



R-6 Operating Guide

1 to 3 and 4 to 10 Channel Potted Receivers



OPERATION

General

Receivers are factory configured and programmed for each application. Refer to the wiring diagram for your specific system for receiver wiring and output information.

Transmitter/Receiver Matching

Receiver can “learn” a new transmitter in the field by operating 2 transmitter functions simultaneously within 10 seconds of powering receiver on.

SPECIFICATIONS

General

Power Requirement 12vdc, 100mA nominal + power to loads

Fuses Customer-supplied fuse should be installed in field wiring

Radio

Frequency 433.92MHz, fixed frequency

RF Connector (option) BNC

Outputs RF6-SM; Up to 3 Solid state 10-amp sourcing (total max current)

RF6; Up to 10 Solid state 10-amp sourcing (total max current)

Field Wiring RF6-SM; Deutsch DT06-08S plug and contact kit

RF6; Deutsch DT06-12S plug and contact kit

Crimp contacts provided for 16-18awg stranded wire

Environmental

Storage -40°C to 85°C

Operating -10°C to 60°C

IMPORTANT!

Read this manual completely before operating system.

Keep this manual available for future reference.

Make sure the area is safe for operating equipment before turning power on or starting equipment.

If you encounter any problem or malfunction, discontinue use immediately, and contact your equipment dealer for service or replacement parts.

CAUTION

Improper operation of these controls could cause damage to equipment. Do not allow anyone to operate this equipment before completely reading all manuals.

NOTICE

Miratron, Inc. controls are not intended for life or safety applications. Miratron, Inc. shall not accept responsibility for installation, application, or safety of machine or systems which utilize miratron, Inc. controls.

Care and Handling

Failure to follow care and handling instructions will void the warranty and could result in unsafe equipment operation.

Remove receiver from machine prior to welding on machine.

Do not paint electrical connectors.

Use only factory provided antenna and cabling.

Do not open receiver enclosure except to make adjustments to factory settings.

Use transmitter to test functions. Do not apply voltage to circuit board directly.