

## 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 the 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 receive and transmit frequencies can be different but all frequencies must be within the radio's frequency band.

### Specifications

FCC Identifier:  
VHF: ..... F3JSD125V2  
UHF: ..... F3JSD125U1  
Emission Designator: ..... 11K0F3E  
Frequency Band:  
VHF: ..... 148 to 174 MHz  
Number of Channels: ..... 16  
Frequency Source: ..... Synthesizer  
RF Output Power: ..... 5 watts  
Power Supply: ..... 9 to 15 Vdc  
Current Drain:  
Receive: ..... < 65 mA  
Transmit: ..... < 2.0 A  
Operating Temperature: ..... -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



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