Lumagen Tech Tip 9
IR Command Input

Introduction

The Radiance has an IR command input on the back panel. It is labeled as "Command TTL". This input can be connected to an IR emitter driver to send the RadianceXD IR commands.
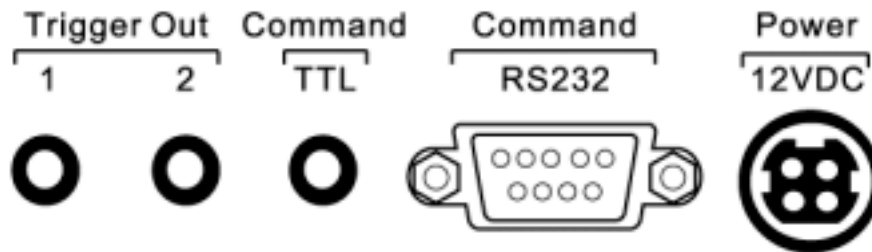

Figure 1. TTL input is used for IR commands

Use a 3.5mm Mono Plug, to connect IR signals to the RadianceXD, as shown in Figure 2. A 1/8″ Mono Plug will also work. Do not use a stereo plug.

Figure 2. Picture of 3.5mm Mono Plug

RadianceXD serial number less than 1570

Add an external resistor to the IR signal wire, from the IR emitter driver, as shown in Figure 3.

Figure 3. Drawing of 3.5mm Mono Plug with external resistor

RadianceXD serial number 1570 or higher

An external resistor is not required. Connect the IR emitter driver directly to the TTL input using a 3.5mm Mono Plug.