



MDT



# Leak Detection Transceiver

Standard and MAX Range Systems

## Product Overview

The Leak Detection MDT helps property owners monitor for water leaks near hot water tanks, under sinks, boiler/basement room floors, or anywhere that water could flood or damage the property. When water is detected, a message is immediately sent to the DCAP, which then generates an alert via email for quick action to mitigate the damage.

The Leak Detection MDT is based on our display MDT board that has an audio jack port for the two-foot-long water sensing cable. Place one end on the ground where water might pool and the other ends audio jack in the MDT. Longer cable lengths are available. Since the MDT is based on our MDT plastic it too can be mounted on a wall with a #6 drywall screw. The MDT comes with two AA Lithium batteries and has a typical battery life of over 6-8 years.

The Leak Detection MDT comes in two versions, our Standard and MAX Range. The Standard Range is our original, first generation system, which we continue to fully support and maintain.

## Specifications

Inputs Options	Light-duty leak detection sensing cable • Optional Pulse input • Optional Encoded input
Data Resolution	1-hour interval, Immediate transmission if water is detected
Radio	902 – 928 MHz; FCC and IC Certified; Open field range nearly 2 miles (Standard Range Models) * Open field range nearly 10 miles (Max Range Models) *
LED	Indicates on/off and RF network connection status. From button press: • Solid Green: good Link Quality • Solid Amber: OK Link Quality • Red or Flashing: poor Link Quality or syncing to Network
Operating Environment	-20° to 145° F
Power	Two AA Lithium batteries
Typical Battery Life	6-8 years @ 50° to 90° F, reduced at extreme temperatures
Dimensions	4.3" x 2.2" x 1.2"
Warranty	Four years, does not cover batteries or water damaged MDT (designed to be placed up above area that will detect a leak

Continual product enhancements may cause specifications to change without notice.

\*Actual range may vary depending on installation location and topography

## Models

Standard System		
Leak Detection MDT	TW-167S-L	Leak Detector cable, one-hour interval data. Compatible with standard networks
MAX System		
Leak Detection MDT	TW-177S-L	Single pulse input counter, one-hour interval data, no on-board memory

\*: Adequate repeater coverage is required for guaranteed delivery.  
Other combinations and sensor inputs are available by special order. Please contact Tehama for details.

**\*\*Note\*\*** Standard and MAX Range systems are NOT compatible: only MAX Range MDTs must be used with a MAX Range Repeater (and MAX Range DCAP) and vice versa for Standard.

Refer to [AN-119](#) in the documents section of our website for more information.

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