

Model 250 Tone Remote Adapter

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Zetron's Model 250 adapts to most EIA-standard base station radios so they can be controlled by a desktop remote. Multiple channel selection for up to fifteen frequencies, up to six control outputs, and monitor and transmit (PTT) make the Model 250 Tone Remote Adapter a powerful unit.

Twelve preset configurations of channel combinations, control outputs, and monitor functions make the Model 250 simple to install and easy to use.

Product Features and Configuration

- ✓ Exceptional audio quality
- ✓ Automatic line loss compensation
- ✓ Up to six control outputs; two relays
- ✓ Integrated setup utilities

SPECIFICATIONS

General		Electrical	
Input Voltage:	10.5 to 16 Volts DC	Line impedance:	Balanced 600 ohm or 200 k ohm
Operating Current:	180 mA typical, 260 mA max	Tone Decode Level:	Guard: -16 to +10dBm
Operating Temp.:	-30°C to +70°C 95% relative humidity at +50°C (non-condensing)		Function: -26 to 0dBm
Indicators:	Power, status	FET output drive:	Holding: -36 to -10
Adjustments:	Rx audio, Tx audio, Line Tx	Relay contact rating:	Open drain, 115 mA sink capability
			2 A at 30 V DC

Configuration/setup:	Using front panel switches	Rx to Line output drive:	0dBm
Guard tone frequencies:	Configurable for 2100Hz, 2175Hz, 2300Hz, 2323Hz, 2600Hz, 2800Hz, 2970Hz	Line to Tx output drive:	50mV to 5Vpp output into a high impedance load
Audio filtering:	Guard tone notch and hi-pass filters in both directions	Selectable Configurations	
Audio connections:	Rx discriminator or speaker, and microphone Tx	• 1 Frequency, Monitor, PL strip, 6 Wildcards	
Control outputs:	6 open drain outputs, 2 relays and PTT. Two of the signals are configurable for monitor and COR	• 1 Frequency, Monitor, PL strip, 4 PL, 2 Wildcards	
		• 2 Frequency, Monitor, 6 Wildcards	
		• 2 Frequency, Monitor, 4 PL, 2 Wildcards	
		• 4 Frequency (1 of 4), Monitor, 3 Wildcards	
Mechanical		• 7 Frequency (1 of 7), Monitor	
Line Connector:	RJ11 modular jack	• 8 Frequency (binary), Monitor, 4 PL	
Radio Connector:	Detachable 0.156" crimp pin style	• 8 Frequency (binary), Monitor, 3 Wildcards	
AI Communication ©	2-wire half-duplex, 4-wire full or half-duplex	• 12 Frequency (binary), Monitor, 1 Wildcards	
		• 14 Frequency (binary), Monitor	
		• 15 Frequency (binary)	
		• 1 Frequency, Monitor, Latched outputs	
		• Inverted BCD	

Model 250 - Tone Remote Adapter - Monitor - Transmit - PTT