

YAESU FT-790 R



SPECIFICATIONS

GENERAL

Type:	Amateur UHF transceiver
Frequency range:	430-440 MHz (all versions)
Tuning steps:	FM: 10 / 100 KHz or 25 / 100 KHz (depending on market) SSB: 100 Hz / 1 KHz (all versions)
Mode:	FM / SSB / CW
Channels/memory management:	10 regular Lithium battery backup
Repeater shift/offset:	±1.6, 5 or 7.6 MHz (Depending on market)
Power supply:	9.6-12 VDC (8*R14/C batteries) or 8-15 VDC external
Current drain/power consumption:	RX: Max 100 mA TX: Max 750 mA
Antenna impedance/connector:	50 ohm / BNC
Dimensions (W*H*D):	150*58*195 mm (5.91*2.28*7.68")
Weight:	1.3 Kg (2.87 lb), without batteries
Other features:	NB.

RECEIVER SECTION

Receiver system:	Double conversion superheterodyne (SSB/CW) 1st IF: 67.3 MHz 2nd IF: 10.7 MHz Triple conversion superheterodyne (FM) 1st IF: 67.3 MHz 2nd IF: 10.7 MHz 3rd IF: 455 KHz
Sensitivity:	FM: 0.25 uV (12 dB SINAD) SSB/CW: 0.16 uV (10 dB S/N)
Selectivity:	FM: 12 KHz (-6 dB), 25 KHz (-60 dB) SSB/CW: 2.4 KHz (-6 dB), 4.1 KHz (-60 dB)
Image rejection:	60 dB
AF output power/speaker:	1 W at 10% distortion / 8 ohm
External speaker connector:	3.5 mm, 8 ohm

TRANSMITTER SECTION

RF output power:	Hi: 1 W Lo: 200 mW
Modulation system:	
FM deviation:	±5 KHz
Spurious emissions:	Less than -50 dB
Microphone impedance/connector:	600 ohm / 7-pin (Metal locking ring connector)

MISCELLANEOUS

Manufactured:	Japan, 198x-198x (Discontinued)
Additional info:	
Related documents:	
Modifications:	
Options/Accessories:	YM-49 Dynamic hand microphone YM-50 Hand microphone with DTMF pad