



# IRX30 Infrared Receiver Module

*Converts a Miratron radio receiver into an IR receiver*



## OPERATION

### Receiver Operation

Complete 8-channel IR receiver. Factory configurable outputs and 2 optional inputs for sensors or local controls. Compatible with all IR equipped Miratron transmitters.

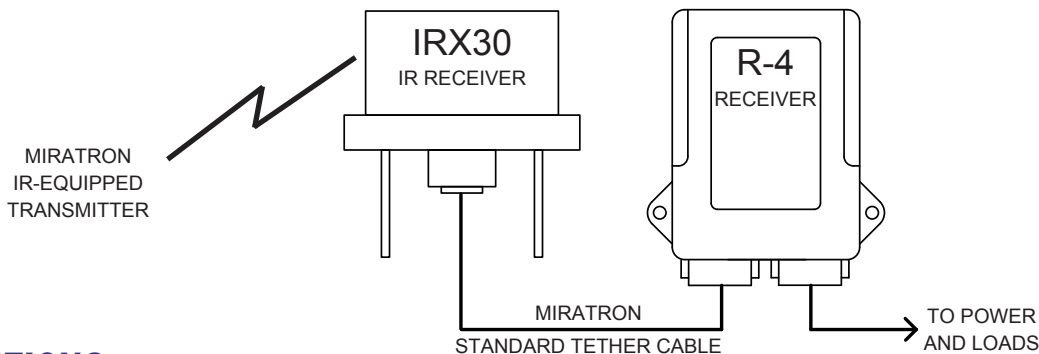
### General

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.

## WIRING



## SPECIFICATIONS

### General

#### IR

Power Requirement

Powered from receiver

Wavelength

950nm infrared

Range

50 feet, nominal

#### Field Wiring

Amphenol C-16 series connector, 4-conductor  
Connects directly to Miratron receiver tether jack

#### Enclosure

Tinted polycarbonate, NEMA 4X  
Approximate size: 3.85 diam x 2.3” h above mounting surface  
4” recommended under mounting surface for wiring

#### Environmental

Storage

-40°C to 85°C

Operating

-40°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.