

GUIDER

RADIO TRANSMITTERS



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Features

Kar-Tech's GUIDER series radio transmitter is **THE** industry standard in the utility and truck-mount crane sector. This classic pistol-grip style is low-cost, tough as nails, easy to work. Internal rechargeable or standard alkaline batteries in a sealed compartment provide days of working life and the transmitter has the ability to recharge and control via an optional wire tether, in addition to our standard wall and cigarette lighter chargers. LED's or a display on the transmitter offer best-in-class diagnostics at the transmitter, and our hardware allows for advanced logic to be incorporated if necessary and a one hour charge with our fast charger.

General		Mini Receiver			
Weight	2.5 lb. with magnet, 1.4 lb. without		I/O	Up to 9 solid state outputs, 5A max	
Operating Temperature	-40° to +85° C		Frequency	900 MHz FHSS, 10mW output power, -100dBm receiver sensitivity	
Storage Temperature	-40° to +100° C		Range	100m nominal, greater line of sight	
Ingress Protection	IP65 nominal – varies with custom configurations		Power	12/24 VDC nominal, +9 to +35 VDC min/max	
Housing Material	High impact thermoplastic	Physical	2.5" x 2.5" x .9", 1.8 lb., Encapsulated UL94 ABS plastic		
Control Options	Up to 8 toggle switches, E-Stop switches, toggle switches, pushbuttons, potentiometers, thumbwheels, or proportional trigger with trigger guard.	VC-93/99/125 Receiver			
Certification	FCC, IC, C-Tick, others on request		I/O	Up to 36 inputs (analog/digital) and 36 outputs (analog/digital), 5A max, with 100VDC protection	
Power			Frequency	900 MHz FHSS, 33mW output power -114dBm receiver sensitivity 2.4 GHz DSSS, 100mW output power -92dBm receiver sensitivity	
Battery Type	Internal rechargeable NiMH battery or 4 AA alkaline		Range	300m nominal, greater line of sight	
Operating Time	Depends on configuration, 40-60 hours	Power	12/24 VDC nominal, +9 to +35 min/max		
RF2CAN Receiver			Physical	VC-93 - 5.2" x 4.6" x 1.4", 0.8 lb., High temperature nylon VC-99/125 - 5.55" x 5.75" x 2.02", 1.0 lb., Glass-filled polymer	
Frequency	900 MHz FHSS or 2.4GHz DSSS		Industrial Receiver		
Output	CAN - SAE-J1939 & CANOpen			I/O	Up to 9 relay outputs, rated at 16A per
Range	300m nominal			Frequency	900 MHz FHSS, 10mW output power, -100dBm receiver sensitivity
Power	9 - 30VDC			Range	100m nominal, greater line of sight
Physical	3.5" x 2" x 4.1", 0.8 lb., UL94 - HB High impact palastic	Power		110 - 265 VAC	
		Physical	8.6" x 4.7" x 3.5", 1.65 lb., Polycarbonate enclosure		

