

XCR-30 MK II

Manufacturer	Barlow Television Co.
Type of receiver	portable
Type of circuit	Wadley-Loop; Triple superhet
Frequency coverage	0.5 - 30 MHz
Reading accuracy	± 5 kHz
Absolute accuracy	adjustable
Frequency stability	± 3 kHz
Remarks	Valuable oldtimer with unique style. Can be modified to yield excellent performance.

RF-section	at bandwidth			
	at frequency	wide	narrow	SSB
Sensitivity	0.15 MHz	-	-	-
	0.50 MHz	51	30	-
	1.00 MHz	50	40	-
	2.00 MHz	2.5	2.0	1.0
	5.00 MHz	2.4	1.8	1.0
	7.00 MHz	2.4	1.8	1.0
	10.00 MHz	2.5	1.6	1.0
	30.00 MHz	2.5	1.6	1.0
Bandwidth 6/60 dB in kHz	SSB	wide	normal	narrow
	2.1/8.3	6.2/18.6	3.5/10.4	2.2/8.3
Image rejection	52 dB			
AGC range	60 dB			
ICP 3rd order	- 34 dBm			
Tuning indicator	\$1	1 μV		
	mid-scale	60 μV		
	end of scale	400 μV		
Antennas	Telescope 80 cm			
External antenna connections	3 mm jacks for antenna and ground			
Remarks	Receiver tested was modified with 3 Murata IF-filters, switchable			

AF-section	
Audio power output	0.5 W
Audio frequency range	84 - 6100 Hz
Tone controls	none
Noise limiter	yes, not effective
Speaker	8 Ohms, 8.5 cm Ø
Connections	headphones

General	
Power supply	6 × D-type battery or external 9 VDC
Power consumption	2.1 VA
Dimensions	30 × 19 × 10 WHD in cm
Weight	4.3 kg
Accessories	operator's manual, schematics