

WINLAND ELECTRONICS, INC.

WINLAND

Wireless Water Sensor

WBTX-319

WBTX-345

Contents

This package contains:

- 1 Transmitter (includes batteries)
- 1 Surface Probe
- 1 Quick Start Guide
- 2 Mounting Screws
- 2 Adhesive Strips

INTRODUCTION

Thank you for your purchase of the Winland Wireless WaterBug® model WBTX. The WBTX is completely electronic and is designed to detect water.

The WBTX is not a self-contained warning device. For proper operation, it must be used in conjunction with an alarm system. It is designed so that the transmitter mounts on a wall or other flat vertical surface, and the remote probe is placed in the location where water leakage is most probable.

Moisture forming a bridge between the two metallic contacts on a remote probe is all that is needed for the unit to signal an alarm condition. The output on the WBTX will remain in alarm state until the moisture bridge is broken. As sensitive as the WBTX is, it will not alarm due to high humidity or condensation. The WBTX is ideal for use in homes, offices, computer rooms, warehouses, etc.

Wireless WATERBUG® Installation Instructions

Wireless Water Sensor and Accessories

1 Transmitter • 1 Probe • 2 Mounting Tape • 2 Batteries • 2 Screws

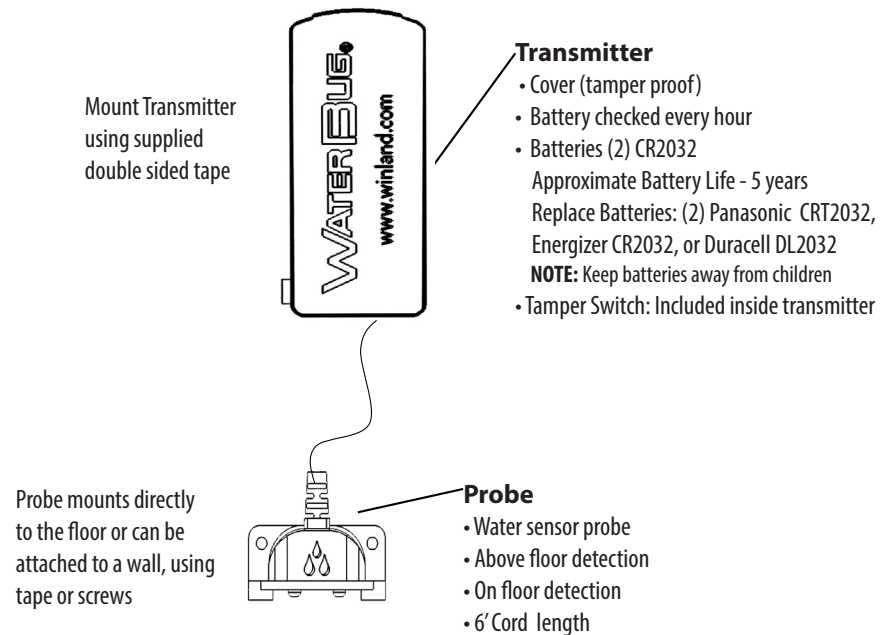
INSTALLATION

When mounting the wireless device make sure it is not mounted on metal or where there are any large metal objects between the device and the control panel, this can be tested prior to or after installation.

Mounting the probe to a vertical surface like a wall enables you to monitor an area for rising water levels. Use where ever unwanted water may accumulate. Suggested areas near: water heater, washing machines, under sinks, and sump pumps

Water Detector Mounting:

Mount the transmitter as high as possible, the water Probe has a 6' cable attaching it to the sensor. The probe can be mounted to the wall or floor using mounting screws or adhesive strips provided.



Tech Support 8:00am - 5:00pm Central Time
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Features

- Water Detection when liquid makes contact with probe
- Contacts above floor level to prevent false floor condensation detection
- Checks for water constantly, requires two positive checks for a valid alarm

Programming

1. Enable Programming Mode
2. Open and close the case to "tamper" the device
3. Customize name and settings as desired and touch "ADD"

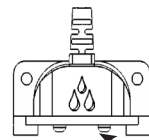
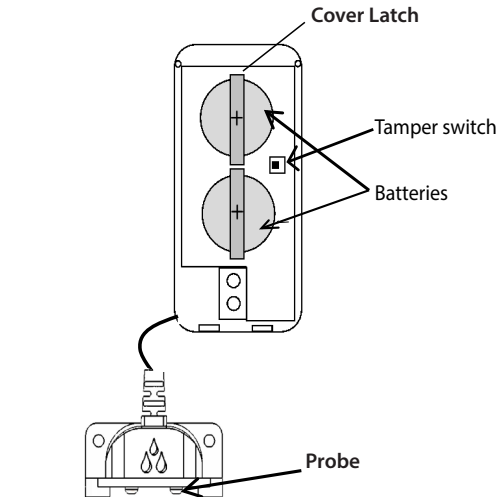


Figure 3

Mount the probe to ensure these two stainless steel contacts are near the surface to be monitored, but not touching the surface

Test Procedures

To test the WBTX operational status, form a water bridge between the two metallic contact points (See figure 3) with a moistened finger or cloth. If working properly, the WBTX will activate the warning device to which it is connected within approximately three seconds. The WBTX will reset automatically when the probe dries and there is no longer a water bridge between the two metallic contact points.

To insure proper operation, test weekly.

*Concrete can be semi-conductive.
If experiencing false alarms, insulate all
probes mounted on concrete.*

SPECIFICATIONS

Power Requirement	Batteries: 2 - CR2032 Approximate Battery Life: 5 years Replace Batteries: (2) Panasonic CR2032, Energizer CR2032, or Duracell DL2032
Wireless Signal Range	600 ft (200M), open air
Code Outputs	tamper, tamper restore, alarm, alarm restore, low battery
Transmitter frequency	319.5 MHz and 345MHz
Unique Code ID	
Supervisory keep-alive interval	70 minutes
RF Peak field strength	Typical 36000 uV/m at 3m
Operating Temperature	32° to 122°F (0° to 50°C)
Relative Humidity	5 - 95% Non-condensing
Storage Temperature	-40° to 140°F (-40° to 60°C)
Max Cable Length	72"
Package Weight	.158 lbs
Transmitter Dimensions	2.71" H x .95" W x .56" D
Probe Dimensions	.7" W x 1.77" L x .38" D
Mounting Probe	Can be mounted to wall surfaces using the provided mounting screws or adhesive tape provided
Case Material	ABS
Warranty	1 Year Limited

ONE YEAR LIMITED WARRANTY

Winland Electronics, Inc. ("Winland") warrants to the end user/purchaser that each product of its manufacture shall be free from defects in material and factory workmanship for a period of one year from the date of purchase, when properly installed and operated under normal conditions according to Winland's instruction. Winland's obligation under this warranty is limited to correcting, without charge, at its factory any part or parts thereof which shall be returned to the factory, by the original purchaser, transportation charges prepaid, within one year of the date of purchase and which upon examination, shall disclose to Winland's satisfaction to have been originally defective. Correction of such defects by repair to, or supplying replacements for, defective parts shall constitute fulfillment of all Winland's obligations to purchaser under this limited warranty. Repair service performed by Winland after one year from date of purchase will be for a reasonable service charge. This limited warranty shall not apply to any of Winland's products which have been subject to misuse, negligence or accident or which have been repaired or altered outside of Winland's factory. The warranty is void if the Product's housing or cover is removed.

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