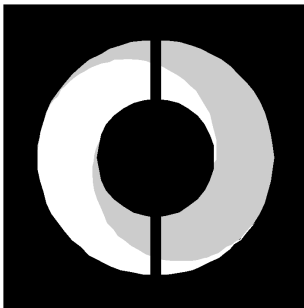
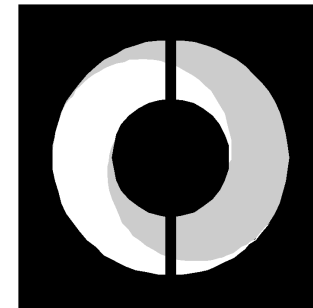


CVD 9902

VGA Distribution Amplifiers



C O V I D



C O V I D

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User's Manual

DISCLAIMER

The information contained in this document is subject to change without notice.

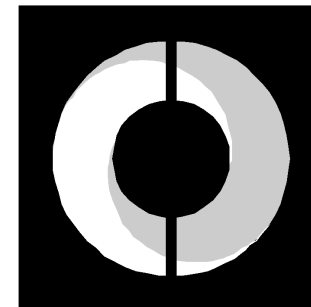
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CVD 9902

***1 Input, 2 Output
VGA Distribution Amplifier***

**A Simple Solution for Distributing A Single
VGA Source to Several Displays**



C O V I D

General Specifications

CVD 9902 1 IN, 2 OUT VGA DISTRIBUTION AMPLIFIER

INPUT:

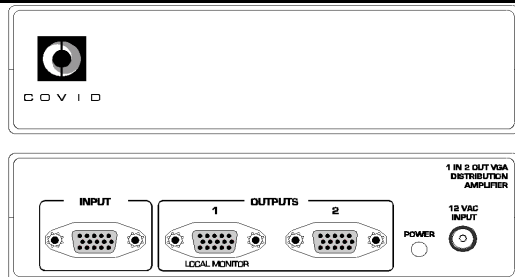
Signal: Analog RGBHV, RGBS, RGsB, RsGsBs
 Connectors: (1) HD-15
 Video Impedance: 75 Ohms
 Video Level: 0.5 – 1.4 Vpp
 Sync Level: TTL
 Sync Polarity: + / -

OUTPUT:

Signal: Follows Input
 Connectors: (2) HD-15
 Video Impedance: 75 Ohms
 Video Signal Level: Follows Input
 Sync Impedance: 24 Ohms
 Sync Level: Follows Input
 Sync Polarity: Follows Input
 Bandwidth: 350 MHz

PHYSICAL SPECIFICATIONS

DIMENSIONS: 1U High
 (in) 1.75 H x 6.375 W x 6.00 D
 (cm) 4.45 H x 16.19 W x 15.24 D
 ENCLOSURE: Aluminum, Black, Texture Finish
 WEIGHT:
 Net: 1.0 lb. / 0.45 kg
 POWER:
 Input: 110 or 120 VAC Wall Mount,
 12 VAC, 1A, UL
 Dissipated: 2 Watts



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Introduction

Thank you for purchasing a CVD 9902 VGA distribution amplifier. Covid's CVD 9902 provides a simple solution for distributing a single source to several displays. The CVD 9902 may be used to distribute computer signals to multiple displays, or to boost signal strength over long coax runs. Some of the features of the CVD 9902 video distribution amplifiers include:

- HD-15 Connectors on Inputs and Outputs
- TTL Sync Levels
- 350 MHz Bandwidth
- Local Monitor Output
- Individually Buffered Outputs

User Instructions

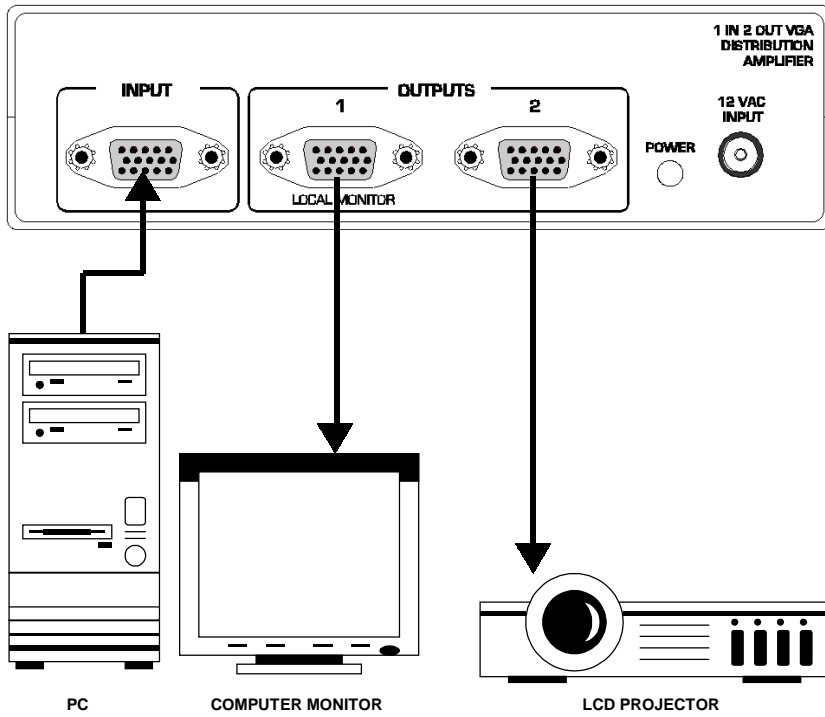
Acceptable Formats

There are several acceptable input formats. The output follows the input format. They are the following:

INPUT FORMAT	OUTPUT FORMAT
RGBHV	RGBHV
RGBS	RGBS
RGsB	RGsB
RsGsBs	RsGsBs

Covid offers a wide variety of high quality computer cables for your application needs.

Typical Configuration

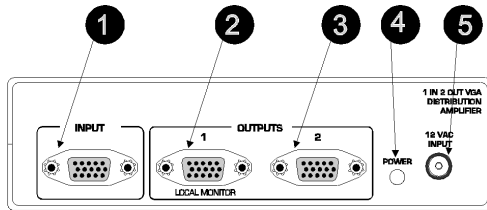


Panel Descriptions



FRONT PANEL LAYOUT

Panel Descriptions



REAR PANEL LAYOUT

REAR PANEL

1. **INPUT:** HD-15 Connector accepts the input signal.
2. **LOCAL OUTPUT:** HD-15 connector provided for the local monitor. All ID bits are connected from the input.
3. **OUTPUT:** HD-15 Connectors are provided to connect to display devices.
4. **POWER ON LED:** LED will light when power is applied to the device.
5. **AC IN:** Power in accepts 12 VAC from a Wall Mount power cube.

Operational Setup

Turn off all equipment before connecting or removing cables.

1. Connect the video source signals to the input. Connect the monitor to the output labeled local monitor.
2. Connect the video outputs to the displays.
3. Power up the unit and check power on LED indicator.
4. The unit is now operational. Turn on your video source and finally the display monitors.