

Transceptor “Black Box”, cuando el espacio es un bune escaso

Specifications

General	
Frequency Range	
Tx	156.025–157.425MHz
Rx	156.050–163.275MHz
Ch. 70	156.525MHz
Usable channel groups	INT, USA, CAN and WX channels
Type of emission	16K0G3E (FM), 16K0G2B (DSC)
Power supply requirement	13.8V DC nominal (11.7–15.9V DC)
Current drain (at 7.4V DC)	
Tx (at 25W output)	5.5A Max.
Rx (Max. audio)	3.5A Max.
Operating temperature range	–20°C to +60°C; –4°F to +140°F
Antenna Impedance	50Ω (SO-239)
Dimensions (W×H×D)	
IC-M400BB	216×79×125mm; 8.5×3.11×4.92 in
HM-195B/SW	67.5×144.5×37mm; 2.66×5.69×1.46 in
Weight (approx.)	
IC-M400BB	830g; 1.83 lb
HM-195B/SW	400g; 14.1 oz
NMEA in/out formats	RMC, GGA, GNS, GLL, DSC, DSE

Transmitter	
Output power (Hi/Low)	25W, 1W (High, low)
Max. frequency deviation	± 5.0 kHz
Frequency tolerance	±10ppm
Spurious emissions	Less than –70dBc (at 25W)

Receiver	
Sensitivity	
Main	0.22μV typical (at 12dB SINAD)
Ch. 70	–5dBμ emf typ. (1% BER)
Squelch sensitivity	Less than 0.32μV
Adjacent Channel Selectivity	
Main	More than 70dB
Ch. 70	More than 73dBμ emf (1% BER)
Spurious response	
Main	More than 70dB
Ch. 70	More than 73dBμ emf (1% BER)
Intermodulation	
Main	More than 70dB
Ch. 70	More than 68dBμ emf (1% BER)
Hum and noise ratio	More than 40dB
Audio output power	
	More than 2W (HM-195B/SW)
Internal speaker	More than 10W (RX Speaker)
External speaker	

Measurements made in accordance with TIA/EIA 603 and IEC 62238 (Ch. 70 receiver specifications).

Applicable IP Rating

Ingress Protection Standard (IC-M400BB and HM-195B/SW)	
Water	IPX7 (Waterproof protection)

Supplied Accessories

- COMMANDMIC, HM-195B/SW*
- DC power cable
- COMMANDMIC, HM-195B/SW may be sold separately, depending on version.

Product Diagrams

