



Bridge Gateway Manual

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Preparation

Unpack the Gateway and inspect the contents for damaged or missing products. If any problems arise, please contact Touch-Plate at 260.426.1565 for assistance.

Precautions

The Gateway's hardware is designed to be in environments that have a temperature range of 0-60°C (non-condensing atmosphere). Installing in an environment outside of these parameters will shorten the life span of the hardware.

Touch-Plate recommends the use of 18 AWG / 2 Conductor Shielded wire for low voltage wiring, 18 AWG wire for all 24V power connections, and 16 AWG wire for Digital 2-wire Control Stations.

All 120VAC wiring must use wire as specified by National Electric Code for load size and wire length.

Compatible Hardware

The Gateway product is not a standalone item. It is part of a networked, intelligent control system with a Time-Keeper or ZoneZ Master Controller (ZMC) that can incorporate the following products:

Digital 2-Wire Control Stations:

- Eclipse Series
- Mystique Series
- Ultra Series

Warranty

Touch-Plate warrants this product against defects in materials or workmanship, under normal use, for a period of ONE (1) year from date of shipment. If a defect arises and a valid claim is received within the Warranty Period, Touch-Plate will repair or replace the product at no charge.

This warranty does not apply to:

- a. Damage to unit(s) caused by accident, acts of God, inappropriate installation, faulty installation, or any negligent use;
- b. Unit(s) which have been subject to being taken apart or otherwise modified;
- c. Unit not used in accordance with instructions;
- d. The finish on any portion of the product, such as surface and/or weathering, as this is considered normal wear and tear;
- e. Non-Touch-Plate hardware installed by the user;
- f. Damage caused by Non-Touch-Plate products;
- g. Damage caused by operating the product outside the permitted or intended uses described by Touch-Plate;
- h. -or- Specific plans or Specific application requirements, unless the plans and specifications have been forwarded to Touch-Plate and Touch-Plate has approved and accepted the plans in writing.

EXCEPT AS PROVIDED IN THIS WARRANTY, TOUCH-PLATE IS NOT RESPONSIBLE FOR DIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, INCLUDING BUT NOT LIMITED TO, INSTALLATION OR REPLACEMENT LABOR COSTS.



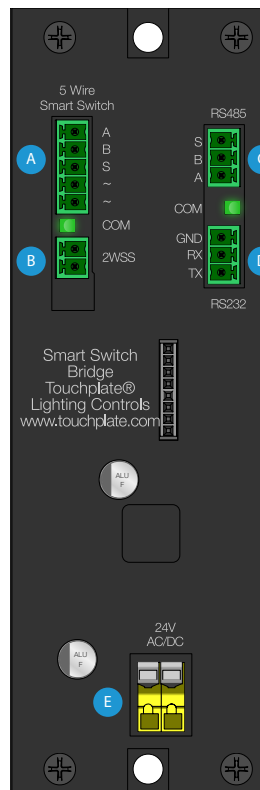
Installation, Wiring, and Connections

Use the wiring connections diagram to set up your system. Each system will have different components and this document does not show all possible connections and configurations.

Each Bridge to 2W Gateway supports up to eight (8) Digital 2-Wire Control Stations and has a 500 foot limit from the Gateway to the last Digital Control Station on a single run.

Multiple Bridge to 2W Gateway's can be wired parallel or in-series.

- A** This connector is for the Digital 5-Wire Control Stations. Be sure to properly mate the wires to the connector. The + goes to the connector labeled 'A', the - goes to the connector labeled 'B', the Ground goes to the connector labeled 'S' and the power wires go to the bottom two connectors.
- B** This connector is for the Digital 2-Wire Control Stations. It does not matter which wire is plugged into the connector as the Digital 2-Wire Control Stations are not polarity sensitive.
- C** This connector is for the RS485 connection.
- D** This connector is for the RS232. This connector will not be used for the Bridge to Digital 2-Wire Control Station application.
- E** This connector is for the 24VAC or 24VDC power. This connector can utilize one or the other power configuration.



Frequently Asked Questions

1. What are the DIP switches for?
 - a. On this version of the Gateway, the DIP switches are not used.



Touch-Plate Manual
Revision: .0a