



# T-1 Tethered Controller Operating Guide

## Multi-Function Belly Pack Controller



*Photo for reference only. Actual product appearance will vary.*

### **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.
- Clean controller gently with a damp cloth or dry, compressed air. Do not immerse transmitter in water, or spray with hose. Do not store outside.
- Do not drop controller or otherwise subject transmitter to physical shock.
- Do not expose controller to extreme temperatures.
- Do not open controller enclosure. Controller contains no user serviceable parts.

## OPERATION

### Controls

Controllers are built-to-suit, and may be equipped with joysticks, potentiometers, paddles, pushbuttons, switches, and other customer-specified controls. Take time to familiarize the operation and arrangement of the controls before operating equipment.

## SPECIFICATIONS

### Controls:

User specified toggles, joysticks, potentiometers, or paddles

Standard: 7-3/4" L x 5-3/4" W x 7-1/2" D; PC ABS

Jumbo: 11-1/4" L x 5-1/2" W x 6-1/2" D ; High-impact polystyrene

Sealing: IP65

Storage: -40°C to 85°C

Operating: -10°C to 60°C

## Troubleshooting:

ISSUE	SOLUTIONS
Controller not working. LED not on or blinking.	Make sure power switch is on, if equipped. Check receiver fuse.
Controller not working. LED on or blinking.	Make sure E-Stop switch is out (if equipped.) Make sure receiver is powered. Make sure controller and receiver are connected.
One or more functions do not operate properly.	Verify receiver wiring is correct. Verify control device is operational (solenoid valve, pump, etc.) Inspect controller, receiver, and cabling for damage. (Do not open.) Some control systems feature special program logic that can disable functions under certain conditions. Consult factory for specific details.