

MODEL RTR-MX

Narrowband Radio Link

General Description

The HydroLynx Model RTR-MX radio transceiver is used in ALERT telemetry as the RF link in Data Transmitters. This radio is FCC type-accepted for Narrowband operation.

The radio is programmable with a maximum of 16 channels. Each channel has a receive and transmit frequency pair; the frequencies can differ but must fall within the radio's frequency band.

Specifications

FCC / Emission

VHF Identifier	F3JSD125V2
UHF Identifier	F3JSD125U1
Emission Designator	11K0F3E

Frequency

VHF Band	148 to 174 MHz
Channels	16
Frequency Source	Synthesizer

RF & Power

RF Output Power	5 watts
Power Supply	9 to 15 Vdc
Receive	< 65 mA
Transmit	< 2.0 A

Physical

Operating Temp.	-30 to 60 °C
Dimensions	1.2 in. x 2.5 in. x 4.7 in.
Weight	0.6 lbs.

Ordering Information

RTR-MX-V	Narrowband Radio Link, VHF
RPA-T	Power Amplifier, 20 watt @ 50% duty