

Prepared from several ICOM sources. There are inconsistencies and my mistakes.

	IC-M700PRO	IC-M710	
Frequency Coverage			
Receive	500 kHz-29.999 MHz	500 kHz-29.999 MHz	
	1.6 - 2.9999 MHz	All Marine and Ham Bands 1.6	
Transmit		- 27.5 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		
Modes	AM		ITU Modes
	AFSK	AFSK (J2B)	A1A CW
	CW	CW (A1A)	F1B FSK
	FSK	FSK (F1B)	H3E ?
	USB	USB (J3E)	J2B AFSK
		H3E	J3B USB
		R3E	R3E ?
Number of Channels		1136 (160U, 242S, 72D, 662F)	
Antenna Impedance		50 Ohms	
Antenna Connector	SO-239 (50)		
Temperature Range			
Usable	-30 to +60°C (-22 to +140°F)	-30 to +60°C (-22 to +140°F)	
Guaranteed	-20 to +60°C (-4 to +140°F)		
Frequency Stability:			
0.5 - 14.9999 Mhz	+/-10 Hz	+/-10 Hz (-22 to +140°F)	
15 - 29.9999 Mhz	+/-20Hz	+/-20Hz	
Power Supply Requirement	13.6 V DC +/-15%	13.6 V DC +/-15%	
Current Drain (at 13.8 V DC)			
Transmit (max. output 30 A power)		30 A	
Receive (max. audio output)			
Negative Ground	2.5 A	2.5 A	
Floating Ground		3 A	

Prepared from several ICOM sources. There are inconsistencies and my mistakes.

Dimensions

Width in(mm)	11-15/32 ((291.4)	11.3 (291.4)
Height in(mm)	4-19/32 (116.4)	4.4 (116.4)
Depth in(mm)	12-13/32 (315)	12.8 (315)
Weight lb(kg)	17.5 (7.9)	
Negative Ground		17.4 (7.9)
Floating Ground		17.9 (8.1)
Remote Connector	D-sub-9 Female (RS-232)	
ACC 1 Connector	DIN 8-pin female	
ACC 2 Connector	DIN 7-pin female	

Transmitter

Output Power W PEP	150 (below 24 MHz) 60 (above 24 MHz)	150, 60, 20 (below 24 MHz) 20, 60 W (above 24 MHz)
Spurious Emissions	-75 dB typical	-65 dB typical
Carrier Suppression	65 dB typical	40 dB typical
Unwanted Sideband Suppression	70 dB typical	50 dB typical

Microphone Connector 8-pin connector (600 ohm)

Microphone Impedance 600Ω

Receiver

Sensitivity (μV) 10 dB
S/N above 1.8 Mhz

A1A, F1B, J2B, J3E, R3E	A1A, F1B, J2B, J3E, R3E	0.5	0.5
H3E	H3E	3.2	3.2

Selectivity (A1A, J2B,
J3E, R3E)

2.4 kHz	-6 dB	-6 dB
4.2 kHz	-60 db	-60 dB
Spurious Rejection	80 dB (1.6-29.9999 MHz)	70 dB (1.6-29.9999 MHz)

Audio Output Power
V

Prepared from several ICOM sources. There are inconsistencies and my mistakes.

W		5	4.5
Distortion(%)		10	10
Load Ω		4	4
Clarity Variable Range	+/-150 Hz	+/-150 Hz	
External Speaker Jack	2-conductor 1/4" (6.5mm) ohms	4 - 8	