

# HANDY

## RADIO TRANSMITTERS








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### Features

The big brother to Kar-Tech's MINI line of radio controls, the HANDY series radio remote controls offer the OEM or end-user an affordable way to quickly and easily control many on/off outputs at a range of up to 1000 feet. Using a larger size, but similar enclosure as the MINI, the HANDY can incorporate all the advanced features common in Kar-Tech's radio line. It's loaded with protections, and is smart; the standard two-way communication alerts the operator at the transmitter of any machine errors. Constructed entirely of surface-mount, solid-state components, the HANDY has no relays to burn out and no coils to tune.

General		Mini Receiver			
Weight	0.6 lb.		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	-55° to +100° C		Range	100m nominal, greater line of sight	
Ingress Protection	IP54 nominal – varies with custom configurations		Power	12/24 VDC nominal, +9 to +35 VDC min/max	
Housing Material	UL94 - HB High impact plastic		Physical	2.5" x 2.5" x .9", 1.8 lb., Encapsulated UL94 ABS plastic	
Control Options	Four, eight, or nine output configurations available with optional PWM output.	<b>VC-93/99/125 Receiver</b>			
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	
			Frequency	900 MHz FHSS, 33mW output power -114dBm receiver sensitivity 2.4 GHz DSSS, 100mW output power -92dBm receiver sensitivity	
			Range	300m nominal, greater line of sight	
Power	One 9V battery		Power	12/24 VDC nominal, +9 to +35 min/max	
			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	
			Operating Time	Up to 50 hours continuous keypress	
<b>RF2CAN</b>		<b>Industrial Receiver</b>			
	Frequency	900 MHz FHSS or 2.4GHz DSSS		I/O	Up to 9 relay outputs, rated at 16A per
	Output	CAN - SAE-1939 & CANOpen		Frequency	900 MHz FHSS, 10mW output power, -100dBm receiver sensitivity
	Range	300m nominal		Range	100m nominal, greater line of sight
	Power	9 - 30VDC		Power	110 - 265 VAC
	Physical	3.5" x 2" x 4.1", 0.8 lb., UL94 - HB High impact plastic		Physical	8.6" x 4.7" x 3.5", 1.65 lb., polycarbonate enclosure

