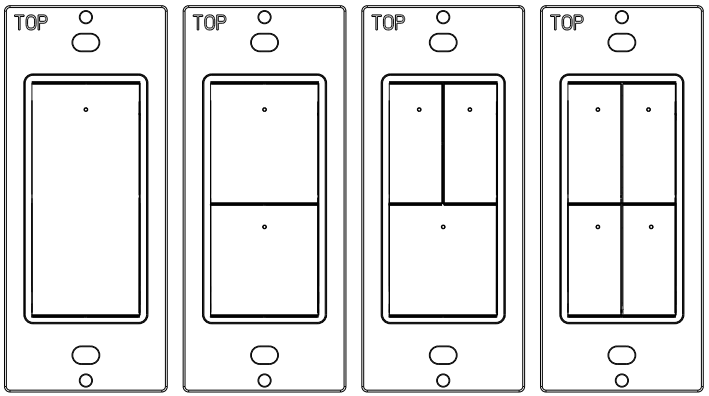
INSTALLATION INSTRUCTIONS

Enerlites

LVS-101, LVS-102, LVS-103, LVS-104

Low Voltage Switch



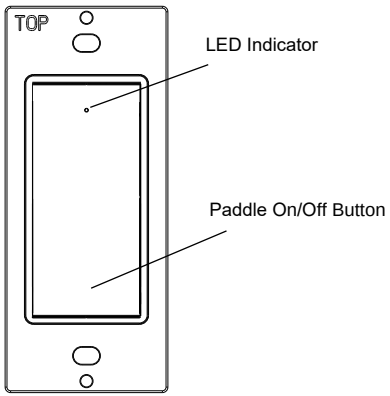
SPECIFICATIONS

Voltage 24VDC
Current Consumption 20mA
Power Supply .....Enerlites Room Controller MPP-24
Connections.....24V, Com, Man, Control

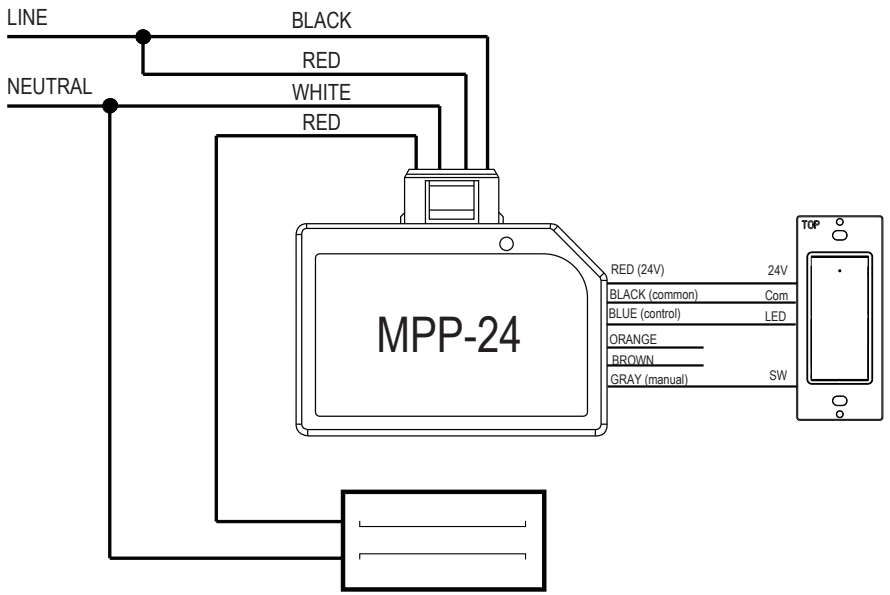
DESCRIPTION

The LVS Series of low voltage switches control ON/Off for various LED panel lights. Control a single zone or up to 4 zones with the LVS-104. The LVS Series operates on 24V supplied by the MPP-24 Power Pack and can easily pair with our occupancy ceiling sensor MPC-50L.

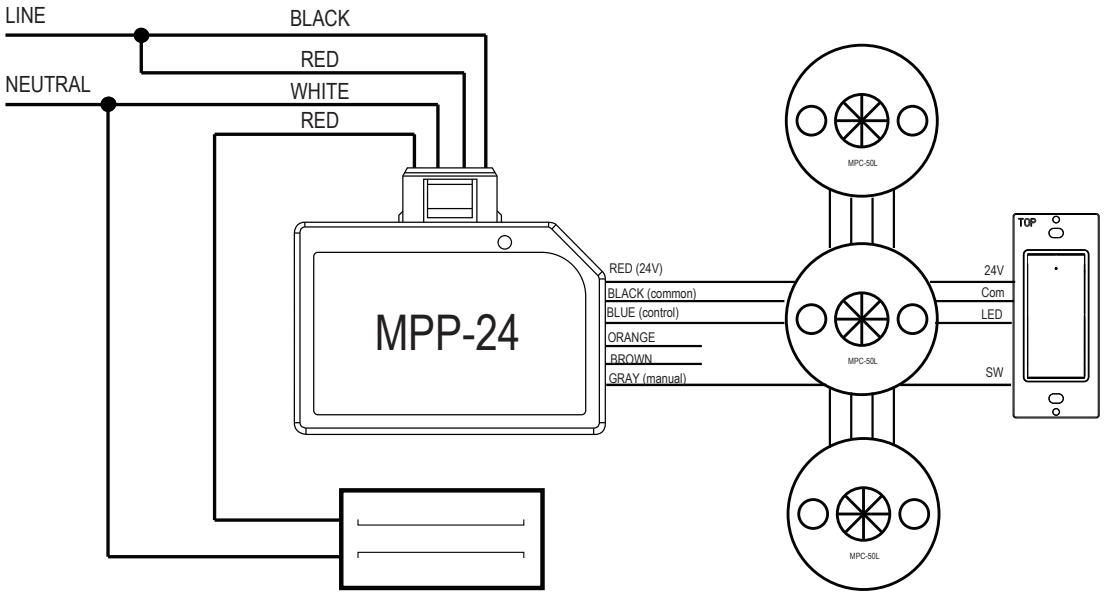
BUTTON AND INDICATOR



LVS-101 / MPP-24

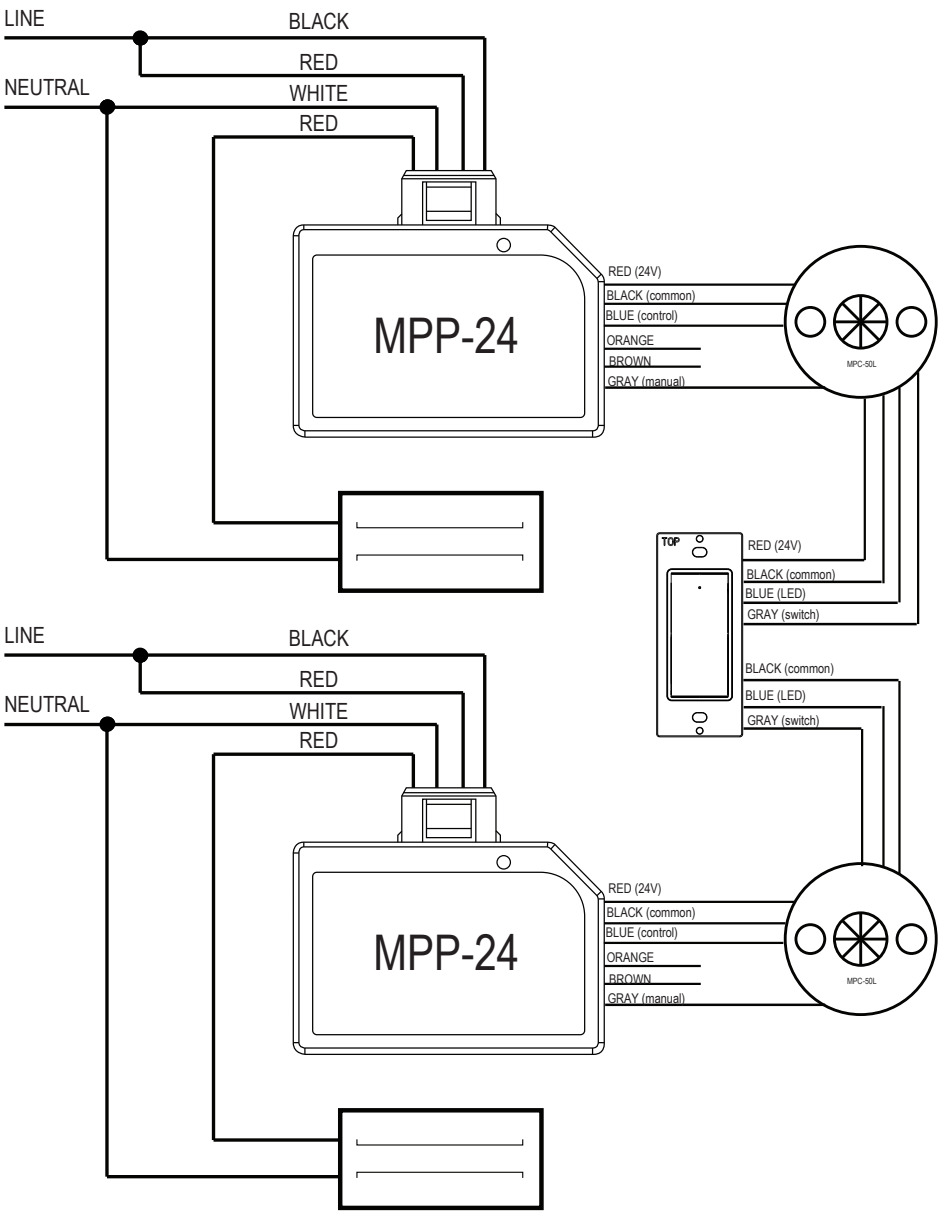


LVS-101 / MPP-24 / MPC-50L (3X)



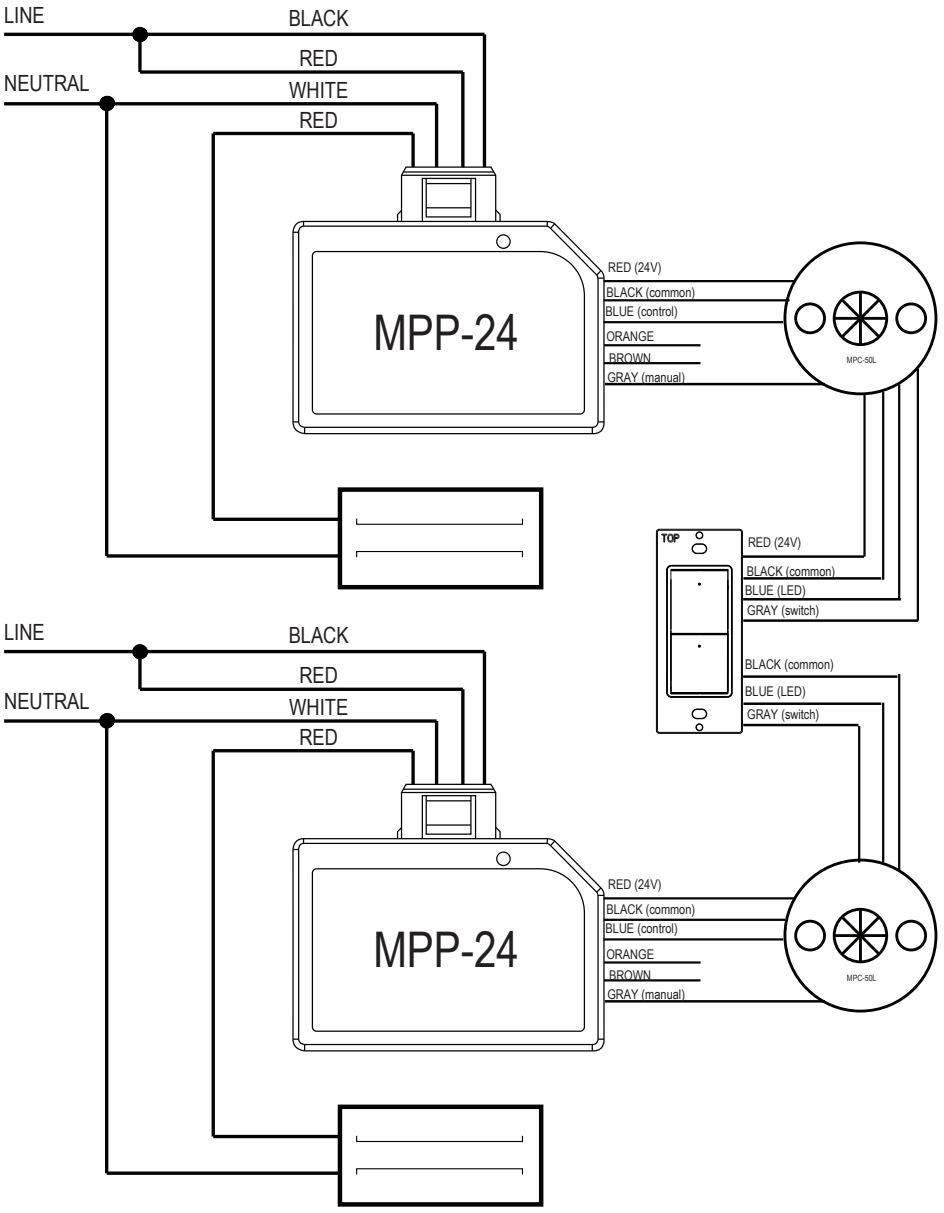
LVS-101 / MPP-24 (2X) / MPC-50L (2X)

Single zone



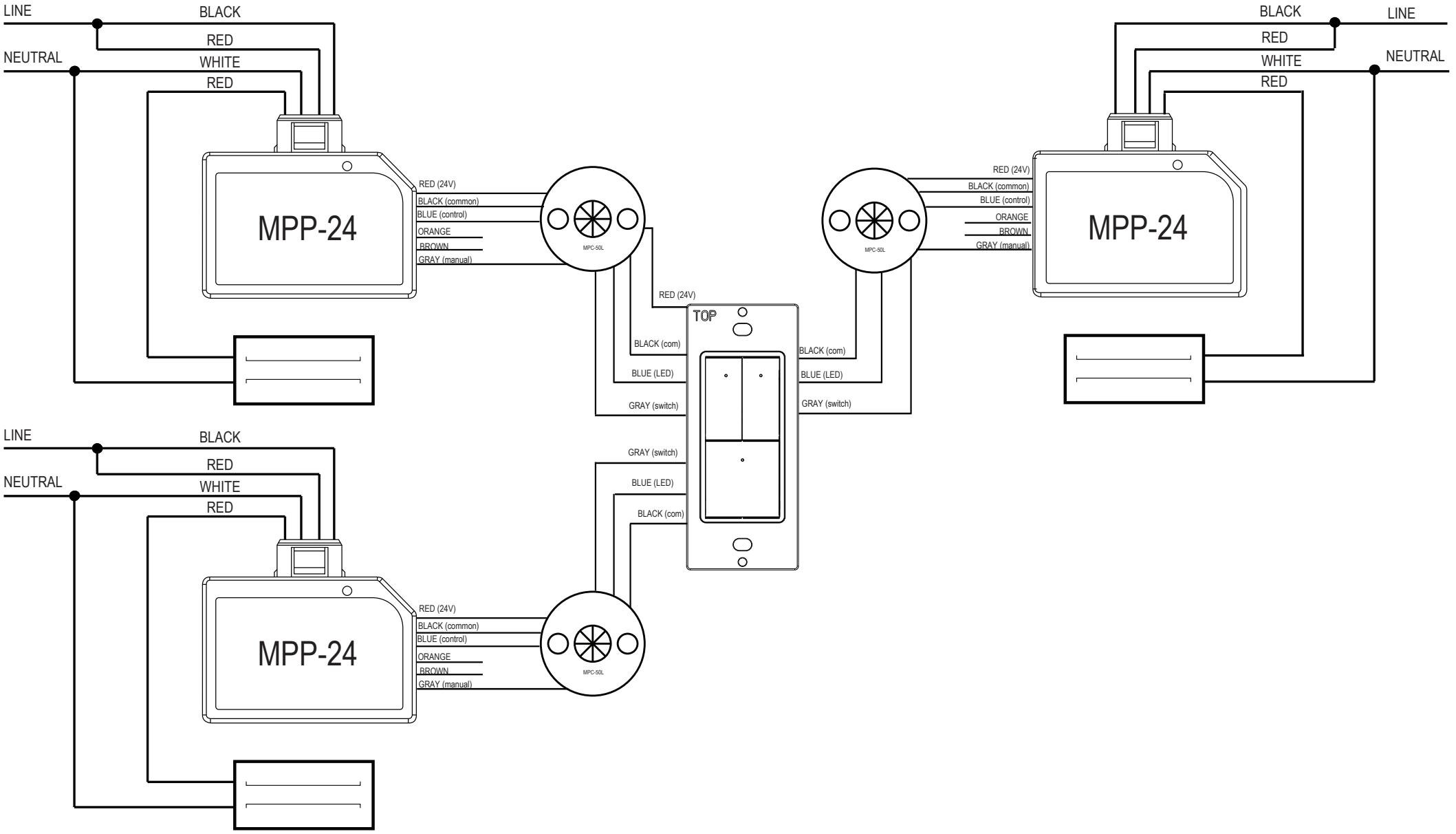
LVS-102 / MPP-24 (2X) / MPC-50L (2X)

2 separate zones



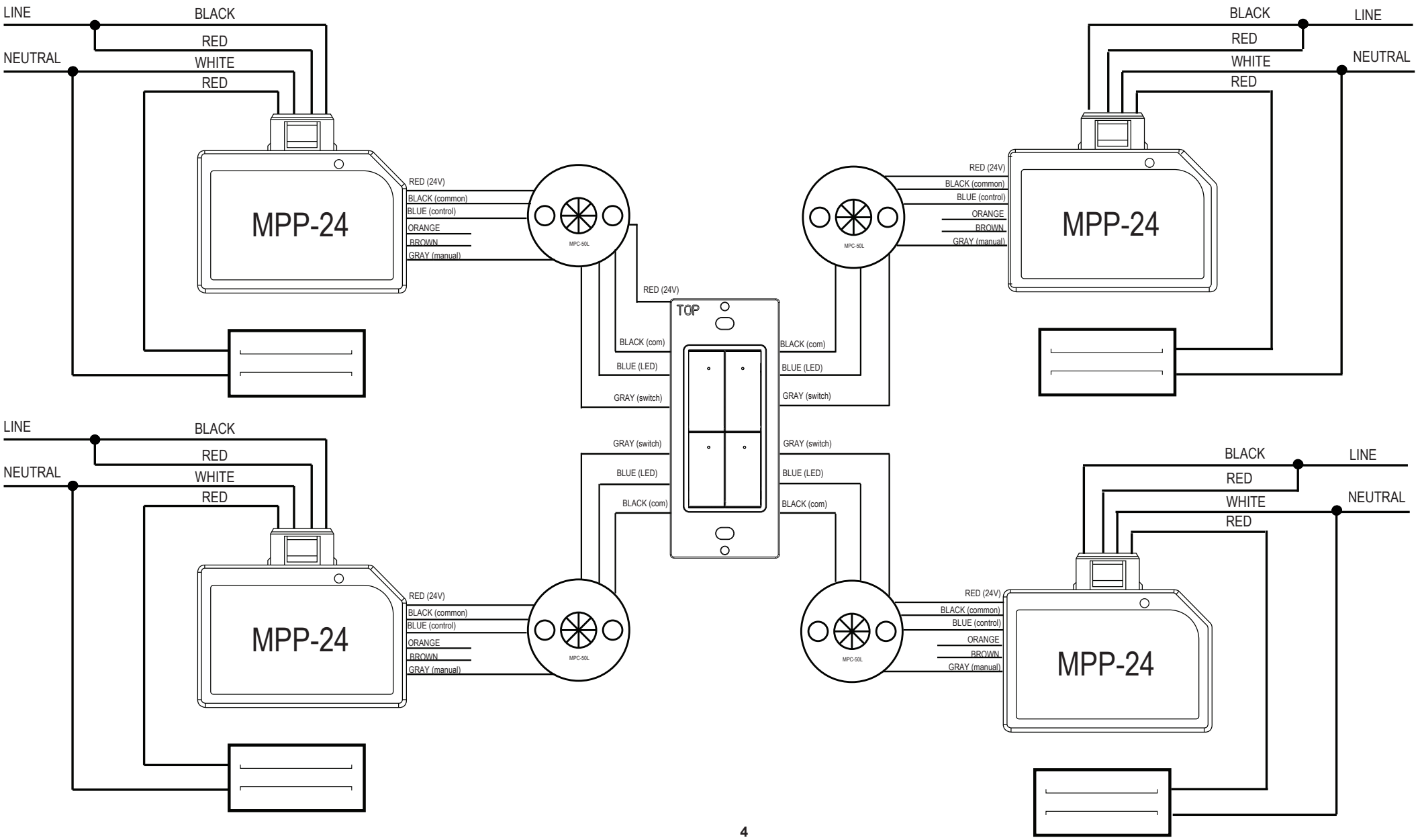
LVS-103 / MPP-24 (3X) / MPC-50L (3X)

3 separate zones



LVS-104 / MPP-24 (4X) / MPC-50L (4X)

4 separate zones



TROUBLESHOOTING

Load does not turn On. Sensor's LED does not flash regardless of motion:

1. Manual switch was activated prior to the sensor preset time delay. Push Manual On/Off Button to turn On the load
2. Set the jumper on the LVS to "Com".
3. Select the Occupancy position if "Auto ON" is what's desired.

The Load does not turn On when LED indicator flashes and motion is detected:

1. Switch may be in Vacancy mode. Select the OCC position if "Auto ON" is what's desired.
2. Push Manual On/Off Button to turn On the load

The Load does not turn Off:

1. Motion may be detected. The time delay constantly restarts its countdown after the last motion detected.
2. To verify proper operation, turn the Time Delay Knob to 15s (Test Mode) and make sure there is no motion (no LED flashing). Tape may be used to cover the fresnel lens while testing.
3. Check for significant heat source emitting within six feet (two meters) such as high wattage light bulb, portable heaters or HAVC vents. Check the wiring.

The Load turns on when its not desired:

1. Motion may be detected. The time delay constantly restarts its countdown after the last motion detected. To verify proper operation, set the Time Delay switches to 15s (Test Mode) and make sure there is no motion (no LED flashing). Tape may be used to cover the fresnel lens and ultrasonic cones while testing.
2. Check for significant heat source emitting within six feet (two meters) such as high wattage light bulb, portable heaters or HAVC vents.
3. If Manual operation of push-button is desired, select VAC mode on the Mode Switch.
4. If the sensor is installed in a small room, turn the Range dial lower to avoid false or unwanted detection from open window or door.

WARRANTY INFORMATION

This device is warranted to be free of material and workmanship defects for 2 years from the date of purchase. Original receipt or proof of purchase from an authorized retailer must be presented upon warranty claim. ALL claims must be verified and approved by Enerlites, Inc. Warranties from other Enerlites products may vary. This warranty is nontransferable and does not cover normal wear and tear or any malfunction, failure, or defect resulting from misuse, abuse, neglect, alteration, modification, or improper installation. To the fullest extent permitted by the applicable state law, Enerlites shall not be liable to the purchaser or end user customer of Enerlites products for direct, indirect, incidental, or consequential damages even if Enerlites has been advised of the possibility of such damages. Enerlites' total liability under this or any other warranty, express or implied, is limited to repair, replacement or refund. Repair, replacement or refund are the sole and exclusive remedies for breach of warranty or any other legal theory.

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