CC-IRC Axcess and Video Link IR Emitter Cable

Overview

The CC-IRC Axcess and Video Link IR Emitter Cable (FG10-000) adheres directly to the IR control window of your equipment by using clear two-sided tape to securely adhere the opaque shield. This “standard configuration” allows you to control your equipment either from either IR emitters or a hand-held remote control.

One black adhesive backed IR window shield (FIG. 3) is included. With this shield (surrounding the internal emitter), you can restrict IR reception through the device’s control window by blocking any interference or IR signals produced by sources other than the internal emitter. Without this shield, any incoming IR signal can pass through to the IR control window and overlap signals sent via the emitter (FIG. 1).

Pass-Through Configurations

This method allows IR signals generated from hand-held remotes to easily pass through the opaque red shell/cover. The internal IR LED can be oriented to either face towards or away from the shell (FIG. 1), depending on its output configuration.

Use the low-output configuration when device is being saturated by an IR signal.

Use the high-output configuration when the device isn’t receiving enough of an IR signal and requires more strength. The side with the round “bump” is the high-output side.

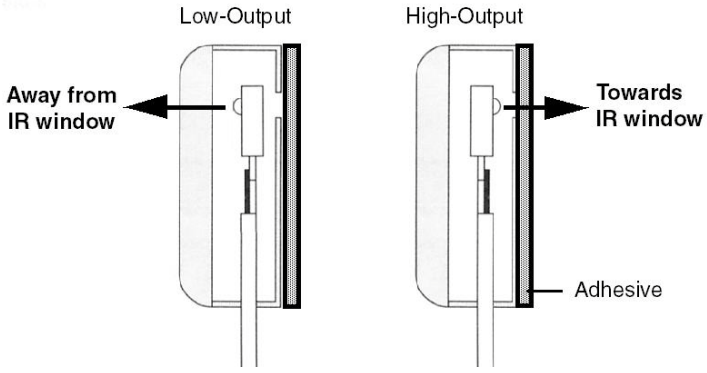

FIG. 1 Low-Output and High-Output sides

Removing the Factory-Installed Shell

The factory-installed shell is easily removed by carefully separating the two halves with a sharp-edged tool, such as an X-Acto™ knife.

The IR LED can then be reversed or removed when the shell is separated. Once the IR emitter and/or shield installations have been completed, the housing can be re-assembled by pressing the two halves firmly together (FIG. 2).

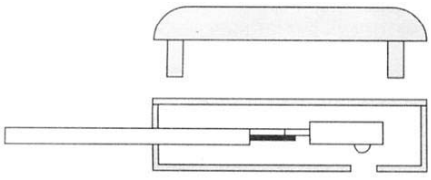

FIG. 2 Removing the Factory-Installed Shell

Shielded Configuration

Use this configuration to prevent interference from fluorescent lights or other IR sources. The metallic shield (FIG. 3) prohibits passage of external IR signals and ensures proper IR signals will be received from the emitter.

Opaque IR Window Shield

FIG. 3 Opaque IR Window Shell

1. Remove the IR LED from the factory-installed shell (FIG. 2).
2. Test fit the location and size of the IR shield (FIG. 3) on the target device. If necessary, use scissors to trim the shield to fit the opening of the IR window.
3. Remove the adhesive backing from the IR shield and carefully place the IR LED into the recessed area using the correct orientation (FIG. 1).
   Make sure the wires attached to the IR LED are not shorted together.
4. Flip the shield-emitter combo back over and begin to carefully position the shield over the IR control window so that it covers the entire surface (FIG. 4). This keeps any other signal from coming through.
5. Press firmly on the shield surface to activate the pressure-sensitive adhesive.

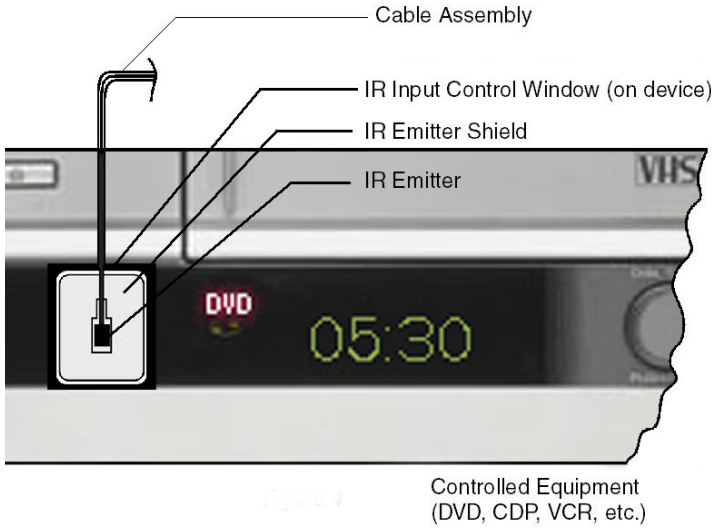

FIG. 4 CC-IRC Installation

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