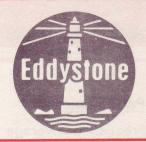
Eddystone Radio Limited

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Cables: Eddystone Birmingham Telex: 337081



AM/FM Broadcast Receiver

Model 1570 (Provisional)

GENERAL DESCRIPTION

The Eddystone Model 1570 is a fully solid state AM/FM broadcast receiver designed to meet the requirements of the more discerning listener who demands a somewhat superior reception performance to that given by the conventional domestic type of receiver.

The 1570 utilises advanced techniques and components of the type normally found in professional communication receiver equipment. Added features include such facilities as unambiguous digital readout display of the tuned frequency, LED array indicator for the display of the selected range band, wide frequency range coverage of long, medium and three short-wave bands, plus international FM broadcast coverage and an 'S' meter for peaking-in on weak reception signals.

The receiver is compact, lightweight and elegantly styled in the modern trend. The audio stages can be used independently for an auxilliary input source and provision is made to facilitate tape recorder reproduction. Power for the receiver can either be derived from the AC Mains Supply (100-120V and 200-250V 40-60Hz) or from the optional internal rechargeable battery pack. Provision is also made for connection to an external 12V DC supply of negative earthed polarity.



Performance

Frequency Coverage	FM	88	_	108MHz
	1	8.5		22MHz
	2	3.5	-	8.5MHz
	3	1.5	_	3.5MHz
	4	500		1500kHz
	5	150		350kHz

Sensitivity	FN	$M = 5\mu V$ for 20dB S/N with 22.5kHz deviation
	۸۱	1 2 V/5 10-ID C/AI

AM	$3\mu V$	for	1	2dB	SIN
CW	2µV	for	1	2dB	S/N

Audio Output 3 Watts max into 4Ω ; 1.5 Watts at 1% distortion

Audio Response Within 6dB 100Hz-15kHz

Temperature Range 0-40°C

Power Supplies AC supply 100-120V and 200-250V (40-60Hz).

Optional internal rechargeable sealed lead-acid

hattery

External 12V DC supply (negative earth).

Resolution of Digital Display FM 10kHz
AM 1kHz

Other Facilities

Economy circuit for internal battery.

Tape record output 5 pin standard

Audio input DIN connector

FM Mute

Telescopic aerial For FM use with limited AM use.

Headset Low/medium impedance

Our equipment is designed generally to meet "British Defence Specification 133 Class L2".

As we are always seeking to improve our products, the information in this document gives only general indications of product capacity, performance and suitability, none of which shall form part of any contract. The information herein is subject to confirmation at the time of ordering.