

Locomotive Remote Control (LRC) Console Box

Features

- ✓ Joystick for Independent Brake and Throttle Control
- ✓ Long-Range 450MHz to 470MHz Operation
- ✓ 8-Character Daylight Readable Display
- ✓ Push/Pull Machine Stop
- ✓ Twelve System Status LEDs
- ✓ Audible Alarm
- ✓ Programmable Operator Vigilance
- ✓ Auto-Bail Feature
- ✓ Operational Harness or Belt Attachments



The Warrior Locomotive Remote Control (LRC) Console Box is the latest specialty hand-held command and control remote from Cervis, Inc. The LRC offers a robust control interface with the Warrior MU-x6E base unit to remotely control locomotives. The rugged, low-power unit reduces downtime and operator frustration. Operating at 450MHz to 470MHz, the controller's extended range affords a comfortable safety margin for the operator while assuring complete system control. Programmable features—such as Operator Vigilance—allow for safe application/site-specific control, while customizable application-specific display readouts enhance operator system awareness. The bright 8-character LED display is easily readable during both daylight and night operations, and the eight bright status LEDs provide a constant dynamic readout of current control conditions.

Specifications

Power

Operating Voltage	2.0 to 3.2VDC
Power Source	Two "C" Cell Batteries

Environment

Operating Temp	-20°C to 55°C (-4°F to 131°F)
Storage Temp	-20°C to 85°C (-4°F to 185°F)
Humidity	0 to 95% Non-Condensing

Radio

Frequency	450MHz to 470MHz
RF Power	100mW (+20 dBm max)
License	Certified FCC Part 90
Modulation	2-GFSK
Range	Up to One Mile
Antenna	External, RP-TNC 50Ω port



Enclosure

Material	High-impact, glass-filled nylon
Faceplate	Aluminum
Hardware	Stainless steel
Dimensions	mm: 263.5 x 141.5 x 139 inches: 10.4 x 5.6 x 5.5
Total Weight	≈1.8kg (3.95 lbs.)

Controls

Brake Apply/Release	Joystick or Maintained 9-position lever
Throttle Increase/Decrease	Joystick or Spring-return 9-position lever
M-Stop	Professional metal stop (push/pull)
Start/Reset	Pushbutton
Display	Pushbutton
On/Off	2-position keyswitch
Headlight	2-position toggle
Bell + Horn	3-position toggle
Enable Disable	2-position toggle
Forward/Neutral/Reverse	3-position toggle

Indicators

	Radio transmission (standard)
	Battery Status (standard)
RA	Radio Active (standard)
SS	Safety Stop (standard)
FWD	Forward Direction Selected
REV	Reverse Direction Selected
PKD	Brake Released/Throttle Enabled
D-EN	Direction Enabled/Brake Applied
MRP	Main Reservoir Pressure OK
TL2	Trainline Fault Detected
WS	Wheel Slip Condition Present

Dimensions

