

AIR BAND RADIO

ABR-DM01

DESCRIPTION

The **ABR-DM01** VHF transceiver has been designed by Wavenet as a single block unit for usage in cockpit environment of general aviation aircrafts including helicopters.

The **ABR-DM01** VHF transceiver enables voice communication in the very high frequency band between 117.975 MHz and 136.975 MHz with a selectable channel spacing of 25 kHz or 8.33 kHz.

This VHF transceiver is a compact and lightweight single block unit. The dimensions correspond to the standard instrument diameter of 58 mm (2 ¼ inch).

Aircraft internal communication via connected headsets is possible due to the internal built in intercom. Intercom operation is automatically triggered via VOX (adjustable). Setting of VOX-threshold is accessible by pilot.



ABR-DM01 SPECIFICATIONS

Frequency range	117.975 – 136.975 MHz
Channel spacing	25 kHz or 8,33 kHz
Number of channels	25 kHz mode: 761 8,33 kHz mode: 2.237
Storage temperature range	-55° C – 85° C
Operating temperature range	-20° C – 55° C
Nominal supply voltage range	11.0 ... 30.3 V DC
Power consumption	Reception mode: 600mA Transmission mode: 1.800 mA
DC-fuse internal	5 A autoresetable
Dimensions	Front panel: 63 mm x 63 mm Depth of unit: 232 mm (front plate till end of antenna connector) Mounting (pack-panel): standard 58 mm diameter (21/4 inch)
Weight	600 gr

Specifications subject to change without notice