



TCC

SECURITY ENGINEERING
Think Wise Move Tactical

ICOM®
MADE IN JAPAN 🇯🇵

IC-M804

LONG RANGE COMMUNICATIONS BEYOND THE HORIZON

PROFESSIONAL MF/HF MARINE TRANSCEIVER

Reliable communication when you need it most.
Global coverage. Superior clarity.
Built for the open sea.



GLOBAL MF/HF COMMUNICATION

Stay connected beyond VHF range with reliable long-range performance.



DEDICATED DISTRESS BUTTON

Send distress alerts with GNSS coordinates at the push of a button.



INTEGRATED GNSS RECEIVER

Built-in GPS, GLONASS and SBAS for accurate position data.



4.3" COLOR TFT DISPLAY

High visibility color screen with Day/Night mode for all conditions.



INSTANT REPLAY MEMORY

Replay the last 2 minutes of received audio instantly.



125W PEP RF OUTPUT

Powerful transmission for global maritime communication.



MF/HF
COVERAGE



IPX7
CONTROLLER
PROTECTION



4W
LOUD AUDIO



12V / 24V
DC OPERATION



MARINE
BUILT



DSC CLASS E
COMPLIANT



AUTHORIZED ICOM DISTRIBUTOR IN EGYPT



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ICOM®

MADE IN JAPAN

BUILT FOR PROFESSIONAL MARITIME OPERATIONS



COMMERCIAL SHIPPING



OFFSHORE PLATFORMS



COAST GUARD



MARINE RESCUE



CARGO VESSELS



LONG RANGE NAVIGATION

KEY FEATURES

- ✓ DSC Class E Compliant System
- ✓ Dedicated DSC Watch Receiver
- ✓ 100 MMSI Contact Memory
- ✓ Built-in GNSS Receiver (GPS/GLONASS/SBAS)
- ✓ NMEA 2000™ Connectivity
- ✓ NMEA 0183 / -HS Support
- ✓ 4.3-inch Color TFT Display
- ✓ Instant Replay Function (Last 2 Minutes)
- ✓ AT-141 Automatic Antenna Tuner Support
- ✓ Advanced RF Direct Sampling System
- ✓ 12V / 24V DC Operation
- ✓ IPX7 Remote Controller Protection



TECHNICAL SPECIFICATIONS

GENERAL	IC-M804
Receive Coverage	500 kHz - 29.999 MHz
Transmit Coverage	Marine MF/HF Bands
Channels	1600 (DSC: 100 MMSI Contacts)
DSC Standards	ITU-R M.493-14, Class E
Antenna Impedance	50 Ω
Power Supply	12 V / 24 V DC ±15%
Current Drain	
Tx (Max.)	22 A (125 W PEP)
Rx (Audio Max.)	2.0 A
Operating Temperature	-15°C to +55°C (+5°F to +131°F)
Dimensions (W x H x D)	245 x 101 x 220 mm (9.6 x 4.0 x 8.7 in)
Weight (Approx.)	2.9 kg (6.4 lb)

TRANSMITTER	IC-M804
RF Output Power	125W PEP (SSB/CW)
Spurious Emissions	70 dB min.
Modulation	J3E (SSB), A3E (AM), F1B (CW)
Frequency Stability	±1.0 ppm
Audio Harmonic Distortion	Less than 10%
Microphone Impedance	600 Ω

RECEIVER	IC-M804
Sensitivity (SSB, 10 dB S/N)	0.5 μV typ.
Selectivity (SSB)	More than 2.4 kHz / -6 dB
Image Rejection	80 dB min.
IF Rejection	80 dB min.
Audio Output Power	4 W (8 Ω, 10% Distortion)
Audio Output Impedance	8 Ω

OTHER FUNCTIONS
Dual / Tri Watch
Favorite Channel
Auto Scan
AquaQuake™ Water Draining Function
Instant Replay (Last 2 Minutes)
Voice Recording (External USB Memory)
Channel History
Noise Canceller
RF Power Monitor
Night Mode Display
Firmware Update via USB

SUPPLIED ACCESSORIES (May differ depending on the version)



OPTIONAL ACCESSORIES



LET'S STAY CONNECTED

Scan the QR code to visit our website and discover more solutions.



JAPANESE QUALITY
Engineered and manufactured in Japan



RELIABLE PERFORMANCE
Durable, stable and built for marine environments



PROFESSIONAL SUPPORT
Technical support and after-sales service



TRUSTED PARTNER
TCC is your partner in marine communication