC-440, OPC-647

MIC EXTENSION CABLES

Allows longer distance between the main body and microphone.

OPC-440: 5.0m (16.4ft)

OPC-647: 2.5m (8.2ft)

<IC-2800H, IC-207H, IC-V8000>

• OPC-441 SPEAKER EXTENSION CABLE

Allows longer distance between the main body and external speaker. 5.0m (16.4ft)

<IC-2800H, IC-207H, IC-V8000>

• OPC-474 CLONING CABLE

For transceiver-to-transceiver cloning.

<IC-T2H, IC-T3H, IC-T81A/E, IC-V8, IC-W32A/E, IC-V8000, IC-2800H, IC-2100H>

• OPC-478/OPC-646 CLONING CABLES

Connects for cloning between a transceiver and PC.

<OPC-478: IC-2800H with CS-2800, IC-2100H with CS-2100, IC-W32A/E with CS-W32, IC-T81A/E with CS-T81, IC-T7H with CS-T7, IC-T2H with CS-T2, IC-T3H, IC-V8 with CS-V8 and IC-V8000 with CS-V8000>

<OPC-646: IC-207H with CS-207>

• OPC-581, OPC-587 SEPARATION CABLES

Provide separation between the main body of the IC-706MKIIG and the detached front panel. OPC-581: 3.5m (11.5ft), OPC-587: 5.0m (16.4ft)

• OPC-589 MIC ADAPTER CABLE

Allows you to connect a regular 8-pin microphone to the IC-706MKIIG and all Icom mobile transceivers.

• OPC-599 ADAPTER CABLE

Allows you to connect the 13-pin ACC socket on the IC-706MKIIG/IC-718 to 7- and 8-pin ACC sockets on other Icom equipment.

• OPC-600, OPC-601 SEPARATION CABLES

For operation with the front panel detached.

OPC-600: 3.5m (11.5ft)

OPC-601: 7.0m (23.0ft)

<IC-207H>

• OPC-639 DC POWER CABLE WITH NOISE FILTER

Same type as supplied with the IC-706MKIIG Europe version. CE filter is adopted. (20A)

<IC-706MKIIG Europe version>

• OPC-742 ACC 13 PIN CABLE

Requires when connecting IC-706MKIIG and AT-180 with 2m or 70cm linear amplifier.

<IC-706MKIIG>

• OPC-782 PLUG ADAPTER CABLE

Allows you to connect a speaker microphone or headset to the IC-Q7A/E. Converts 4-conductor 3.5 (d) mm (1/8") to 3-conductor 3.5 (d) mm (1/8") and 2.5 (d) mm (1/16").

• OPC-872 CONTROLLER EXTENSION CABLE

Allows longer distance between the main body and controller by attaching to the supplied cable. 3.5m (11.5ft)

<IC-2800H>

P

• IC-PW1 HF+50MHz ALL BAND 1kW LINEAR AMPLIFIER

Covers all HF and 50MHz bands, provides clean, stable 1kW output. Automatic antenna tuner and compact detachable controller are standard. 2 exciter inputs are available. (Not available for EU countries.)

<Icom HF transceivers>

• PS-125 DC POWER SUPPLY

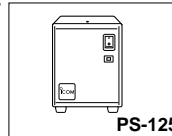
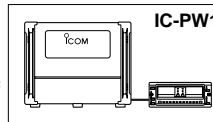
Compact power supply with high current capability.

13.8V DC, 25A max.

<IC-756PROII, IC-746PRO,

IC-7400, IC-706MKIIG,

IC-718, IC-910H>



S

• SM-6 DESKTOP MICROPHONE

Simple desktop microphone.

<Icom HF, mobile (with OPC-589) transceivers>

• SM-20 DESKTOP MICROPHONE

Provides high quality audio to the transceiver. Equipped with low-frequency cut capability.

<Icom HF, all mode, mobile

(with OPC-589) transceivers>

• SP-7 EXTERNAL SPEAKER

Compact external speaker. 8Ω, 5W max.

<Icom HF, all mode, mobile transceivers>

• SP-10 EXTERNAL SPEAKER

Designed for mobile operation. Compact-type. 4Ω, 5W max.

<IC-706MKIIG, Icom mobile transceivers>

• SP-13 EARPHONE

Provides clear receive in noisy environments.

<Icom handheld transceivers>

• SP-20 EXTERNAL SPEAKER

Equipped with 4 selectable audio filters. Style and size are matched with the IC-775DSP. Can be connected to 2 transceivers. 8Ω, 5W max.

<Icom HF except IC-706MKIIG, all mode transceivers>

• SP-21 EXTERNAL SPEAKER

Designed for base station operation. 8Ω, 5W max.

<Icom HF except IC-706MKIIG, all mode transceivers>



U

• UT-86, UT-94 TONE SQUELCH UNITS

Provide pocket beep, tone squelch, programmable tone encoder and tone scan functions.

<UT-86: IC-2GXAT/ET except U.S.A. versions>

<UT-94: IC-T22A/E>

• UT-102 VOICE SYNTHESIZER UNIT

Announces an accessed band's frequency, operating mode and S-meter level.

<IC-756PROII, IC-746PRO, IC-7400, IC-706MKIIG, IC-718, IC-910H>

• UT-106 DSP UNIT

Provides AF DSP capability, such as noise reduction and auto notch functions.

<IC-706MKIIG, IC-718, IC-910H>

• UT-108 DTMF DECODER UNIT

Provides pager and code squelch functions.

<UT-108: IC-T3H, IC-V8, IC-V8000>

• UX-910 1200 MHz BAND UNIT

Provides additional all mode operation on the 1200MHz band.

<IC-910H>

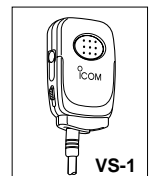
V

• VS-1/L VOX/PTT CASES

Allows you hands-free operation.

Use with HS-94.

<Icom handheld transceivers>



OPTIONS

OPTION COMPATIBILITY TABLES

HF and all mode transceivers

		IC-756PROII	IC-775DSP	IC-746PRO, IC-7400	IC-706MKIIG	IC-718	IC-910H
External DC power supply	PS-125	✓					
External speakers	SP-7	✓	✓	✓	✓	✓	✓
	SP-10				✓		
	SP-20	✓	✓	✓		✓	✓
	SP-21	✓	✓	✓		✓	✓
Linear amplifier	IC-PW1 ⑧	✓	✓	✓	✓	②	
Automatic antenna tuners	AH-4	✓		✓	✓	✓	
	AT-180				✓	✓	
Antennas	AH-2b	✓		✓	✓	✓	
	AH-710	✓		✓	✓	✓	
Weatherproof preamplifiers	AG-25 ⑧						✓
	AG-35 ⑧						✓
	AG-1200 ⑧						⑦
Downlink converter	AG-2400						✓
Hand microphones	HM-12						①
	HM-36	①	✓	①	③	①	
	HM-103				①		
	HM-118TN/TAN				✓		
Desktop microphones	SM-6	✓	✓	✓	③	✓	
	SM-20	✓	✓	✓	③	✓	✓
Mobile mounting brackets	IC-MB5					✓	✓
	MB-62				④		
Remote controller bracket	MB-63				✓		
Mounting base	MB-65				⑤		
Separation cables	OPC-581				✓		
	OPC-587				✓		
Modular 8-pin cable adapter	OPC-589				✓		
ACC 13-pin cable adapter	OPC-599				✓	✓	
Rack mounting handles	MB-19		✓				
Carrying handle	MB-23					⑥	✓
	MB-72				✓		
CI-V system	CT-17	✓	✓	✓	✓	✓	✓
High-stability crystal units	CR-282		✓		✓		
	CR-293						✓
	CR-338	①		✓		✓	
Voice synthesizer unit	UT-102	✓		✓	✓	✓	✓
DSP unit	UT-106				✓	✓	✓
1200 MHz band unit	UX-910						✓

- ① The same type as supplied with the transceiver.
 ② An optional OPC-599 cable is required.
 ③ An optional OPC-589 cable is required.
 ④ Can also be used with the AT-180.
 ⑤ An optional MB-63 is required.
 ⑥ Use screws supplied with the transceiver.
 ⑦ When an optional UX-910 is used.
 ⑧ Not available for EU countries.

: Applicable : Not applicable

Mobile transceivers

		IC-2800H	IC-207H	IC-V8000	IC-2100H
Hand microphones	HM-95	✓	✓	✓	✓
	HM-97	②	✓	✓	②
	HM-118N	②	✓	✓	②
	HM-118TN/TAN	②		✓	②
Remote control microphones	HM-133	②	②		
	HM-133S				②
	HM-133V			①	
Mobile mounting bracket	MB-17A	✓	✓		✓
Separation cables	OPC-600		✓		
	OPC-601		✓		
	OPC-872	✓			
Remote controller bracket	MB-58		✓		
Controller bracket	MB-73	①			
Mounting base	MB-65	✓	③		
DC power cables	OPC-346	①	①		①
	OPC-347	✓	✓	✓	✓
	OPC-1132			①	
External speakers	SP-7	✓	✓	✓	✓
	SP-10	✓	✓	✓	✓
Speaker extension cable	OPC-441	✓	✓	✓	
Mic. extension cables	OPC-440	✓	✓	✓	
	OPC-647	✓	✓	✓	
Modular 8-pin cable adapter	OPC-589	✓	✓	✓	✓
DTMF decoder unit	UT-108			✓	
Cloning cables	OPC-474	✓		✓	✓
	OPC-478	✓		✓	✓
	OPC-646		✓		

- ① The same type as supplied with the transceiver.
 ② One of the hand microphones is supplied depending on version.
 ③ An optional MB-58 is required.

: Applicable : Not applicable

Handheld transceivers

		IC-T81A/E	IC-W32A/E	IC-T7H	IC-Q7A/E	IC-T3H, IC-V8	IC-T2H	IC-T22A/E	IC-2GXAT/ET
Battery packs	BP-157A								✓
	BP-160								②
	BP-171		②	②					②
	BP-172		✓	✓					✓
	BP-173		②	✓					✓
	BP-174								②
	BP-180		②	②					②
	BP-195							✓	
	BP-196							✓	
	BP-198	②							
	BP-199	②							
	BP-200L	②							
	BP-209						✓		
	BP-210						✓		
	BP-222						②		
Battery cases	BP-130A								②
	BP-170		②	②					②
	BP-194						④		
	BP-197	✓							
	BP-208						②		
Flexible antennas	FA-1443B		③	③					
	FA-B2B							①	
	FA-B2C						①		
	FA-B2D								①
	FA-B2E					✓			
	FA-B270C		③	③					
	FA-S270C					①			
FA-S6270A	①								
Antenna connector adapter	AD-92SMA	✓			✓				
Speaker-microphones	HM-46/L	✓	✓	✓	⑤	✓	✓	✓	✓
	HM-54	✓	✓	✓	⑤	✓	✓	✓	✓
	HM-131/L	✓	✓	✓	⑤	✓	✓	✓	✓
Remote control speaker-mic.	HM-75A	✓	✓	✓		✓	✓	✓	
Earphone-microphones	HM-128/L	✓	✓	✓	⑤	✓	✓	✓	✓
Headsets	HS-51					✓	✓	✓	✓
	HS-85	✓	✓	✓	⑤			✓	✓
	HS-94	⑥	⑥	⑥	⑦	⑥	⑥	⑥	⑥
Earphone	SP-13	✓	✓	✓	⑤	✓	✓	✓	✓
Mounting bracket	MB-30		✓	✓		✓	✓	✓	
Belt clips	MB-68					①	①		
	MB-74					✓	✓		
	MB-87					✓	✓		
Tone squelch units	UT-86								✓
	UT-94							✓	
DTMF decoder unit	UT-108					✓			
Battery charger adapter	AD-25								✓
Desktop charger adapters	AD-28								✓
	AD-51		✓						
	AD-56			✓				✓	
	AD-81						✓		
	AD-94	✓							
Cloning cables	OPC-474	✓	✓	✓		✓	✓		
	OPC-478	✓	✓	✓		✓	✓		

Battery chargers and charging times

	BC-110A/D/V	BC-119N	BC-127	BC-133	BC-143	BC-144	BC-146	CP-12/L	OPC-254/L
BP-157A		1hr. ①							
BP-160		1hr. ①							
BP-171	15hrs.	1hr. ②							15hrs.
BP-172	20hrs.	1.5hrs. ②							20hrs.
BP-173	15hrs.	1.5hrs. ②							15hrs.
BP-174		1hr. ①							
BP-180	15hrs.	1hr. ②							15hrs.
BP-195	15hrs.	1.5hrs. ③		10hrs.	1hr.				15hrs.
BP-196	20hrs.	2hrs. ③		15hrs.	1.5hrs.				20hrs.
BP-198	15hrs.	1hr. ④							15hrs.
BP-199	15hrs.	1hr. ④							15hrs.
BP-200L	15hrs.	1hr. ④							15hrs.
BP-209		1.5hr. ⑥				1.5hrs	12hrs.		
BP-210		2hr. ⑥					18.5hrs.		
BP-222		1hr. ⑥				1hr	6.5hrs.		
AA (R6) Ni-Cd			7hrs. ⑤						

- ① AD-28 is required.
 ② AD-51 (IC-W32A/E) or AD-56 (IC-T7H, IC-T22A/E) is required.
 ③ AD-81 is required.
 ④ AD-87 is required.
 ⑤ When charging supplied 2 AA (R6) Ni-Cd cells (700mAh).
 ⑥ AD-94 is required.

Carrying cases

	IC-T81A/E	IC-W32A/E	IC-T7H	IC-Q7A/E	IC-T2H	IC-T22A/E
BP-170		LC-128	LC-136			LC-125
BP-171		LC-128	LC-136			LC-125
BP-172		LC-128	LC-136			LC-125
BP-173		LC-128	LC-137			
BP-180		LC-128	LC-137			
BP-194					LC-145	
BP-195					LC-145	
BP-196					LC-145	
BP-197	LC-148					
BP-198	LC-148					
BP-199	LC-148					
BP-200L	LC-148					
AA (R6) cells				LC-146		

- ① Supplied with the transceiver.
 ② One of these battery packs/cases is supplied with the transceiver.
 ③ One of these antennas is supplied with the transceiver.
 ④ Ni-Cd cells supplied with the transceiver.
 ⑤ An optional OPC-782 is required.
 ⑥ An optional VS-1/L is required.
 ⑦ Optional VS-1/L and OPC-782 are required.

✓ : Applicable □ : Not applicable

SPECIFICATIONS

HF and all mode transceivers

		IC-756PROII	IC-775DSP	IC-746PRO IC-7400
General	Frequency coverage (Differs according to version)	Tx: 1.8, 3.5, 7, 10, 14, 18, 21, 24, 28, 50MHz bands Rx: 30kHz–60.000MHz Specifications guaranteed 0.5–29.999MHz and 50–54MHz.	Tx: 1.8, 3.5, 7, 10, 14, 18, 21, 24, 28MHz bands Rx: 100kHz–29.99MHz	Tx: 1.8, 3.5, 7, 10, 14, 18, 21, 24, 28, 50 and 144MHz bands Rx: 0.03–60MHz and 108–174MHz Specifications guaranteed 0.5–29.995, 50–54MHz and 144MHz band.
	Modes	USB, LSB, CW, RTTY, AM, FM	USB, LSB, CW, RTTY, AM, FM	USB, LSB, CW, RTTY, AM, FM
	Frequency stability	±0.5ppm/hr. (–10°C to +50°C; +14°F to +122°F)	±30Hz/hr. (1hr. after power ON at 25°C; +77°F)	±1ppm/hr. (1hr. after power ON at 25°C; +77°F)
	Max. current drain	23A at 13.8V DC	760VA	23A at 13.8V DC
	Power supply requirement	13.8V DC ±15% (negative ground)	120V type 100–120V AC 230V type 220–240V AC	13.8V DC ±15%
	Antenna connector	SO-239 × 2 + phono [(RCA) 50Ω]	SO-239 (50 Ω) × 2	SO-239 × 3 (2 for HF/50MHz and 1 for 144MHz bands; 50Ω)
	Number of memory channels	101 (99 regular + 2 scan edges)	101 (99 regular + 2 scan edges)	102 (99 regular + 2 scan edges and 1 call)
	Dimensions (W)×(H)×(D) ; proj. not incl.	340×111×285mm; 13 ³ / ₈ ×4 ³ / ₈ ×11 ⁷ / ₃₂ in	424×150×390mm; 16 ¹ / ₁₆ ×5 ²⁹ / ₃₂ ×15 ¹¹ / ₃₂ in	287×120×316.5mm; 11 ⁵ / ₁₆ ×4 ² / ₃₂ ×12 ¹ / ₂ in
Weight	9.6kg; 21lb 1oz	16.7kg; 36lb 13oz	9.0kg; 19lb 13oz	
Transmitter	Output power	SSB, CW, RTTY, FM: 5–100W AM: 5–40W	SSB, CW, RTTY, FM: 5–200W AM: 5–50W	SSB, CW, RTTY, FM: 5–100W AM: 5–40W
	Spurious emissions	Less than –50dB (HF) Less than –60dB (50 MHz)	Less than –60dB	Less than –50dB (HF) Less than –60dB (50/144MHz)
	Carrier suppression	More than 40dB	More than 40dB	More than 40dB
	Unwanted sideband	More than 55dB	More than 55dB	More than 55dB
	Mic. connector	8-pin connector (600Ω)	8-pin connector (600Ω)	8-pin connector (600Ω)
Receiver	Sensitivity Preamp ON SSB, CW, RTTY, AM: For 10dB S/N FM, WFM: For 12dB SINAD	SSB, CW, RTTY: 1.8–30MHz 0.16µV typ. 50–54MHz 0.13µV typ. AM: 0.5–1.8MHz 13µV typ. 1.8–30MHz 2.0µV typ. 50–54MHz 1.0µV typ. FM: 28–30MHz 0.5µV typ. 50–54MHz 0.32µV typ.	SSB, CW, RTTY: 0.1–0.5MHz 2.0µV 1.8–29.99MHz 0.16µV AM: 0.5–1.8MHz 13µV 1.8–29.99MHz 2.0µV FM: 28–29.7MHz 0.5µV	SSB, CW, RTTY: 1.8–29.99MHz 0.16µV typ. 50MHz band 0.13µV typ. 144MHz band 0.11µV typ. AM: 0.5–1.8MHz 13µV typ. 1.8–29.99MHz 2.0µV typ. 50/144MHz bands 1.0µV typ. FM: 28–29.99MHz 0.5µV typ. 50MHz band 0.25µV typ. 144MHz band 0.18µV typ.
	Selectivity	SSB, RTTY: 2.4kHz/–6dB* (BW=2.4kHz) 3.2kHz/–40dB 3.6kHz/–60dB 4.3kHz/–80dB CW: 500Hz/–6dB* (BW=500Hz) 700Hz/–60dB AM: 6.0kHz/–6dB (BW=6kHz) 15kHz/–60dB FM: 12kHz/–6dB (BW=15kHz) 20kHz/–60dB *variable between 50Hz and 3.6kHz	SSB: 2.4kHz/–6dB 4.0kHz/–60dB CW, RTTY: 500Hz/–6dB 1kHz/–60dB AM: 6.0kHz/–6dB 20kHz/–60dB FM: 15kHz/–6dB 30kHz/–60dB (normal filter selection)	SSB: 2.4kHz/–6dB (BW=2.4kHz) 3.2kHz/–40dB 3.6kHz/–60dB 4.3kHz/–80dB CW: 500Hz/–6dB (BW=500Hz) 700Hz/–60dB RTTY: 360Hz/–6dB (BW=350Hz) 650Hz/–60dB AM: 6.0kHz/–6dB (BW=6kHz) 15.0kHz/–60dB FM: 12kHz/–6dB (BW=15kHz) 20kHz/–60dB
	Spurious and image rejection (except IF)	More than 70dB	More than 70dB	More than 70dB (HF, 50MHz bands) More than 60dB (144MHz band)
	AF power at 10% distortion with an 8Ω load	More than 2.0W	More than 2.6W	More than 2.0W
Ext. speaker connector	2-conductor 3.5 (d) mm (1/8")/8Ω	2-conductor 3.5 (d) mm (1/8")/8Ω	2-conductor 3.5 (d) mm (1/8")/8Ω	

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

IC-706MKIIG	IC-718	IC-910H
Tx: 1.8, 3.5, 7, 10, 14, 18, 21, 24, 28, 50, 144, 430(440)MHz bands Rx: 30kHz–200MHz and 400–470MHz Specifications guaranteed 0.5–4, 4.5–8, 9–29.995, 50–54MHz, 144MHz and 430(440)MHz bands.	Tx: 1.8, 3.5, 7, 10, 14, 18, 21, 24, 28MHz bands Rx: 30kHz–29.999MHz Specifications guaranteed 0.5–29.999MHz.	U.S.A. version: Tx: 144–148MHz, Rx: 136–174MHz Tx: 430–450MHz, Rx: 420–480MHz Tx: 1240–1300MHz**, Rx: 1240–1320MHz** Specifications guaranteed 144–148MHz and 430–450MHz. Europe version: T/R: 144–146MHz, 430–440MHz 1240–1300MHz**
USB, LSB, CW, RTTY, AM, FM, WFM (Rx only)	USB, LSB, CW, AM, RTTY	USB, LSB, CW, FM, FM-N (FM-N is not available in 1200MHz band)
±1ppm/hr. (1 hr. after power ON at 25°C; +77°F)	±200Hz/hr. (1 hr. after power ON at 25°C; +77°F)	±3ppm (–10°C to +60°C; +14°F to +140°F)
20A at 13.8V DC	20A at 13.8V DC	23A at 13.8V DC
13.8V DC ±15% (negative ground)	13.8V DC ±15% (negative ground)	13.8V DC ±15% (negative ground)
SO-239 × 2 (for HF/50MHz and 144/430(440)MHz: 50Ω)	SO-239 (50Ω)	144MHz SO-239 (50Ω) 430/1200** MHz Type-N (50Ω)
107 (99 regular + 6 scan edges and 2 calls)	101 (99 regular + 2 scan edges)	328** (99 regular + 6 scan edges and 1 call for each band plus 10 satellite memories)
167×58×200mm 6 ⁹ / ₁₆ ×2 ⁹ / ₃₂ ×7 ⁷ / ₁₆ in	240×95×239mm 9 ⁷ / ₁₆ ×3 ³ / ₄ ×9 ¹ / ₃₂ in	241×94×239mm; 9 ¹ / ₂ ×3 ¹ / ₁₆ ×9 ¹ / ₃₂ in
2.45kg; 5lb 6oz	3.8kg; 8lb 6oz	4.5kg; 9lb 14oz (Not includes UX-910)
SSB, CW, RTTY, FM: 1.8–50MHz 5–100W 144MHz 5–50W 430(440) MHz 2–20W AM: 1.8–50MHz 2–40W 144MHz 2–20W 430(440) MHz 2–8W	SSB, CW, RTTY: 2–100W AM: 2–40W	144MHz 5–100W 430MHz 5–75W 1200MHz** 1–10W
–50dB typical (HF) Less than –60dB (other bands)	Less than –50dB	Less than –60dB (144/430MHz) Less than –50dB (1200MHz**)
More than 40dB	More than 40dB	More than 40dB
More than 50dB	More than 50dB	More than 40dB
8-pin modular (600Ω)	8-pin connector (600Ω)	8-pin connector (600Ω)
SSB, CW: 1.8–30MHz 0.15μV 50MHz 0.12μV 144/430(440) MHz 0.11μV AM: 0.5–1.8MHz 13μV 1.8–30MHz 2.0μV 50MHz 1.0μV 144/430(440) MHz 1.0μV FM: 28–30MHz 0.5μV 50MHz 0.25μV 144/430(440) MHz 0.18μV WFM: 76–108MHz 10μV	SSB, CW, RTTY: 1.8–29.999MHz 0.16μV AM: 0.5–1.799MHz 13μV 1.8–29.999MHz 2.0μV	SSB, CW: 0.11μV FM: 0.18μV
SSB, CW, RTTY: 2.4kHz/–6dB 4.8kHz/–60dB AM, FM-N: 8.0kHz/–6dB 30kHz/–36dB FM: 12kHz/–6dB 30kHz/–50dB	SSB, CW, RTTY: 2.1kHz/–6dB 4.5kHz/–60dB AM: 6.0kHz/–6dB 20kHz/–40dB	SSB, CW: 2.3kHz/–6dB 4.2kHz/–60dB FM: 15kHz/–6dB 30kHz/–60dB FM-N: 6.0kHz/–6dB 18kHz/–60dB
More than 70dB (HF) More than 60dB (other bands; except IF through on 50MHz band)	More than 70dB	More than 60dB (144/430MHz band) More than 50dB (1200MHz band**)
More than 2.0W	More than 2.0W	More than 2.0W
2-conductor 3.5 (d) mm (1/8")/8Ω	2-conductor 3.5 (d) mm (1/8")/8Ω	2-conductor 3.5 (d) mm (1/8")/8Ω × 2 (for Main and Sub bands)

** An optional UX-910 1200MHz BAND UNIT is required for 1200MHz operation.

SPECIFICATIONS

Mobile transceivers

	IC-2800H	IC-207H	IC-V8000	IC-2100H
Frequency coverage (Differs according to version)	U.S.A. version: Tx 144-148MHz Rx 118-174MHz*1 T/R 430-450MHz*2 *Spec. guaranteed 144-148MHz **Spec. guaranteed 440-450MHz Europe version: T/R 144-146MHz T/R 430-440MHz	U.S.A. version: Tx 144-148MHz Rx 118-174MHz* T/R 440-450MHz *Spec. guaranteed 144-148MHz Europe version: T/R 144-146MHz T/R 430-440MHz	Tx 144-148MHz Rx 136-174MHz* T/R 440-450MHz *Spec. guaranteed 144-148MHz	U.S.A. version: Tx 144-148MHz Rx 136-174MHz* *Spec. guaranteed 144-148MHz Europe version: T/R 144-146MHz
Max. current drain	12A	12A	15A	12A
Dimensions (W)×(H)×(D) Proj. not included	Main unit: 140×40×165.8mm 5½×1½×6½ ¹⁷ / ₃₂ in Controller: 140×70×34mm 5½×2¾×1½ ¹⁷ / ₃₂ in	140×40×185.4mm 5½×1½×7½ ¹⁷ / ₃₂ in	150×50×150mm 5 ²⁹ / ₃₂ ×1 ³¹ / ₃₂ ×5 ²⁹ / ₃₂ in	140×40×180mm 5½×1½×7½ ¹⁷ / ₃₂ in
Weight	1.15kg; 2lb 9oz (Main unit) 290g; 10.2oz (Controller)	1.17kg; 2lb 9oz	1.09kg; 2.2lb	1.2kg; 2lb 10oz
Output power at 13.8V DC	144MHz High: 50W Mid.-Hi: 20W Mid.-L: 10W Low: 5W 430(440)MHz High: 35W Mid.-Hi: 20W Mid.-L: 10W Low: 5W	144MHz High: 50W Mid.-Hi: 20W Mid.-Lo: 10W Low: 5W 430(440)MHz High: 35W Mid.-Hi: 20W Mid.-Lo: 10W Low: 5W	High: 75W Mid-Hi: 25W Mid-Lo: 10W Low: 5W	High: 55W Mid.: 10W Low: 5W
Sensitivity for 12dB SINAD	0.16µV typ.	0.16µV typ.	0.15µV typ.	0.16µV typ.

Handheld transceivers

	IC-T81A/E	IC-W32A/E	IC-T7H	IC-Q7A/E	IC-T3H IC-V8	IC-T2H	IC-T22A/E	IC-2GXAT/ET
Frequency coverage (Differs according to version, Unit: MHz)	U.S.A. version: T/R 50-53.995 Tx 144-148 Rx 118-173.995*1 Tx 430-450*2 Rx 400-469.995*2 T/R 1240-1300 Europe version: T/R 50-52 T/R 144-146 T/R 430-440 T/R 1240-1300	U.S.A. version: Tx 144-148 Rx 118-174*1 Tx 440-450 Rx 400-470*2 Europe version: T/R 144-146 T/R 430-440	U.S.A. version: Tx 144-148 Rx 118-174*1 Tx 430-450*2 Rx 400-470*2 Europe version: T/R 144-146 T/R 430-440	U.S.A. version: Tx 144-148 Rx 118-174*1 Rx 30-823.995 849-868.995 894-1309.995 Europe version: Tx 144-146 430-440 Rx 30-1309.995*4	IC-V8 (U.S.A.): Tx 144-148 Rx 136-174*1 IC-T3H (Europe): T/R 144-146	U.S.A. version: Tx 144-148 Rx 136-174*1 Europe version: T/R 144-146	U.S.A. version: Tx 144-148 Rx 136-174*1 Europe version: T/R 144-146	U.S.A. version: Tx 144-148 Rx 136-174*1 Europe version: T/R 144-146
Dimensions (W)×(H)×(D) Proj. not included	58×106×28.5mm 2½×4¼×1½ ¹⁷ / ₃₂ in	57×137×33mm 2¼×5½×1½ ¹⁷ / ₃₂ in with BP-173/180	57×122×29mm 2¼×4¼×1½ ¹⁷ / ₃₂ in with BP-173/180	58×86×27mm 2½×3¾×1½ ¹⁷ / ₃₂ in	54×132×35mm 2¼×5½×1½ ¹⁷ / ₃₂ in	58×140.5×32.3mm 2½×5½×1½ ¹⁷ / ₃₂ in	57×110×27mm 2¼×4¼×1½ ¹⁷ / ₃₂ in	57×125×35mm 2¼×4¼×1½ ¹⁷ / ₃₂ in with BP-160
Weight	270g; 9.5oz with ant. and BP-199	450g; 1lb with ant. and BP-173	320g; 11.3oz with antenna and BP-180	170g; 6oz with ant. and alkaline cells	350g; 12.3oz with ant. and BP-222	420g; 14.8oz	310g; 10.9oz	365g; 12.9oz with BP-160
Output power typical values, at 13.5V DC	5W, 0.5W (1.0W and 0.1W for 1200 MHz)	5W, 0.5W	6.0W, 0.5W	At 3.0V 144MHz: 350mW 430(440) MHz: 300mW	At 7.2V 5.5W, 0.5W	At 9.6V 6.0W, 1.0W	At 13.5 or 9.6V 5W, 0.5W At 7.2V 3.5W, 0.5W	7W, 1W
Sensitivity for 12dB SINAD	Less than 0.18µV (50, 144, 430MHz band) Less than 0.25µV (1200MHz band)	Less than 0.16µV (Less than 0.32µV for V/V and U/U)	Less than 0.18µV	0.16µV typ. (VHF) 0.18µV typ. (UHF)	0.16µV typ.	0.14µV typ.	Less than 0.16µV	Less than 0.18µV

*Guaranteed 144-148MHz.

**Guaranteed 440-450MHz.

**Guaranteed 30-823.995, 849-868.995, 894-1300MHz.

**Guaranteed 30-1300MHz.



Applicable U.S. Military Specifications

Icom makes rugged products that meet MIL-STD requirements and strict environmental standards for shock (MIL-810C, D and E) and vibration (MIL-810C, D and E).

The LCD display of the IC-756PROII and IC-2800H may have cosmetic imperfections that appear as small or dark spots. This is not a malfunction or defect, but a normal characteristic of LCD displays.

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

MOBILE

TRANSCEIVERS



DUAL BAND FM TRANSCEIVER

IC-2800H

- ★ 3-inch multi-function TFT color LCD adopted
- ★ 4 selectable operating screens available
- ★ Simple bandscope function

• External video input terminal • Independent tuning controls • Switch labels displayed on LCD • Built-in tone squelch, pocket beep and tone scan • Total 232 memory channels with memory name capability • 9600bps packet terminal • Crossband full duplex capability • Optional wireless remote control capability • Optional PC and transceiver to transceiver clonings • FM narrow switchable capability (Europe and Italy versions only)



VHF/UHF FM TRANSCEIVER

IC-207H

- ★ Band select type 144 and 430(440)MHz dual bander
- ★ Compact, detachable front panel with optional separation cable
- ★ Built-in tone squelch function

• 9600bps packet terminal • Large, easy-to-read LCD • Switch labels displayed on LCD • Total 182 memory channels • Ultra high speed scans • 4 selectable RF output powers • Pocket beep and tone scan functions • RF attenuator • Optional wireless remote microphone



144MHz FM TRANSCEIVER

IC-V8000

- ★ 75W of ultimate power with cooling fan
- ★ Remote control microphone, HM-133V
- ★ Total 200 memory channels with 10 memory banks

• Front mounted speaker • Rugged construction • Amber and green illumination • Built-in CTCSS and DTCS • pocket beep and tone scan • Weather alert scan* • FM narrow switchable capability* • Standard DTMF encoder • Optional DTMF decoder • Optional PC cloning and transceiver to transceiver cloning capabilities • 10dB squelch attenuator (* U.S.A. version only)



144MHz FM TRANSCEIVER

IC-2100H

- ★ 55W stable output power
- ★ Superior receiver IMD characteristics with squelch attenuator
- ★ Total 113 memory channels with alphanumeric character names

• Commercial grade durable, rugged construction • Large, easy-to-read LCD • Switch labels displayed on LCD • Dual illumination • Built-in tone squelch, pocket beep and tone scan • Optional wired/wireless remote control capability • FM narrow switchable capability* • Optional PC cloning and transceiver to transceiver cloning capabilities *Europe and Italy versions only

HANDHELD

TRANSCEIVERS

MULTIBAND FM TRANSCEIVERS

IC-T81A IC-T81E



- ★ Amazingly compact 4-bander
- ★ Covers 50MHz, 144MHz, 430(440) MHz and 1.2GHz bands
- ★ Water-resistant construction

- Ample 5W* of transmit power
- Multi-function joy-stick switch
- Built-in tone squelch with tone scan and pocket beep
- Guide function
- DTMF encoder with 9 DTMF memories
- Wide FM and AM receive
- Optional mic. simple operation
- Optional PC cloning and transceiver to transceiver cloning

*with 13.5V DC; 1W only for 1.2GHz

DUAL BAND FM TRANSCEIVERS

IC-W32A IC-W32E



- ★ Slim, 144, 430(440) MHz dual bander
- ★ Independent band controls with V/U exchange function
- ★ Alphanumeric memory names

- Simultaneous, V/V or U/U receive capability
- 200 channel memory capacity
- MOS-FET power module
- New guide function
- Tone squelch standard
- LCD and key backlighting
- Crossband full duplex capability
- Handheld-to-handheld cloning capability
- Auto power OFF function
- Channel indication
- Optional microphone simple operation

VHF/UHF FM TRANSCEIVER

IC-T7H



- ★ 6W of powerful output for both 144 and 430(440) MHz bands (typical; with 13.5V DC)
- ★ MIL spec. durable construction
- ★ Built-in tone squelch with tone scan and pocket beep functions

- Large, easy-to-push PTT switch
- Optional mic. simple remote control
- Thumb-touch lock switch
- Channel indication
- 9 DTMF memories with up to 16 digits each
- Optional cloning software for easy memory programming

VHF/UHF TRANSCEIVERS

IC-Q7A IC-Q7E



- ★ Built-in wide band receiver covers 30 to 1300MHz
- ★ Ultra compact body with drip-resistant construction
- ★ 2 AA (R6) cells economical operation

- 350/300mW (VHF/UHF; typ. at 3.0 V DC) economical transmit output power
- Tone squelch with tone scan
- Large, 36 (d) mm speaker emits crisp clear audio
- Simplified operation
- RIT
- LCD backlit with timer
- 200 memory channels
- Digital squelch system
- 50 tone frequencies
- Additional WFM and AM receive modes

HANDHELD

TRANSCEIVERS



144MHz FM TRANSCEIVERS

IC-T3H IC-V8

- ★ **5.5W of powerful output power**
(typical; with battery packs)
- ★ **Tough construction**
- ★ **Easy to access functions**

- Built-in CTCSS and DTCS tone with pocket beep and tone scan functions
- 100 memory channels
- DTMF encoder with 5 memory channels
- Optional DTMF decoder
- Reversible up/down buttons and rotary selector
- Optional PC programming capability
- Optional headset, HS-94 + VS-1L for hands-free operation



144MHz FM TRANSCEIVER

IC-T2H

- ★ **6W of powerful output power**
(typical; with 9.6V DC)
- ★ **Commercial grade durable construction**
- ★ **Easy operation with customizable keys**

- Built-in tone squelch with pocket beep and tone scan functions
- 40 memory channels
- DTMF encoder with 5 memory channels
- Handheld-to-handheld cloning capability
- 2-step power saver
- Optional computer programming capability
- Optional mic. simple remote control function



144MHz FM TRANSCEIVERS

IC-T22A IC-T22E

- ★ **Ultra compact size**
- ★ **Alphanumeric memory channels**
- ★ **Alphanumeric message pager**

- Optional microphone simple remote control function
- MOS-FET power module
- Log memory and repeater memory
- 50 frequency CTCSS tone encoder (optional for Europe and Italy versions)
- 5 DTMF memories with up to 30 digits each
- Numerous scan functions



144MHz FM TRANSCEIVERS

IC-2GXAT IC-2GXET

- ★ **7W of powerful output power**
(with 13.5V DC)
- ★ **DTMF redial function**
- ★ **Durable construction**

- 40 non-volatile memory channels
- Channel indication mode
- Display lighting with 5 sec. timer
- Programmed scan and memory scan with skip function
- Tone encoder, tone scan pocket beep and tone squelch
- 5 DTMF memories
- Optional pager and code squelch function



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