

Matrix Plus & Matrix Mini Plus - Installation Instructions

Models MP-XX & MMP-XX



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Please read all instructions prior to installation and keep for future reference!

1. Product should be installed by a qualified electrician.
2. Prior to installation ensure power is off at fuse box to prevent electrical shock.
3. Use only with Class 2 power unit. *Utiliser seulement avec Classe 2 unite d'alimentation electrique.*
4. Suitable for Damp Locations. *Convient Aux Emplacements Humides.*
5. For under-cabinet or shelf mount.

Attention: Always test Matrix Plus operation before installing. Connect Matrix to power supply to ensure it is working properly and no damage has occurred during shipping.

1 **NOTE** - Matrix can be cut into smaller sections. Matrix Plus can be cut to 9 section or 3 sections for Matrix Mini Plus. Refer to step 3 for details.

Remove the paper backing from the Matrix. Firmly press down onto the aluminum heat sink. Make sure there are no air bubbles that can cause surface irregularities. **If adhesive not sticking well to the surface. Reference step 4 to use the mounting hardware (not included).**

NOTE - When removing backing & laying LineLED to surface avoid ripples on LineLED.

2 **NOTE** - Plus-sign label on power feed wire cable indicates positive polarity. Non-marked wire cable indicates negative polarity.

If Matrix power feed is with a 72" wire leads, proceed to wiring with power supply. Otherwise, connect the Matrix power feed connector to the Matrix by sliding and securing end of Matrix power feed to male or female connector. **Secure by placing clip (CL-1) over the connector and secure using the two screws. Shown below**

NOTE - Provided 3-pin connector in the Matrix power feed can be removed to allow connection to female end of Matrix Plus. See second illustration below.

Align Matrix power feed connector pins with female end of Matrix and push-in to secure connection.

If Matrix has a male end, carefully remove the provided 3-pin connector from the Matrix power feed connector. Align Matrix power feed connector with male end of Matrix and push-in to secure connection.

Matrix power feed connector can be installed in any orientation concerning polarity since the center pin is positive and the two outer pins are negative.

Place the clip (CL-1) over the connector to secure in place

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3 **OPTIONAL:** Matrix Plus & Matrix Mini Plus can be cut into individual sections, and orientated in various ways. Cut Matrix Plus board in between the connectors to cut properly. Refer back to step 2 for wiring Matrix Plus properly.

Matrix Plus
individual Matrix section
reference lines for cutting Matrix Plus

4 **OPTIONAL:** When the adhesive tape is not sticking on to the surface properly. Use #0 screw size with an electrical insulating polypropylene plastic washer 0.065" ID, 0.188" OD. Insert the screw/washer through the Matrix Plus mounting holes to secure Matrix properly to surface.

Matrix Plus
screw
washer

5 **Always ensure power to power supply is off!** Follow diagrams to connect power feed wires to power supply. Refer to power supply instructions for wiring line voltage side.

24VDC class II power supply
PURPLE -
RED +
line voltage wires
low voltage wires
power feed wires from LineLED

Connect positive wire (plus sign tag or red wire) to RED low voltage wire from power supply. Also, connect negative wire (no tag or black wire) to PURPLE low voltage wire from power supply.

3-pin connector and 72" wire lead power feed wiring

OR

24VDC class II power supply
PURPLE -
RED +
line voltage wires
low voltage wires
power feed wires from LineLED

Connect positive middle wire (plus sign tag) to RED low voltage wire from power supply. Also, connect BOTH negative wires (no tags) to PURPLE low voltage wire from power supply.

field-cut connector power feed wiring

6 **Multiple powerfeed variations**

power supply
low voltage wires
Matrix Plus

power supplies at the end of run

power supply
low voltage wires
Matrix Plus

power supplies in the middle of run

power supply
low voltage wires
Matrix Plus

consecutive layout, NOT RECOMMENDED