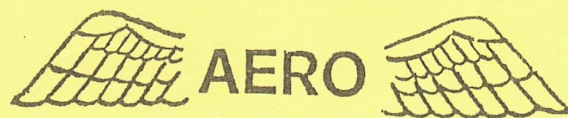


THE
DR100

*** SINGLE CHANNEL MONITOR**

*** FULLY TUNEABLE** FROM 108 TO 136 MHz

*** FULLY PORTABLE**


HOBBY SUPPLIES

THE NEWEST ADDITION TO OUR RANGE - THE DR100

FOLLOWING ON the success of the extremley popular DR600 and CR600, Customers asked us if we had a radio that did not rely on crystals but had the same performance and range and portability of the DR600 - and its good looks. So we looked into the idea and came up with the DR100.

It is an ideal receiver, for anyone who wants to monitor just one channel, but who can tune to any frequency within the airband from 108-136MHz VHF.

It has a large LCD frequency readout, so you know exactly which frequency is being monitored.

Tuning is made easy by the large edge type knob, you just simply turn the edge type knob until the readout reads your desired frequency.

- Nothing could be simpler -

The radio, like the DR600 can be run off the mains or carried around with you. It is fitted with Ni-Cad batteries as standard, which are charged from the mains via the charging unit supplied with the radio. The same charger unit is used when you want to use the radio off the mains say when you are at home or in the office (It doesn't matter if your batteries are fully charged and you would like to run the radio off the mains you cannot overcharge them or damage the radio).

You can if you wish, also run the radio in your car, either on its own batteries or from the car battery via a car lead which simply plugs into your car cigarette lighter socket. This does not charge the batteries in the radio, but does enable you to listen to the monitor in your car, and still have a full charge in the batteries (providing you have charged the batteries previously of course!) if you want to have a wander-around an Airfield etc.

We list the DR100's features and specifications overleaf, but if you have any specific queries or questions regarding any aspect of the radio we are only a phone call or letter away.

Now check out these features

FEATURES:-

- * Fully Tuneable from 108-136MHz.
- * Fully Portable - Carry Strap Provided.
- * Large 10.5 5 Digit LCD Frequency Readout.
- * Rechargeable Batteries and charger unit supplied (no hidden extras)
- * Built in telescopic antenna with rear socket for external antenna.
- * Built in Speaker - personal earphone supplied.
- * Use at home, at the office or in a vehicle (with suitable Mag Mount)
- * Works great in any light aircraft, ideal as a back up in the event of any avionics failure (Not CAA Approved for airbourne use).
- * Designed and built in the U.K.
- * Full 12 months guarantee (Includes Parts and Labour).
- * Fast Accurate Tuning - If you are listening to say Heathrow Approach on 119.2 and the aircraft is told to go to the Director on 120.40 you can tune to 120.4 and be waiting for the Pilot to call up!
- * Is an ideal Radio for use with the Samatron U-Verter if you fancy listening into Military when you desire.
The readout tells you what frequency is being received and you can convert that frequency from the VHF into UHF by looking at the conversion chart on the front of the U-Verter.
Please see Samatron U-Verter sheet for extra details..

Delivery Time:-

Approx 14 days but please telephone for confirmation of availability.. Thank you.

GENERAL SPECIFICATIONS:-

CASE:- Mild steel Shells - Front & Rear panels in Aluminium -
All covered with bonded vinyl for strength and durability.
Just wipes clean with a damp cloth. Colour:- Black.

SPEAKER:- 3 x 8 ohm Internal Speaker fitted in top shell.

POWER SOURCE:- Internal by 8 x AA Size Ni-Cads, external Power socket
provided for Input voltages in the range of 13.8V to 20V
AC or DC absolute Maximum input voltage not to exceed 20 Volts.

ANTENNA:- Built in telescopic aerial - standard car aerial socket provided
for connecting various external aerials if desired.

TUNING:- Main tuning dial control is coupled to a 5 digit LCD Frequency
readout (2 Decimal places).

DIMENSIONS:- Approx. 7" Wide by 2½ High by 5½" Deep.

WEIGHT:- Approx 2½ Lbs (1.1 kgms) fully equipped.

PRICE:- ~~£129.00~~ ^{£139.00} which Includes:-
VAT, Ni-Cad batteries and Charger - carry strap - Earpiece.
12 months guarantee.

ELECTRICAL SPECIFICATIONS:-

FREQUENCY RANGE:- 108-136 MHz A.M. Detection (Aircraft Band)

RECEIVING RANGE:- Single Conversion (10.7MHz I.F.)

SENSITIVITY :- Half micro-volt for 10db S+S/N (112-136MHz)

SELECTIVITY:- 6db Band 25KHz and 40 db Band 140KHz (⁺70KHz gives effective
cut off of strong adjacent channel transmissions).

AGC;- Operates on R.F amp I.F. Input point and on main I.F Amplifier
giving a very constant audio output signal from the weakest to the
strongest signals.

AUDIO OUTPUT POWER:- 800 Milliwatts MAX (8 to 35 ohms).

POWER CONSUMPTION:- Rated output (Squelch off) 75-150M/A
Stand By : Squelch on 36M/A.

AVERAGE BATTERY LIFE:- At continuous rated output approx 4 hours. Normal
average useage, approx 24 hours between charges.