

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 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

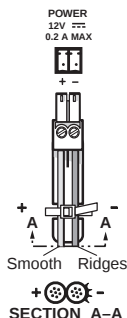
Place the unit on a convenient table top or mount it in a rack, under a desk, or on a projector mounting system. Follow the instructions included with the appropriate mounting kit.

Step 3

Connect the external 12 VDC power supply (provided) to the 2-pole captive screw 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

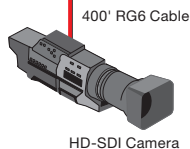
Connect the cable from the HD-SDI display device to the female BNC output connector.

Troubleshooting

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

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

Extron
HD-SDI 101
Cable Equalizer



HD-SDI Display

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**
+81.3.3511.7655
+81.3.3511.7656 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