

KENWOOD

Listen to the Future



Repeater Transceivers

800 & 900 MHz

Kenwood 800 & 900 MHz repeaters provide fully synthesized operation, design flexibility and proven RF performance. TKR series products are 100% duty cycle repeaters for use as TX/RX units in a trunking repeater system. The TKR-900 and TKR-901 units are configured for rack mounting in standard 19" racks or in locking cabinets.

- **Compact size saves space and fits in an EIA - standard 19" rack for easy installation and service**
- **Setting channels is easy with PLL-synthesized repeater – just dial in the FCC channel number – no external oscillator required**
- **Built with the utmost emphasis on quality, these high performance units meet 100% duty cycle requirements**



Specifications

TX-RX Model #	TKR-900	TKR-900K2	TKR-901
GENERAL	TKR-9300S	TKR-9300S NPSPAC	TKR-9301S
Frequency Range (MHz)	806-821/851-866	821-824/866-869	896-901/935-940
Number of Channels	1	1	1
Exciter RF Power Output	250 mW	250 mW	250 mW
Exciter TX Duty Cycle	100%	100%	100%
TX Spurious/Harmonics	-80dB	-80dB	-80dB
TX Audio Distortion	<2%	<2%	<2%
Frequency Stability	+/- 0.00015%	+/- 0.0001%	+/- 0.0001%
RX Sensitivity, 12dB SINAD	0.3 μ V	0.3 μ V	0.3 μ V
RX Intermodulation	-70dB	-70dB	-70dB
RX Spurious/Image Rejection	-85dB	-85dB	-80dB

Kenwood USA Corporation is committed to a policy of constant improvement in features, quality and performance. To accommodate these improvements, all technical information and specifications are subject to change without notice. Custom options and configurations are available, if needed. For more information, call 1-800-TRUNKING.

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