

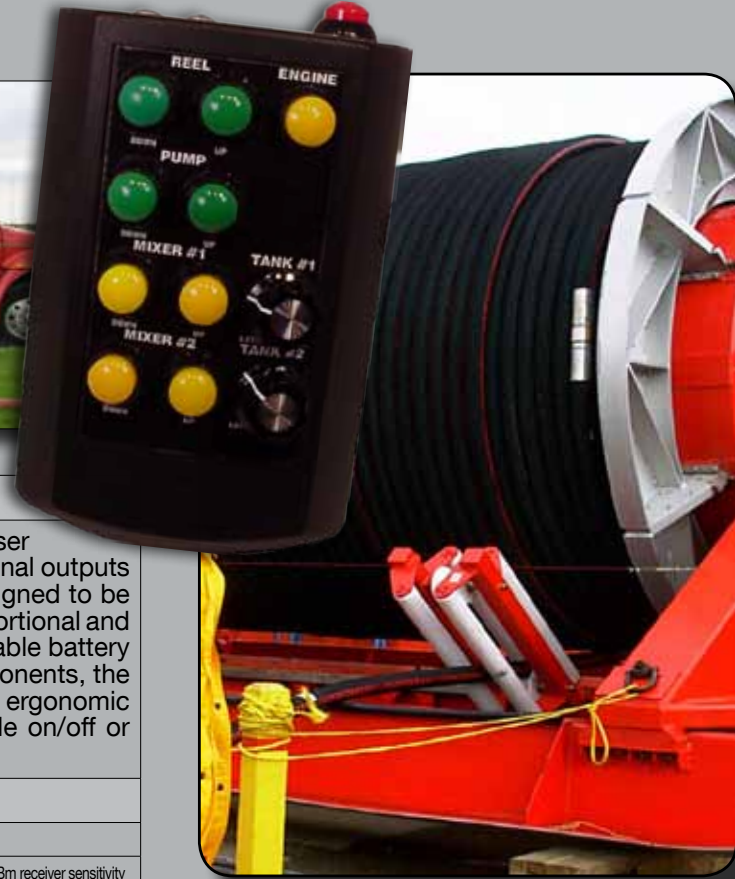
ERGO

RADIO TRANSMITTERS








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Features

Kar-Tech's ERGO series radio remote controls offer the OEM or end-user an ergonomic way to quickly and easily control the on/off and proportional outputs on their equipment with a range of up to 1000 feet. The ERGO is designed to be worn on the forearm or belt. It can provide a large number of mixed proportional and on/off controls. The transmitter runs on two 9V batteries or a rechargeable battery pack. The electronics are constructed entirely out of solid-state components, the ERGO has no relays to burn out and no coils to tune. It's a low-cost and ergonomic radio that lends itself well to almost any application requiring multiple on/off or proportional controls.

General		Mini Receiver			
Weight	0.8 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	-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	ABS		Physical	2.5" x 2.5" x .9", 1.8 lb., encapsulated UL94 ABS plastic	
Power		VC-93/99/125 Receiver			
Battery Type	Internal rechargeable smart NiMH battery or 2 9V in a sealed compartment		I/O	Up to 36 inputs (analog/digital) and 36 outputs (analog/digital), 5A max, with 100VDC protection	
Operating Time	Depends on configuration, 20-60 hours		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	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	
RF2CAN Receiver		Industrial Receiver			
	Frequency	900 MHz FHSS or 2.4GHz DSSS		I/O	Up to 9 relay outputs, rated at 16A per
	Outputs	CAN - SAE-J1939 & 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., encapsulated UL94 ABS plastic		Physical	8.6" x 4.7" x 3.5", 1.65 lb., polycarbonate enclosure

