

# ACCESSORIES

# RR-TRAN

Radio Remote Control



*Calsense is the premier resource for quality irrigation controllers, water saving accessories, and advanced management software. With nearly two decades of experience, our focus is on water conservation, labor savings and irrigation control. We're committed to providing our customers with powerful water management that works and is easy to use.*

 **CALSENSE**®

making water work  
since 1986

# RRe-TRAN

## ACCESSORIES

Another convenient option, the Calsense ET2000e irrigation controller allows the user to activate irrigation control valves from a remote location and receive the status on a handheld transmitter. The Calsense model RRe and RRe-TRAN, when combined, provide an improved level of hand-held operation unsurpassed in the industry.

### DESCRIPTION

Calsense's enhanced integrated Radio Remote receiver allows users to open and close valves without requiring them to go directly to the irrigation controller. The receiver is integrated onto the Calsense ET2000e controller board and does not require an external power supply.

The user is able to select a controller to operate by scrolling through a list of sites and controllers downloaded through an IR link at the PC or to the RRe-TRAN, directly making operation flexible and easy. The RRe-TRAN displays current ET2000e status information for user response. This hand-held displayed information includes flow rate and electrical consumption of the operating outputs. Editable station information available to view and edit at the handheld include total minutes, minutes per cycle, soak in time, expected flow rate, and square footage. The keypad is user-friendly and provides for immediate intuitive operation.

Five user-selectable frequencies are incorporated into the transceiver to minimize interference. The Calsense ET2000e controller will also send real-time status information to the RRe-TRAN. The enhanced integrated Radio Remote offers the flexibility to grow as the coverage area grows. Multiple transceivers may be used on large sites without worry of interference due to unique transparent controller addressing and multiple channel options.

All components comply with FCC regulations. Battery power has been improved to several days. When the battery of the handheld reaches a critical low level the user is notified with a "Dead Battery" warning. The transceiver includes an easy-to-use battery charger and a carrying case.



### FEATURES

- VHF band transceiver with integrated modem.
- FCC compliant.
- Rugged high impact ABS plastic case for hand-held device.
- Controls up to 48 station outputs.
- Low receive and stand-by current consumption.
- Range of coverage (line of site) 4.5 miles.
- Can be used with up to 270 controllers.
- 10-year warranty.

### TECHNICAL SPECIFICATIONS

<b>Transceiver Output:</b>	Maximum 2.0 watts
<b>Temperature:</b>	-30°C to +60°C
<b>Receiver Sensitivity:</b>	-110dBm
<b>Range:</b>	4.5 miles line of sight

### CONSTRUCTION

<b>Transceiver</b>	
<b>Dimensions:</b>	2.3" x 4.4" x 1.3"
<b>Case:</b>	Hand-held black ABS

### COMPATIBILITY

ET2000e: All versions

### MODEL NUMBERS

- RRe: Calsense enhanced integrated radio remote board.
- RRe-TRAN: Calsense enhanced transceiver (compatible only with the RRe radio remote board).

2075 Corte del Nogal, Suite P • Carlsbad, CA 92011 • (760) 438-0525 • (800) 572-8608 • Fax: (760) 438-2619 • www.calsense.com