

Kirisun DMR Repeater Comparison

A repeater is what turns simplex range into site coverage. All three are DMR Tier II and run a 100% continuous duty cycle. Signals NZ is the Exclusive New Zealand Distributor for Kirisun.

MODEL	TIER	CHANNELS	RF POWER	DUTY CYCLE	FREQUENCY VERSIONS	POWER SUPPLY	SIZE	WEIGHT	RX SENSITIVITY	AUDIO OUT	PRICE EX GST
TR850 3U rack unit with the widest band choice	Tier II	64	40 W UHF 45 W VHF	100%	VHF 136–174 MHz UHF 400–470 MHz UHF 450–512 MHz	13.6 V DC ±15% or 100–250 V AC	482.6 × 338.5 × 132.5 mm 3U rack	11.5 kg	0.30 µV	0.5 W	\$3,995.00 \$4,594.25 inc GST
DR600 Slim 1U; upgrades to Tier III in software	Tier II Tier III by software upgrade	64	40 W UHF 45 W VHF	100%	VHF 136–174 MHz UHF 400–470 MHz	13.6 V DC ±15% or 100–250 V AC	482.6 × 450 × 44 mm 1U rack	11.2 kg	0.22 µV	0.5 W	\$4,795.00 \$5,514.25 inc GST
K-R600 Current generation; 2,048 channels, adjustable power, front-panel screen	Tier II	2,048	5–50 W continuously adjustable	100%	VHF 136–174 MHz UHF 400–470 MHz	13.8 V DC or 100–250 V AC battery charging	482.6 × 370 × 44 mm 1U rack	9.5 kg	0.18 µV	2 W	\$4,999.00 \$5,748.85 inc GST

ALSO ON EVERY MODEL Smart digital–analogue auto detection and mixed mode · optional IP site link for multi-site coverage · AIS / SIP interface and rear expansion port · channel spacing 12.5 / 20 / 25 kHz · –30 °C to +60 °C · ETSI-TS 102 361 digital protocol.

NOTE Lower receive sensitivity figures are better. Prices are ex GST; inc-GST figures are calculated at 15%, current 18 September 2026 and subject to change. Specifications are Kirisun's and subject to change without notice.