

## The Kramer SID-VGA UXGA Step-In Commander

Congratulations on purchasing your Kramer DigiTOOLS® **SID-VGA UXGA Step-In Commander** which is ideal for boardrooms and presentation rooms.

The Kramer **SID-VGA** is a VGA (up to UXGA) and unbalanced stereo audio remote control panel that is used to remotely take control of a compatible switcher, for example, the **VP-81SID**.

[Figure 1](#) and [Table 1](#) define the **SID-VGA UXGA Step-In Commander**.

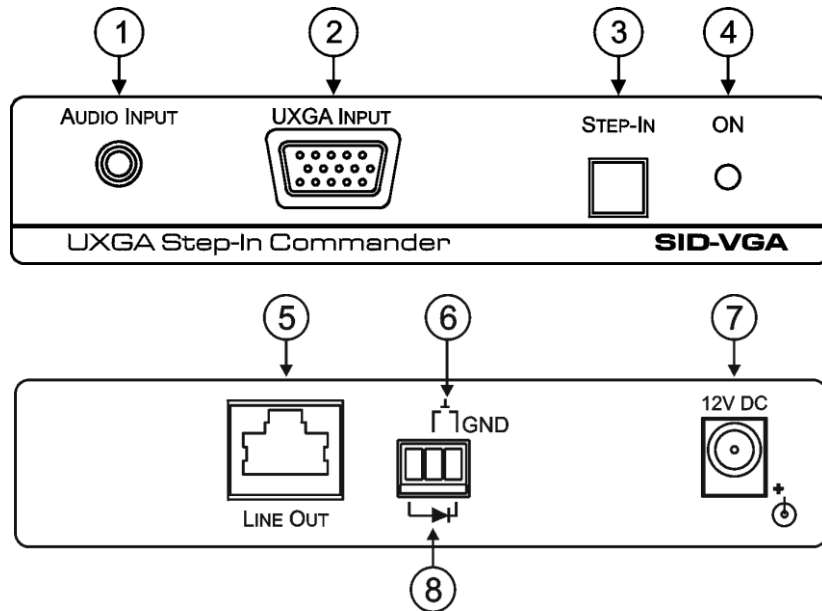


Figure 1: SID-VGA UXGA Step-In Commander Front and Rear Panel

Table 1: SID-VGA UXGA Step-In Commander Front and Rear Features

#	Feature	Function
1	AUDIO INPUT 3.5mm Mini Jack	Connect to the unbalanced stereo audio source
2	UXGA INPUT 15-pin HD Connector	Connect to the VGA video source
3	STEP IN Button	Press to switch the input to this remote control commander. The button lights when active
4	ON LED	Lights green when the unit receives power
5	LINE OUT Twisted Pair RJ-45 Connector	Connect to the TP input of a compatible switcher (for example, the <b>VP-81SID</b> ) using CAT 6 or higher specification cable
6	Remote Switch Terminal Block Connections	Connect to the remote step-in switch
7	12V DC Power Connector	Connect to the power adapter
8	Remote LED Terminal Block Connections	Connect to the remote LED (observe correct polarity as shown in the graphic)

[Figure 2](#) illustrates how to connect the **SID-VGA** to a source and switcher.

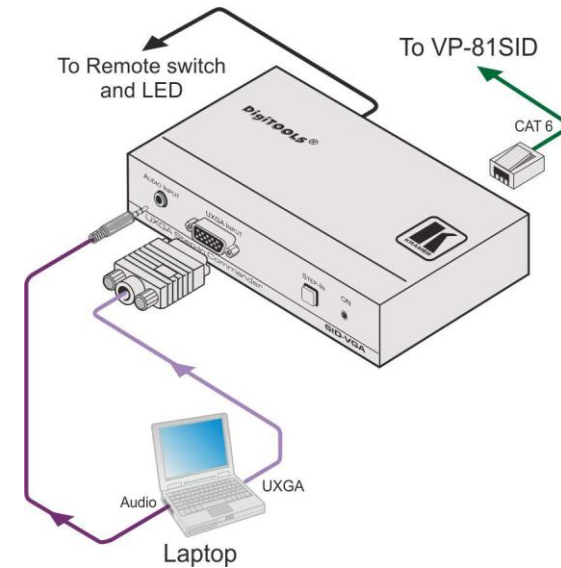


Figure 2: SID-VGA Wiring Connections

To connect the **SID-VGA** as illustrated in [Figure 2](#):

1. Connect the VGA video source (for example, a computer graphics source) to the VGA connector on the front panel of the **SID-VGA**.
2. Connect the unbalanced stereo audio source (for example, a computer graphics source) to the 3.5mm mini jack AUDIO INPUT connector on the front of the **SID-VGA**.
3. Using STP cable, connect the LINE OUT RJ-45 connector on the rear panel of the **SID-VGA** to one of the inputs on the rear panel of the **VP-81SID** (up to 50m away).
4. Optional—Connect the terminal block on the rear of the **SID-VGA** to the remote switch and LED.  
**Note:** The LED supply includes a current limiting resistor and is designed to work with any standard LED.
5. Connect the power adapter to the 12V DC connector on the rear of the **SID-VGA** and to the mains electricity.

## Performing a Phase Calibration

In the event that there is noise visible on the picture, you should perform a phase calibration.

### To perform a phase calibration:

1. Press the Step-In button to ensure that the SID-VGA is the active input.  
The Step-In button lights.
2. Press and hold the Step-In button.  
The phase calibration pattern is displayed.
3. Release the Step-In button as soon as the noise disappears.

## Technical specifications

Technical specifications of the **SID-VGA** are shown in [Table 2](#).

Table 2: Technical specifications<sup>1</sup> of the SID-VGA UXGA Step-In Commander

INPUTS:	Video: 1 VGA (up to UXGA) on a 15-pin HD (F) connector Audio: 1 unbalanced stereo audio on a 3.5mm mini jack
OUTPUT:	TP on an RJ-45 Ethernet connector
STEP-IN COMMANDER DISTANCE:	50m (164ft) up to 1080p @60Hz
POWER CONSUMPTION:	12V DC, 380mA
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F)
HUMIDITY:	10% to 90%, RHL non-condensing
DIMENSIONS:	12cm x 7cm x 2.4cm (4.7" x 2.76" x 0.94") W, D, H
WEIGHT:	0.3kg (0.66lbs) approx
ACCESSORIES:	Power supply



# SID-VGA UXGA Step-In Commander Installation Instructions

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For the latest information on our products and a list of Kramer distributors, visit our Web site at [www.kramerelectronics.com](http://www.kramerelectronics.com)

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