

TRANSMITTER INSTALLATION



No New Wires... No Batteries... No HassleSM

Transmitters

Lightning[®] Transmitters can be:

- a) installed on any generally flat surface, using the double-stick tape that is provided; or
- b) installed on a wall, etc., using the mounting screws that are provided with each Transmitter (for Small Plate Transmitters, the Transmitter Plate must be removed so that you can screw the Transmitter Base on the wall using the screw holes in the Base); or
- c) used as portable remote controls – carried in your pocket, purse, in your car, etc.; or
- d) left on a tabletop or in a drawer.

Removing/ Changing Transmitter Plates

The Transmitter "Plate" is the white/ivory/brown rectangular plastic piece that surrounds the Transmitter Button.

The Transmitter Base is the black plastic piece with the Transmitter Button mounted on one side.

Hold the Transmitter so that the silver colored square is at the upper right corner.

To remove a Transmitter from a Plate:

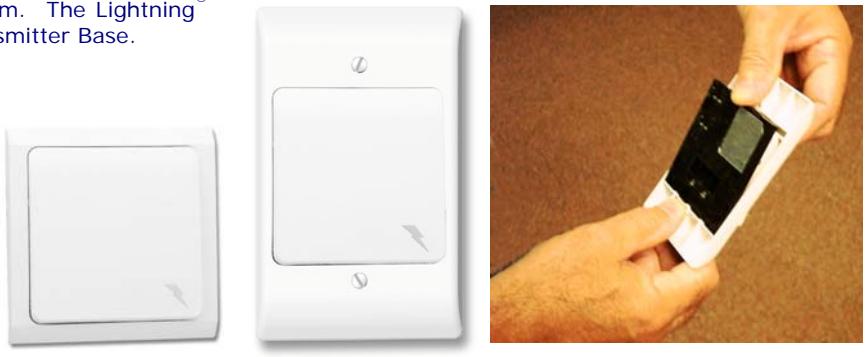
Using your hands as shown in the photo, flex or bow the top of the Plate slightly and push the upper edge of the Transmitter Base so that it pops out of the upper part of the Plate.

To insert a Transmitter into a Plate:

Insert the lower edge of the Transmitter Base into the Plate at an angle as shown in the photo. Be sure that the lower edge is fully seated, as shown. Then, using your hands as shown, flex or bow the top of the Plate slightly, and press the upper edge of the Transmitter Base into the upper part of the Plate. It will "snap" into place.

Note that both the Large and Small Plates are symmetric - they each have two "sides" and a top and bottom edge. Either of the curved edges of the Plate can be the top or bottom. The two sides of the Plate with near vertical walls are the left and right sides.

The Transmitter itself has a top and a bottom. The Lightning[®] logo is at the bottom right corner of the Transmitter Base.



Small Plate Transmitter

Large Plate Transmitter

*Changing the Plate on a Transmitter
(Large Plate Transmitter Shown)*

Mounting Transmitters

On wood or hard plaster walls:

Remove the Plate from the Transmitter Base and mark the locations of the four holes with a pencil. Drill pilot holes for the screws **using a 3/32"(soft materials) or 1/8" (hard materials) drill bit**.

Remove one side of the paper backing from the double-stick tape provided with your Transmitter, carefully align it with the Transmitter, and press it onto the back of the Transmitter. **Do not remove the backing paper from the double-stick tape on the side that faces away from the Transmitter (the side that faces the wall).** When used in conjunction with the mounting hardware, the double-stick tape acts as a spacer to separate the Transmitter base from the surface of the wall.

Screw the Transmitter firmly to the wall with the four mounting screws that are supplied in the kit. It is important to mount the Transmitter firmly.

Re-install the Plate onto the Base of the Transmitter. To do this, first press the Plate over the lower edge of the Transmitter Base, then press the top of the Plate onto the top of the Transmitter Base.

On hollow sheet rock walls:

Remove the Plate from the Transmitter and mark the locations of the four holes with a pencil. Drill pilot holes for the screws **using a 1/4" drill bit**.

Remove one side of the paper backing from the double-stick tape provided with your Transmitter, carefully align it with the Transmitter, and press it onto the back of the Transmitter. **Do not remove the backing paper from the double-stick tape on the side that faces away from the Transmitter (the side that faces the wall)**. When used in conjunction with the mounting hardware, the double-stick tape acts as a spacer to separate the Transmitter base from the surface of the wall.

Press the plastic screw anchors that were supplied in the kit into the four holes. Then screw the Transmitter firmly to the wall using the screws provided. It is important to mount the Transmitter firmly.

Re-install the Plate onto the Base of the mounted Transmitter. To do this, first press the Plate over the lower edge of the Transmitter Base, then press the top of the Plate onto the top of the Transmitter Base.

On glass or marble walls:

Each Transmitter kit contains extra-strong double-stick tape that's been pre-cut to fit the Transmitter Base.

Remove one side of the paper backing from the double-stick tape, carefully align it with the Transmitter, and press it onto the back of the Transmitter. Now remove the other paper backing from the double-stick tape and press it firmly onto the wall. The double-stick tape is very strong; make sure you have it where you want it before you press it in place.

Mounting Large Plate Transmitters:

Over a junction box:

Lightning®'s Large Plate Transmitters are designed to cover any single-gang junction box, where you would remove a common wired switch that you want to replace with the Lightning® system. To convert a simple overhead lamp with only a single existing wall switch to a 3-way or 4-way switch:

First cut off the electrical power at the circuit breaker or fuse box.

Then remove the switch cover plate, pull the mechanical switch out of the box and remove the two wires from the switch. Use a wire nut (not supplied) to permanently connect these two wires together. This will allow power to flow to the junction box over the lamp. If there is also a green (ground) wire, re-connect it to the Plate of the junction box, if the box is made out of metal, and to any other ground wires in the box. If the box is made out of plastic, simply cap off the green ground wire with a wire nut. If there are more than two wires connected to the switch, you have a more complex installation and you should consult an electrician.

Now (if the Lightning® Transmitter is not already assembled) install the Lightning® Transmitter Base into a Large Plate, then screw the Plate onto the junction box using the two machine screws with colored heads that were provided in the Large Plate kit. Use the machine screws to mount to a junction box, and use pointed screws to mount on a blank wall.

On a blank wall:

You can also mount a large-Plate transmitter directly on a wall. Mount the base as described above, then use two painted (pointed) screws and two anchors to mount the Plate to the wall.

Federal Communication Commission Interference Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.(Example - use only shielded interface cables when connecting to computer or peripheral devices).

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.