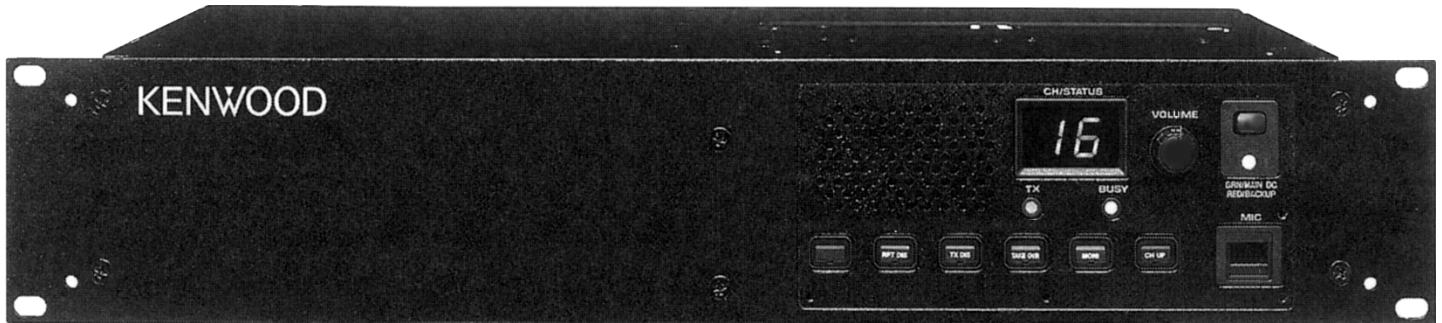


TKR-750 and TKR-850 Kenwood Repeaters

The TKR-750/TKR-850 is a synthesized, 50/40-watt commercial grade repeater. During over-temperature conditions, the power output is automatically reduced to 25-watts. The high power level is adjustable between 10 and 50/40-watts.



Standard features include:

- DC Battery backup switch-over in an event of a primary DC power failure. The battery backup circuit includes a charge feature.
- 3-1/2" Rack mount chassis.
- 16 programmable channels with Wide/Narrow channel spacing for each channel
- 6 programmable function keys with front panel speaker and microphone jack.
- Built-in cooling fan.
- DSP audio processing.

VHF (136 - 174) 25/50 Watt

Frequency range:	TKR-750K TKR-750K2	146-174 MHz 136-150 MHz
Channel Steps:		2.50 kHz 5.00 kHz 6.25 kHz
Temperature Range:		-30°C to +60°C
Frequency Stability:		±2 ppm
Power Supply:		13.8 VDC
Current Consumption:		RX: 800 mA TX: <13 A
RF Impedance:		50 Ohm
Dimensions:		19" x 13" x 3.5"
Weight:		21.4 lbs
Receiver Specifications		
IF Amplifier:	First Second	44.85 MHz 455 KHz
Sensitivity (12dB Sinad)		0.35 µV
Selectivity:		85 dB
Intermodulation:		80 dB
Spurious Attenuation:		90 dB
Hum and Noise:		50 dB
Antenna Connection:		BNC Female
Transmitter Specifications		
Output Power (Continuous):		50 (25) watts
Spurious Response:		80 dB
Distortion:		<3%
Hum and Noise:		50 dB
Antenna Connection:		Type N Female

UHF (400 - 512) 25/40 Watt

Frequency range:	TKR-850K TKR-850K2 TKR-750K3	440-480 MHz 480-512 MHz 400-430 MHz
Channel Steps:		5.00 kHz 6.25 kHz
Temperature Range:		-30°C to +60°C
Frequency Stability:		±1.5 ppm
Power Supply:		13.8 VDC
Current Consumption:		RX: 800 mA TX: <13 A
RF Impedance:		50 Ohm
Dimensions:		19" x 13" x 3.5"
Weight:		21.4 lbs
Receiver Specifications		
IF Amplifier:	First Second	44.85 MHz 455 KHz
Sensitivity (12dB Sinad)		0.35 µV
Selectivity:		83 dB
Intermodulation:		78 dB
Spurious Attenuation:		90 dB
Hum and Noise:		50 dB
Antenna Connection:		BNC Female
Transmitter Specifications		
Output Power (Continuous):		40 (25) watts
Spurious Response:		80 dB
Distortion:		<3%
Hum and Noise:		50 dB
Antenna Connection:		Type N Female

TO ORDER: 1-800-975-4024 FOR TECHNICAL INFORMATION: 530-672-9053 FAX: 530-672-8749
Pacific Research Solutions – 6166-D Enterprise Dr. – Diamond Springs, CA 95619 – <http://www.pacres.com>