



Long distance communication made simple.

Simplified operation

The IC-M700PRO is easy to use whether you are new to SSB or an expert. Channel selection is quick and easy to access with large, independent GROUP and CHANNEL knobs. Each panel button has only 1 function. The large, easy to read display shows channel (or frequency) and operating status at a glance. A new green LCD is easy to see in sunlight, but not too bright for night operations.

Powerful output extends your communications reach

The powerful 150 W* (PEP) transmitter provides long distance communication you can rely on. To make sure that power is always available to you—even during demanding RTTY (radio teletype) or E-mail operation—a large cooling fan combined with the IC-M700PRO's aluminum chassis keep the radio cool.

*60 W (PEP) above the 24 MHz bands.

Scanning functions

Locate desired signals quickly with a powerful memory scan feature.

And more...

- Automatic antenna tuner; the AT-130, is available to match the transceiver to your antenna
- Numerous operating modes* available: USB, AM, CW, FSK and AFSK

*Ask your dealer for details.

- Wide band, general coverage receive—0.5 to 29.9999 MHz
- Channel/frequency knob allows the user to tune specific frequencies around the memory channel
- RS-232C plus 2 DIN connectors are available for external equipment connection, such as a linear amplifier, FSK terminal, E-mail modem, etc.
- Optional 2-tone alarm function (UT-95 2-TONE ALARM UNIT required) provides simple transmission of emergency signals
- NMEA0813 interface included

SPECIFICATIONS

GENERAL

- Frequency coverage :

Receive	0.5 kHz–29.999 MHz		
Transmit	1.6– 2.9999 MHz	4.0– 4.9999 MHz	
	6.0– 6.9999 MHz	8.0– 8.9999 MHz	
	12.0–13.9999 MHz	16.0– 17.9999 MHz	
	18.0–19.9999 MHz	22.0– 22.9999 MHz	
	25.0–27.50000 MHz		
- Mode : USB, AM, CW, FSK and AFSK
- Antenna connector : SO-239 (50 Ω)
- Power supply requirement : 13.6 V DC ±15%
- Current drain (at 13.8 V DC) : Tx max. power 30 A
Rx max. audio 2.5 A
- Usable temperature range : –30°C to +60°C; –22°F to +140°F
(Guaranteed range: –20°C to +60°C; –4°F to +140°F)
- Frequency stability : ±10 Hz (0.5–14.9999 MHz)
±20 Hz (15–29.9999 MHz)
- Dimensions (projections not included) : 291.4(W)×116.4(H)×315(D) mm
11¹³/₃₂(W)×4¹⁹/₃₂(H)×12¹³/₃₂(D) in
- Weight : 7.9 kg; 17 lb 7 oz
- Remote connector : RS-232C D-sub 9-pin (female)
- ACC 1 connector : DIN 8-pin (female)
- ACC 2 connector : DIN 7-pin (female)

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

OPTIONS

AT-130 HF AUTOMATIC ANTENNA TUNER



Matches the transceiver to a long wire antenna with little insertion loss.

MN-100 ANTENNA MATCHER



Matches the transceiver to a dipole antenna. Covers all HF bands from 1.5 to 30 MHz. 8 m × 2 antenna wires come attached.

MN-100L ANTENNA MATCHER



Match the transceiver to a long wire antenna. Covers all HF bands from 1.5 to 30 MHz. 15 m × 1 antenna wire comes attached.

HS-50 HANDSET



Provides clear audio reception and comes in handy for listening privacy.

PS-60 DC POWER SUPPLY



Provides 13.6 V DC (30 A) output from an AC outlet.

PS-66 DC-DC CONVERTER



Provides 13.6 V DC (30 A) output from 19–32 V DC.

FL-100 CW/FSK NARROW FILTER (500 Hz/–6 dB)



Have good shape factor to provide better CW/RTTY reception.

UT-95 2-TONE ALARM UNIT



Provides the alarm function. Already built in to the Marine version.

TRANSMITTER

- Output power : 150 W PEP (below 24 MHz)
60 W PEP (above 24 MHz)
- Spurious emissions : –75 dB typical
- Unwanted sideband suppression : 70 dB typical
- Carrier suppression : 65 dB typical
- Microphone connector : 8-pin connector (600 Ω)

RECEIVER

- Sensitivity :

USB, CW, FSK, AFSK (for 12 dB SINAD)	6.3 μV (0.5–1.5999 MHz) 1 μV (1.6–1.7999 MHz) 0.35 μV typical (1.8–29.9999 MHz)
AM (for 10 dB S/N)	32 μV (0.5–1.5999 MHz) 6.3 μV (1.6–1.7999 MHz) 2.2 μV typical (1.8–29.9999 MHz)
- Spurious response rejection ratio : 80 dB typical (1.6–29.9999 MHz)
- Audio output power (at 13.8 V DC) : 5.0 W typical at 10% distortion with a 4 Ω load
- Clarity variable range : ±150 Hz
- External speaker jack : 2-conductor 6.5 (d) mm (1/4")/4–8 Ω

Supplied accessories:

- Hand microphone
- DC power cable
- ACC plugs
- Mounting bracket kit
- Microphone hanger
- Speaker plug
- Spare fuses

Icom Inc. 6-9-16, Kamihigashi, Hirano-ku, Osaka 547, Japan Phone: 06 793 5302 Fax: 06 793 0013

Count on us!

Icom America Inc.

<Corporate Headquarters>
2380 116th Avenue N.E., Bellevue, WA 98004, U.S.A.
Phone: (425) 454-8155 Fax: (425) 454-1509
Telex: 152210 ICOM AMER BVUE

<Customer Service>
Phone: (425) 454-7619

Icom Canada

A Division of Icom America Inc.
3071 #5 Road, Unit 9, Richmond, B.C., V6X 2T4, Canada
Phone: (604) 273-7400 Fax: (604) 273-1900

Icom (Australia) Pty. Ltd.

A.C.N. 006 092 575
290-294 Albert Street, Brunswick, Victoria, 3056, Australia
Phone: 03 9387 0666 Fax: 03 9387 0022

Icom (Europe) GmbH

Communication Equipment
Himmelgeister Str. 100, D-40225 Düsseldorf, Germany
Phone: 0211 346047 Fax: 0211 333639

Icom Telecomunicaciones s.l.

"Edificio Can Castanyer" Crta. Gracia a Manresa km. 14,750
08190 Sant Cugat Del Valles Barcelona, SPAIN
Phone: (3) 589 46 82 Fax: (3) 589 04 46

Icom (UK) Ltd.

Unit 9, Sea St., Herne Bay, Kent, CT6 8LD, U.K.
Phone: 01227 741741 Fax: 01227 741742
Telex: 317210 BUREAU G

Icom France S.a

Zac de la Plaine, Rue Brindejont des Moulinais
BP 5804, 31505 Toulouse Cedex, France
Phone: 561 36 03 03 Fax: 561 36 03 00
Telex: 521515 ICOM FRA

Your local distributor/dealer: