Lightning & Thunder Operator's Manual

Thank you for purchasing our new Lightning & Thunder layout accessory. Your new accessory uses a 5 1/4" dual-cone speaker with tweeter and two LED strips to simulate a thunderstorm on your layout (or anywhere else you'd like to use it).

Initial Set-up

Location of the base unit:
You can place the Lightning & Thunder accessory anywhere on your layout, but we recommend attaching it to the underside of your layout table. We have included four wood screws you can use to attach the accessory to your layout. We have also included a foam ring that should rest between the top of the speaker housing (the wider end with 37 holes), and the surface to which you attach the accessory. This provides more insulation for better sound. We also recommend creating a hole or holes in the table to let the sound through.

Power:
Please use wall power to power this accessory. Do not use your track power or you may encounter issues during operation. Locate the 12V AC adapter in the box. Connect one end to wall power, and the other end to the DC12V input on your Lightning & Thunder accessory.

Push Button:
You will use the included black push-button to operate the accessory. Please connect the two wires from the button to the two right-side terminals on the green terminal block located on the accessory. These terminals are labeled "BUTTON". It does not matter which wire you connect to which BUTTON terminal. Once you have connected the button to the accessory, use the provided wood screws to permanently affix the button to your layout table if you'd like.

LED Strips:
Your Lightning & Thunder accessory comes with two LED strips that simulate lightning on your layout. Initially, there is 30" of wire between the accessory and each strip, but you can increase this length without affecting function. To connect the LED strips, follow the guide printed on the accessory. Use the three terminals on the left side of the terminal block, and insert the red and black wires as directed. Be sure to tighten the screws on the terminal block to so the wires maintain a good connection. Remove the plastic backing from the LED strips to affix them to your location of choice.

Subwoofer Set-up:
The thunderstorm accessory will be plenty loud out-of-the-box, but for more realistic thunder sounds, we recommend you connect a subwoofer to the accessory. To connect a subwoofer (not supplied), use the supplied RCA cable and connect your subwoofer to the RCA input on the accessory. We have also included a Y-splitter cable if you want to use the Lightning & Thunder accessory simultaneously with the same subwoofer you use for BLI locomotives equipped with our new Rolling Thunder system. To do this, plug the male end of the Y-splitter cable into the subwoofer, then connect your standard RCA cables to the two female ends of the Y-splitter cable.