

SPECIFICATIONS

Input Signal

Video .. 15.7 NTSC, S-Video or Composite Video
 .. 15.6 PAL/SECAM, S-Video or Composite
 .. Video
 RGB .. 15.7 kHz (Targa Style)
 VGA .. 31.5 kHz, 640 x 480
 .. Pass-through

Output Signal

VGA .. 640 x 480, 31.5 kHz / 60 Hz

Connectors

Composite Video .. RCA
 S-Video .. 4-pin mini-DIN
 RGB .. 9-pin (Male)
 VGA Input .. 15 pin HD (Male)
 VGA Output .. 15 pin HD (Female)
 Audio .. 2.5 mm phone jack (Female)
 Power Supply .. 100-240 V 50/60 Hz
 .. (auto-switchable)
 Dimensions .. 9.75" W x 7.0" D x 1.75" H
 .. 25cm W x 18cm D x 4.4cm H
 Enclosure .. High-impact plastic
 Shipping Weight .. 6 lbs. (2.7 kg)
 Warranty .. Two years, parts & labor

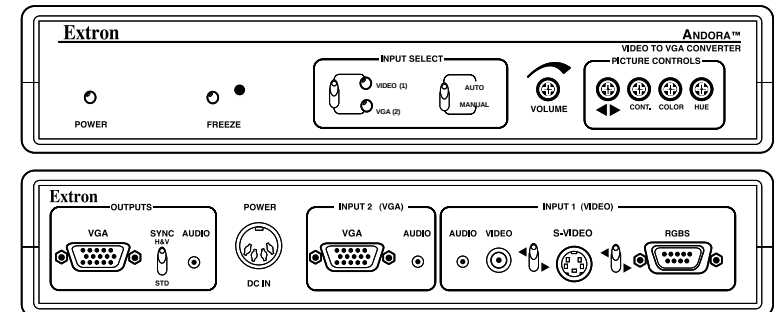
Andora Part Number

115/230 volt: .. 60-144-01

Accessories

Andora 9' .. 26-161-03
 Targa 6' HR .. 26-362-01
 S-VHS-BNC Adapter .. 26-353-01
 SY VGA .. 26-173-01

User's Guide



ANDORA SCAN DOUBLER

EXTRON'S **ANDORA™** is a dual input, Multimedia, auto-switcher that is both VGA and Video (NTSC/PAL/SECAM) compatible. Manual or automatic selection of VGA or Video (Composite, S-Video or 15.7 kHz RGB) provides input video and stereo audio (if used) to the Andora.

The built-in "autoswitch" feature of ANDORA allows both the standard VGA Compatible PC and a video source such as a VCR, laser Disc, Cable TV or off-air video signal to be automatically selected on the VGA display. So, ANDORA not only outputs a higher quality video signal than is input, but also allows the desktop VGA display to still be utilized in the "Multimedia" system.

Because ANDORA converts the incoming video to a standard VGA 640 x 480 analog signal, an industry standard VGA or Super VGA display monitor, projector or LCD Panel will be capable of displaying full-motion video, on demand.

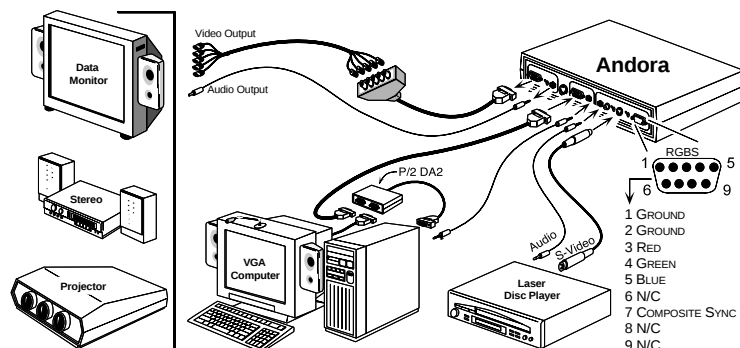
The Andora ships with a VGA to BNC adapter plus S-Video and RCA (video) cables.

Installation

1. Power off the computer system and disconnect the monitor.
2. Connect the supplied VGA cable from the computer to the VGA Input (2). A P2DA2 distribution amplifier may be required as shown in the Connection Diagram below. Connect stereo audio, if desired.
3. Connect one video source (only one) to Input 1 using either the RCA (composite video), S-Video (S-VHS) or RGBS 9 pin connector. A Document Camera or similar RGBS input device may be connected to the RGBS connector with an optional 6' long cable (PN #26-362-01). Connect stereo audio, if desired. Use the table to the right to set up the Input 1 Switches. An X identifies the connector that the switch settings apply to.
4. Connect your 640 x 480 compatible PC monitor (or output device, such as an LCD or Projector) to the VGA output and choose the desired sync option (H&V = Separate H&V Sync, STD = Composite Sync). Note: VGA monitors require H&V Sync.
5. Plug in the ANDORA power supply and power up the system!

VIDEO FORMAT ↓	VIDEO	S-VIDEO	RGBS
COMPOSITE	X	UP	UP
S-VIDEO	DOWN	X	UP
RGBS	UP OR DOWN	DOWN	X

Use the front and rear panel component descriptions on the facing page as an aid to operating the Andora.



Front and Rear Panels

Match the letters next to the following descriptions to the circled letters in the panel drawings below to locate described Andora front and rear panel components.

- A Power LED** - When ON, indicates ANDORA is receiving power.
- B Freeze Push Button Switch** - Selects or releases (toggles) "freeze frame" mode.
- C Freeze LED** - ON when the output image is in the "freeze frame" mode.
- D Video/VGA Switch** - In Manual mode, selects Video (Input 1) and audio or VGA (Input 2) and audio.
- E VGA (2) LED** - When on, indicates VGA (Input 2) is selected.
- F Video (1) LED** - When on, indicates Video (Input 1) is selected.
- G Auto/Manual Switch** - In the Manual position, the input Video/VGA switch is active. In the Auto position, whichever input (1 or 2) that has a signal will automatically be selected. If a signal is present on both inputs, Input 1 (Video) is the default.
- H Volume Control** - Adjusts the output stereo audio level.
- I Horizontal Shift** - Shifts the image to the left or right on the screen.
- J Contrast Control** - Adjusts the contrast of the image on the screen.
- K Color Control** - Adjusts the color level (color intensity) of the image on the screen.
- L Hue Control** - Adjusts the hue (tint) level of the image on the screen.
- M VGA Output Connector** - Standard female 15-pin HD VGA connector.
- N Sync Switch** - Output sync, H&V = separate H&V sync, STD = composite sync.
- O Audio Output Connector** - Mini phone jack for output audio.
- P Power DC IN Connector** - Four pin Power connector for DC voltages from external power supply.
- Q Input 2 VGA Connector** - Standard male 15-pin HD VGA connector.
- R Input 2 Audio Connector** - Mini phone jack for input 2 audio.
- S Input 1 Audio Connector** - Mini phone jack for input 1 audio.
- T Input 1 Video Connector** - RCA connector for composite video input.
- U Input 1 Video/S-Video Switch** - Active only w/switch W up, up = composite video, down = S-Video
- V Input 1 S-Video Input Connector** - Four pin S-Video mini-DIN connector.
- W Input 1 S-Video/RGBS Switch** - Switch up = See U, down = RGBS video.
- X Input 1 RGBS Connector** - Standard 9-pin D male connector accepts RGBS input from Document Camera or similar device. See RGBS connector pin assignments in Connection Diagram on facing page.

