

DESCRIPTION:

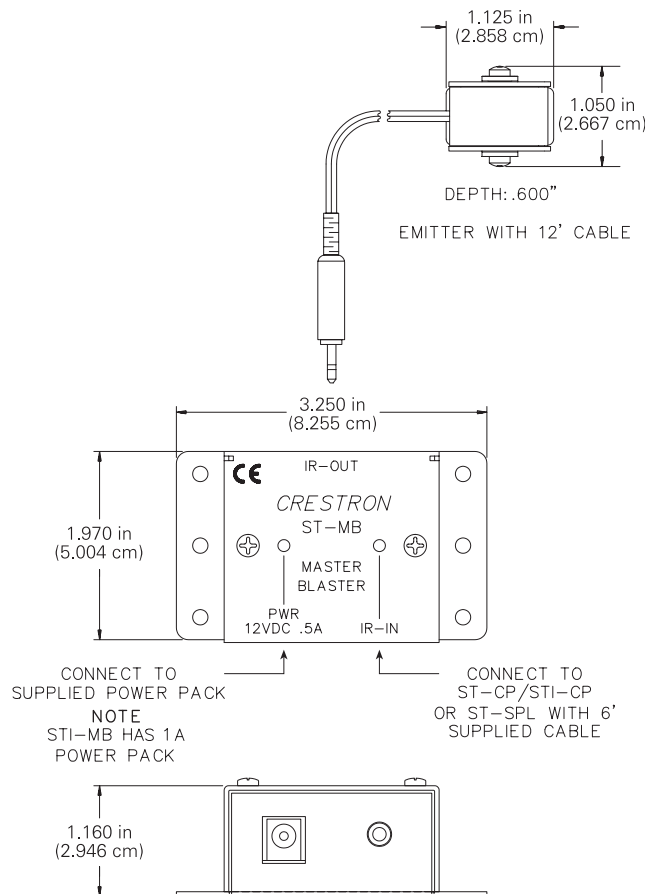
CRESTRON's master blaster is an infrared (IR) sprayer that receives an IR signal (IR-IN) and outputs or "sprays" the signal from its emitter for all controllable IR devices in the room. A single unit "sprays" an IR signal so that more than one IR device can be controlled from a single IR output port. IR transmission depends on equipment layout - angle and distance - from emitter.

There are two master blaster configurations available. Configuration selection is based on the type of power availability. Use the ST-MB with a 120V power supply and the STI-MB with a 220V power supply. For the purposes of this description, the term ST-MB is used for either configuration.

The ST-MB consists of two parts: a sprayer interconnect box and emitter assembly. The IR sprayer interconnect box attaches to the control processor (ST-CP/STI-CP) or splitter (ST-SPL) via a supplied six foot cable. The box receives its power from the supplied power pack. The emitter assembly consists of an emitter, mounting bracket with positioning screws, and a 12 foot hardwired cable that connects to the output (IR-OUT) port of the sprayer interconnect box.

NOTE:

When incorporating the ST-MB into your system, care must be used when programming, since all the devices controlled by a single ST-MB share the same ST-CP/STI-CP IR port.



INDICATORS:

There are two LED indicators located on the silk-screened panel of the sprayer interconnect box and one LED indicator on the emitter.

PWR (Power)

This green LED on the sprayer interconnect box illuminates when power is supplied to the ST-MB.

IR-IN

This red LED on the sprayer interconnect box flashes when the ST-MB receives an IR signal. The LED brightness depends on the duty cycle of the signal.

Emitter LED

This red LED located behind a plastic filter in the center of the emitter illuminates when the ST-MB outputs an IR signal. The LED brightness depends on the duty cycle of the signal.

MOUNTING:**Sprayer Interconnect Box**

At opposing sides of the ST-MB, the unit extends to form feet at a right angle to the side. There are three holes per foot for inserting screws (not supplied) to stabilize and mount the unit to a flat surface.

Emitter Assembly**NOTE:**

Each side of the emitter has three positioning holes that accept the supplied positioning screws. When attaching the emitter to the mounting bracket, choose the positioning holes that permit the emitter plastic filter to face the devices that need to be controlled.

The emitter assembly is shipped intact with the positioning screws in the center holes of the emitter. To mount the bracket, loosen and remove two positioning screws. Place the mounting bracket at the desired location and secure with three screws (not supplied). Secure emitter to mounting bracket with two positioning screws. Design of this assembly allows for pivoting of the emitter while in the mounting bracket.

