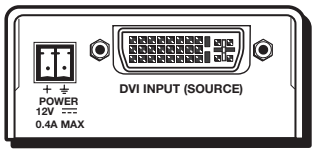
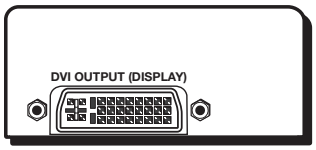
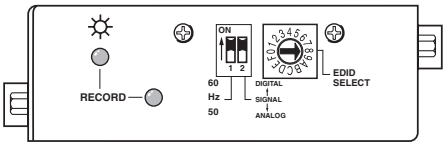
EDID 101 Setup Guide







IMPORTANT:
Refer to www.extron.com for the complete user manual and installation instructions before connecting the product to the power source.

This guide provides basic instructions for an experienced installer to operate and install the EDID 101. Where possible in the following pages, line drawings and photos from an actual installation are used to clarify steps discussed in the text. Where appropriate, images have one or more numbers corresponding to a specific instruction described.

The Extron EDID 101 is a standalone EDID Minder™ device that emulates EDID (Extended Display Identification Data) to a DVI (101D) or VGA (101V) source. It helps ensure the video source boots up correctly and constantly outputs video.

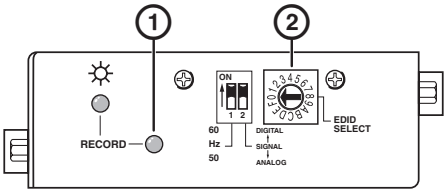
Step 1 — Configure the EDID 101

The EDID 101 should be configured prior to installation as it may be difficult to access after mounting or placing in the system. EDID can be recorded from a display or a pre-programmed EDID can be selected from Table 1.

To record and use a user recorded EDID (rotary switch position 0)

a. Turn the rotary switch (②) to position 0.

NOTE *The DIP switch positions have no effect in this mode.*



b. Apply power to the EDID 101 by connecting a power source. If power is not available from a video source, an external 12 VDC power supply can be used. The green LED will be lit when power is available.

c. Connect the display device to the **OUTPUT** of the EDID 101.

d. Power on the display device.

NOTE *Although the EDID 101 supplies 5 VDC to power the EDID circuitry of a display device, the display power should be on to ensure that data is being transmitted during the recording process.*

e. Press and hold the recessed record button (①) until the LED flashes red rapidly, then release the button. The LED continues to flash red, then returns to steady green when the EDID data has been stored. The display can now be disconnected.

NOTE *If an external power supply was used, it can now be disconnected.*

f. The EDID 101 has now been configured. Continue to Step **2**.

To use a pre-programmed Extron EDID (rotary switch positions 1-F)

NOTE *Configuring the EDID 101 rotary and DIP switches allow a user to select a pre-programmed EDID based on the native rate of a display (i.e. 1280x1024 @ 60 Hz) and signal type (i.e. digital), but does not necessarily force a video source to output that rate. Since EDID is not limited to reporting a single video rate (i.e. the native rate), each Extron EDID also lists other common video rates for use by the video source.*

a. Choose a resolution from table 1 based on the native resolution of the display device. Note the corresponding rotary switch position.

b. Set the the rotary switch (②) to the position (1-F) selected previously. The switch will click as each position is selected.

NOTE *When using a dual link DVI display with the EDID 101D, (position F), two resolutions will be shown to the source, 1280x800 and 2560x1600.*

Rotary Switch Position	Resolution
0	user recorded EDID
1	800x600
2	1024x768
3	1280x720
4	1280x768
5	1280x800
6	1280x1024
7	1360x768
8	1366x768
9	1400x1050
A	1440x900
B	1600x1200
C	1680x1050
D	1920x1080
E	1920x1200
F	**Digital:** Dual Link **Analog:** Not used

Table 1 — Rotary Switch position

c. Set the first DIP switch to the desired vertical frequency (default is ON, 60 Hz).

d. For the EDID 101D, set the second DIP switch to the DVI input signal format, digital or analog. The switch is not used on the EDID 101V.

e. The EDID 101 has now been configured for the selected parameters. Continue to step **2**.

Step 2 — Mount the EDID 101

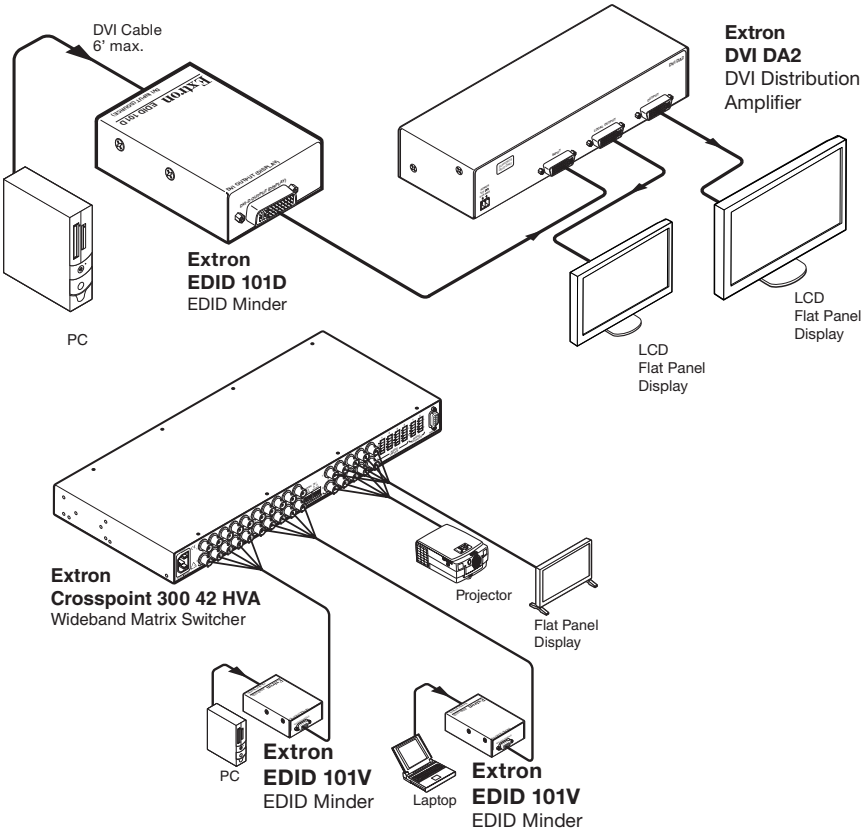
The small footprint of the EDID 101 and the ability to be powered through DVI or VGA cables connected to a PC or laptop simplify installation. Mount the device as required.

Step 3 — Connect the EDID 101

a. Connect a DVI (101D) or VGA (101V) cable from the source to the EDID 101 **INPUT**.

b. Connect a DVI (101D) or VGA (101V) cable from the EDID 101 **OUTPUT** to the display or distribution system.

NOTE *The EDID 101 is a pass-through device and should be located as close to the input source as possible. The total length of DVI cabling, including input and output cables, connected to the EDID 101D should not exceed maximum recommended lengths for standard DVI applications.*



Step 4 — Confirm power

Turn on the video source.

When the DVI or VGA source is on, the EDID 101 LED lights green, indicating power is being received.

NOTE *During normal operation the EDID 101 can be powered using +5 VDC from pin 9 of a DDC compliant VGA source (101V) or pin 14 of a DVI source (101D).*

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