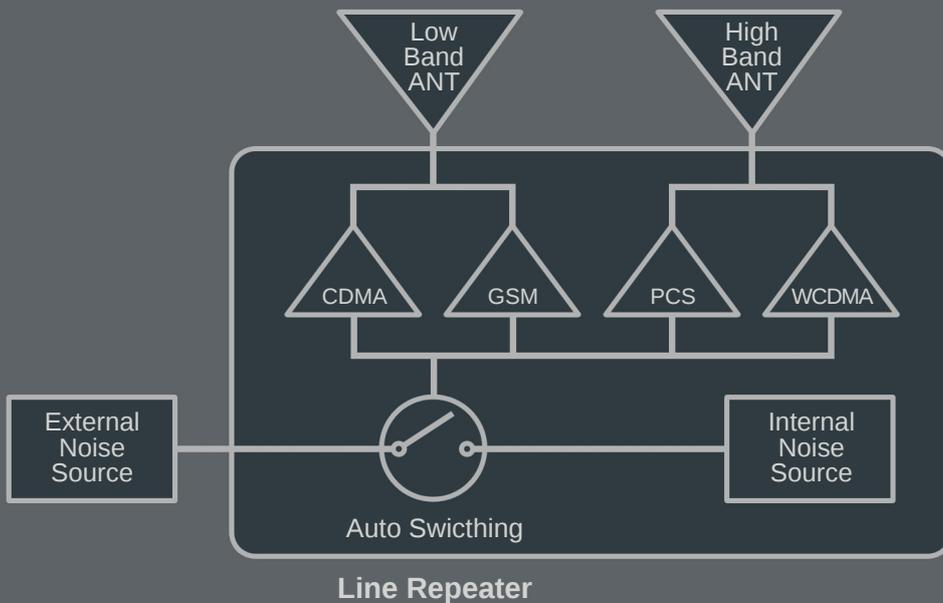


WRJ

: A Proud Member of FineDigital's Remote Equipment Manager Family

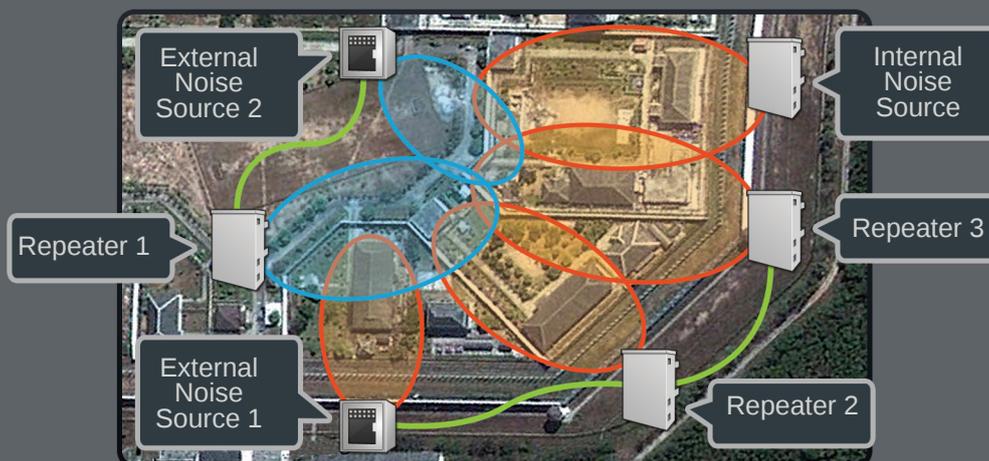
WIRED REPEATER for JAMMER



"A Flexible Wired Repeater for Jamming CDMA, GSM PCS & WCDMA Signals"

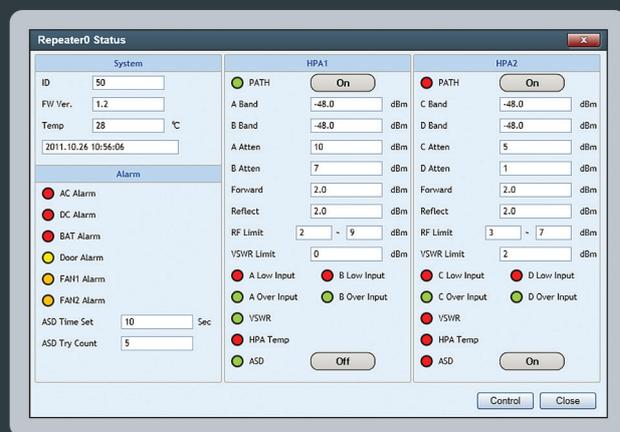
Synopsis

- Create a mute zone ("mobile comm. blackhole") within the targeted region by amplifying and transmitting jamming signals from external sources
- Provide seamless jamming signals in case of the disruption in external jamming source by utilizing built-in internal noise source
- Expand the coverage by simply connecting another FineREM_WRJ in cascade



Key Features

- Wide jamming coverage per repeater, up to 500 meters from the repeater (the figure given when the field signal strength is under -90dBm)
- Able to cover four frequency bands : CDMA (850 MHz), GSM (900 MHz), PCS (1.8 GHz), WCDMA (2.1 GHz)
- Support both internal and external jamming sources, allowing bump-less switching in case of disruption in external jamming source
- Readily configurable to single source, multi-repeater setup by connecting multiple FineREM_WRJ in cascade to a single external source, allowing even wider coverage
- Alarm setting for input source levels, VSWR, excessive output power (auto shutdown)
- Built-in rechargeable backup battery, ensuring min. 1 hour operation without AC power
- Repeater status monitoring/control, firmware download (by plugging in FinREM_RMS)



Product Specifications

Parameters			Specifications	Remarks
Dynamic range	Input		-56 ~ -11dBm	
	Output	Internal source	17~47dBm(50W) ±2dB	CDMA,GSM,WCDMA
		External source	20~49dBm(100W) ±2dB	PCS
Gain control	Range		20~75dB	
	Step		1dB	
	Accuracy		±1dB	
IMD	External source		e45dBc	Max output
Internal noise source	Bandwidth accuracy	Below 30MHz	±1MHz	CDMA, GSM
		Above 30MHz	±2MHz	PCS, WCDMA
	VSWR		1.5	
Electrical power	AC		AC 100~240V, 50/60Hz	
	Backup battery		Min. 1 hour operation	
Dimension	W × H × D (mm)		450 × 735 × 330	
Weight	Kg		55Kg	