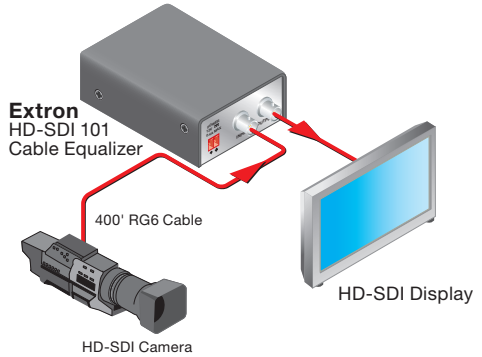


# Setup Guide — 3G HD-SDI 101

The Extron® 3G HD-SDI 101 cable equalizer compensates for signal degradation in coaxial cable and extends Serial Digital Interface (SDI) signals up to 500 feet (150 m), and High Definition SDI (HD-SDI) or Third Generation SDI (3G-SDI) signals up to 400 feet (120 m). It should be placed at the end of a long cable run and close to the output device.

**IMPORTANT:**  
Refer to [www.extron.com](http://www.extron.com) for the complete user manual and installation instructions before connecting the product to the power source.

**WARNING** *These instructions provide a quick setup guide for experienced installers. Installation and service must be performed by authorized personnel only.*



## Step 1

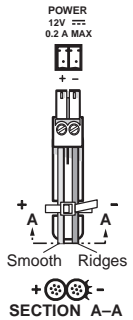
Turn all the equipment off and disconnect all cables.

## Step 2

Place the unit on a convenient table top or mount it in a rack, under a desk, or on a projector mounting system. Follow the instructions included with the appropriate mounting kit.

## Step 3

Connect the external 12 VDC power supply (provided) to the 2-pole captive screw power connector. When power is applied to the unit, the front panel LED lights green.



**CAUTION** *Voltage polarity is important. Identify the negative lead by the ridges on the side (see the figure at right).*

**CAUTION** *Always use a power supply specified by Extron for this unit. Use of an unauthorized power supply voids all regulatory compliance certification and may cause damage to the supply and the 3G HD-SDI 101.*

## Step 4

Connect the cable from the HD-SDI source to the female BNC input connector.

**NOTE** *For SDI signals, the maximum length from the signal source to the 3G HD-SDI 101 input is 500 feet (150 m). For HD-SDI signals, the maximum length from the signal source to the 3G HD-SDI 101 input is 400 feet (120 m). To obtain maximum cable lengths, Extron recommends the use of RG-6 type cable.*

## Step 5

Connect the cable from the HD-SDI display device to the female BNC output connector.

## Troubleshooting

If problems are encountered, verify that the cables are routed and connected properly.

If the problems persist, contact the [Extron Service Department](#).

Extron USA - West  
Headquarters  
+800.633.9876  
Inside USA / Canada Only  
+1.714.491.1500  
+1.714.491.1517 FAX

Extron USA - East  
+800.633.9876  
Inside USA / Canada Only  
+1.919.863.1794  
+1.919.863.1797 FAX

Extron Europe  
+800.3987.6673  
Inside Europe Only  
+31.33.453.4040  
+31.33.453.4050 FAX

Extron Asia  
+800.7339.8766  
Inside Asia Only  
+65.6383.4400  
+65.6383.4664 FAX

Extron Japan  
+81.3.3511.7555  
+81.3.3511.7556 FAX

Extron China  
+400.883.1568  
Inside China Only  
+86.21.3760.1568  
+86.21.3760.1566 FAX

Extron Middle East  
+971.4.2991800  
+971.4.2991880 FAX

68-1553-50  
Rev. A  
01 10