

# TEMP° ALERT®

## Model TA-40

Part No. M-001-0101

### Installation / Owners Manual



#### Introduction

Thank you for your purchase of the Winland Temp° Alert® model TA-40. Your new Temp° Alert® has been designed for reliable monitoring of areas where low temperature limits are critical. Temp° Alert® monitors and activates when the temperature drops below 39.2° F (4° C).

#### Location

It is difficult to precisely specify the location or number of TA-40's to install. A number of factors such as room size, effectiveness of the ventilation system, and the likelihood of freezing should be considered. If the building already has an energy management system, an easy rule of thumb is to install a TA-40 near each thermostat. **When protecting a building against freeze damage, always install at least one Temp° Alert® on every level of the home or business.**

#### Installation

Items needed:

- Either Standard or Phillips screwdriver
- Qty. 2 - #6 Screws

Step #1 – Use the base of the TA-40 as a template and mark the position of the screw holes. Drill pilot holes if necessary. Align the TA-40 with mounting holes and install the screws. **Do not fully tighten screws at this time.**

Step #2 – Connect the TA-40 to your warning device by attaching an 18 GA to 24 GA cable to the terminals. Slide the cover on and finish tighten the mounting screws.

**Important Note: To insure proper operation, test the unit weekly.**

#### Operation and Testing Procedures

For proper operation, the TA-40 must be located in an area where the temperature range is within -40° to +212° F (-40° to +100° C). Contacts will remain closed at temperatures above 39.2° F (4° C). But if the temperature drops below 39.2° F (4° C) the contacts will open to activate any hardwire alarm or wireless transmitter. The tolerance on this temperature switch is +/- 5.4° F.

To manually activate the TA-40 for testing purposes, place the device in a freezer for 10 minutes. Remove the TA-40 from the freezer; test the contacts with an ohmmeter to confirm that they have opened.

#### Specifications

| Temp° Alert TA-40 (P/N M-001-0101) |  |
|------------------------------------|--|
| Operating Temperature              | -40° to +212° F (-40° to +100° C)  |
| Contacts                           | Close at temps greater than or equal to +39.2° F +5.4° F (4° C +3° C)<br>Open at temps less than +39.2° F +5.4° F (4° C +3° C) |
| Contact Ratings                    | Voltage less than or equal to 24 V AC/DC<br>Current less than or equal to 200mA  |
| Recommended Sensor Cable           | 18 to 24 Gauge   |
| Case Material                      | ABS  |
| Weight                             | 3 ounces (.09 kg)  |
| Dimensions                         | 2.5" x .8" x .55" (6.35 x 2.03 x 1.40 cm)  |
| Color                              | Off White  |
| Mounting                           | Surface Mount – 2 Screw holes  |

**Warranty and Service Information**

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. Winland shall not be liable for loss, damage or expense resulting, directly or indirectly, from the use of its products or any other cause.

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Under no circumstances shall Winland's liability under this limited warranty exceed the purchase price paid by the end user/purchaser for the product. No person, agent or dealer is authorized to give warranties on behalf of Winland nor to assume for Winland any other liability in connection with any of its products.

**WEEE Product Recovery/Recycling for EU Customers**

In an effort to improve waste management in the European Union, the European Union has enacted directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE Directive). According to the WEEE Directive, this product must not be disposed of with other household waste. For disposal information go to [www.winland.com](http://www.winland.com) and click on the WEEE link. To request additional information regarding Winland's RoHS and WEEE compliance initiative and how it might impact your business, email [customerservice@winland.com](mailto:customerservice@winland.com).

**TA-40 Certification Info**

**Applicable Directives**




RoHS Directive 2002/95/EC; WEEE Directive 2002/96/EC

**Statement of Compliance**

Winland Electronics, Inc. hereby declares that this device is in compliance with all the applicable Directives, 2002/95/EC, 2002/96/EC.

**Note:** This device is considered a passive EM device and is thereby excluded from the scope of the EMC directive (89/336/EEC)

**Symbols on the Product or Manual Labeling**

| Symbol  | Definition  |
|---|---|
|  | For product disposal, ensure the following: <ul style="list-style-type: none"> <li>• Do not dispose of this product as unsorted municipal waste.</li> <li>• Collect this product separately.</li> <li>• Use collection and return systems available to you</li> </ul> |
|  | WEEE Waste Electrical and Electronic Equipment  |
|   | RoHS Restriction of Hazardous Substances  |
|  | Registered trademark (USA only)   |



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