

## Installation Instructions

### TSJ 48 Series



an INFINIT<sup>®</sup> company

## Warning

1. These products are intended for indoor use only on telephone type circuits with operating voltages not to exceed 15 VDC.
2. Never install telephone wiring during a lightning storm.
3. For the TSJ48-CLT. The hardwire connectors on the TSJ48-CLT are connected internally in the suppressor to lines 1,2,4, & 5 of the RJ-48 connectors on either end of the unit. Failure to disconnect the telephone line at the network interface before installing the secondary protector could cause shock due to contact with live voltages present on phone lines.

Thank you for your recent purchase of our surge protection solution. Your satisfaction with our product and service is important to us. If you have any questions, comments or concerns, please contact us at 800.882.9110 or visit our website at [www.transtector.com](http://www.transtector.com). We look forward to continuing to serve your protection needs.

# Installation Instructions

## TSJ-48 SERIES

### 1. Mounting (See Figure 1)

### 2. Wiring the TSJ48 & TSJ48L (See Figure 1)

2.1 Connect the female RJ-48 jack to the data port (To Line).  
Connect the male RJ-48 jack to the equipment to be protected (To Equip).

2.2 Connect the Ground Lead to a system Ground.  
Ground lead must be connected for proper suppressor operation.

### 3. Wiring the TSJ48-CLT, TSJ48-CLT-RS, & TSJ48-CLT-18 (See Figure 2)

3.1 The TSJ48-CLT can be wired in any combination of hard-wire and/or "RJ-48 Style" connectors. It protects lines 1, 2, 4 & 5 on the RJ-48 connector. The hard-wire connectors are "straight through" with input line 1 and output line 1 being the same line. The same applies for lines 2 through 4. The hard-wire connections and RJ-48 jacks are interconnected as shown.

3.2 Connect LINE side of suppressor to the data port. Connect EQUIP side of suppressor the the equipment to be protected.

3.3 Connect ground stud to equipment ground keeping leads as short as possible. Ground lead must be connected for proper suppressor operation. The TSJ48-CLT-RS has a ground stud on the bottom of the unit so it can be attached directly to a ground bus bar.

