

Double LB-BOX Installation Instructions

Step 1

1.1 Install a flexible metallic or EMT conduit electrical fitting onto one of the 2 holes of the bottom box enclosure, use the supplied knock out plug to blank out the other hole.

1.2 Pass all three incoming primary line conductor wire (#12 or 14 AWG) through the electrical connector into the box enclosure.

1.3 Pass all three outgoing primary line conductor which are coming from the power light source of the sign through the Electrobits Passtru that is attached to the upper switch box enclosure.



Step 1.2



Step 1.3

Step 2

Attach the incoming primary line green ground wire along with the outgoing primary line green ground conductor wire to the provided grounding ring that is located in the bottom LB-box enclosure. Please note that the outgoing primary line green ground conductor wire will need to be feed through the Electrobits Passtru that is located inside the LB-box enclosures.



Step 2 & 3.1

Step 3

3.1 Attach both incoming primary and outgoing secondary neutral conductor wire together inside of the bottom LB-box enclosure and secure them by using the appropriate size of electrical marret. Please note that the outgoing neutral conductor wire will need to be feed through the Electrobits passtru that is located inside of the LB-box enclosure.

3.2 Feed the incoming primary line (hot) conductor wire through the Electrobits passtru in order to be able to splice it to the selected toggle switch that is located in the top box enclosure. Snap back the blank cover onto the bottom LB-box, please note that you need to align the arrow located on cover with the arrow located on the bottom LB-box.

Step 4

4.1 Fasten the selected toggle switch onto the cover that has a hole and the ON - OFF markings.

4.2 Splice the incoming primary line (hot) conductor wire with the one located inline with the off position of the toggle switch.

4.3 Splice the outgoing secondary line (hot) conductor wire with the one located inline with the on position of the toggle switch



Step 4

Step 5

5.1 Snap back the cover with the toggle switch onto the top LB-box, please note that you need to align the arrow located on the cover with the arrow located on the top LB-box.



Step 5.1

5.2 Drill a 5/16 hole in the sign enclosure where the LB-box is to be mounted.

For securement of the LB-box system, please use the provided tab on the cover or you can also secure the LB-box by using the provided self taping screws and fasten the LB-box from the inside of the box using the provided guide holes.



Step 5.2