

Warrior 22 MU-X9 Receiver

Features

- ✓ Two Motion, Two Speed Control
- ✓ Two Series MLC Safety Relays
- ✓ Dedicated Horn/Light and Start Relays
- ✓ Compact Designed to IP65/IP67 Standards
- ✓ 900MHz @ 100mW No License Required Operation
- ✓ Designed to ICS 8 NEMA Crane Specification
- ✓ External Antenna
- ✓ Self-Contained, Factory Pre-Configured Terminal Wiring with Single Pigtail Harness



The Warrior 22 MU-X9 is a low cost machine-mounted receiver intended for use on industrial hoists. Available in 900MHz for maximum flexibility, the MU-X9 is self-contained and prefigured providing a no-touch solution. The pigtail harness flying leads are marked for easy identification. The MU-X9 accepts control commands from Warrior handheld transmitters*.

The unit can be mounted using the molded enclosure mounting flange that provides the option of using the four pre-drilled 0.20" holes with bolts or screws, or by using the two 0.425" holes with the 0.225" x 1.00" shank-slides. The sturdy enclosure allows the MU to operate worry free in harsh weather conditions and factory environments.

**The Warrior HH2S transmitter is standard with the MU-X9 in a Warrior 22 system. Other Warrior transmitters can be used with the MU-X9. Contact your Cervis sales representative for details.*

Specifications

Power

Operating Voltage	110 to 220VAC @ 50-60Hz 7 to 36VDC 10 to 28VAC @ 50-60Hz
Operating Power	2.4W

Environment

Operating Temp	-40°F to 158°F (-40°C to 70°C)
Storage Temp	-40°F to 176°F (-40°C to 80°C)
Humidity	0 – 95% non-condensing

Enclosure

Dimensions	4.500" x 2.437" x 5.750" (114.3mm x 61.89mm x 146.05mm)
Durability	NEMA 4, 4X, 6, 6P IP65/IP67
Mounting	Four enclosure flange screw holes; two enclosure flange hole-slide slots

Indicator (LED)

White	Used during Association
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Radio

Frequency (MHz)	906-924
Power	100mW
License	License Free
Antenna	External (RP – TNC)

Stop Circuit

Two (Series)	Type Form A
Contact Rating	8A Max. @ 250VAC

Control Relays

Six (6) Function	Type Form A
Four (4) System	Type Form A
Contact Rating	5A Max. @ 250VAC

MU-X9 Receiver

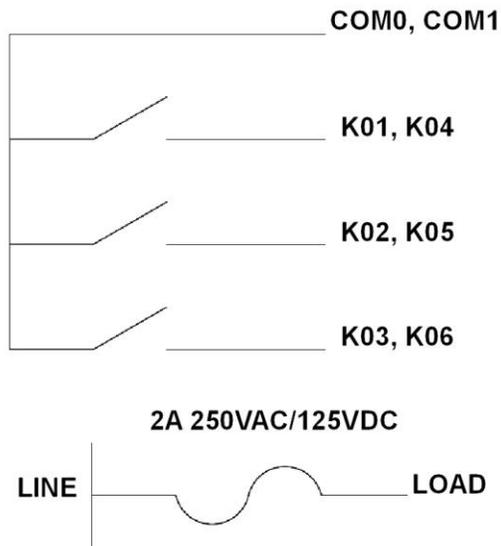


10-System Relays Schematic Diagram

The ten system relays are divided into two groups of three — K1 through K3 and K4 through K6, and a group of four relays — K7 through K10.

- Groups 1 and 2 perform related motion functions
- Group 3 contains the MLC Stop Circuit.

Group 1 and Group 2



Group 3

