

MAX-GA33A/P

3X3 VGA/STEREO AUDIO MATRIX SWITCHERS

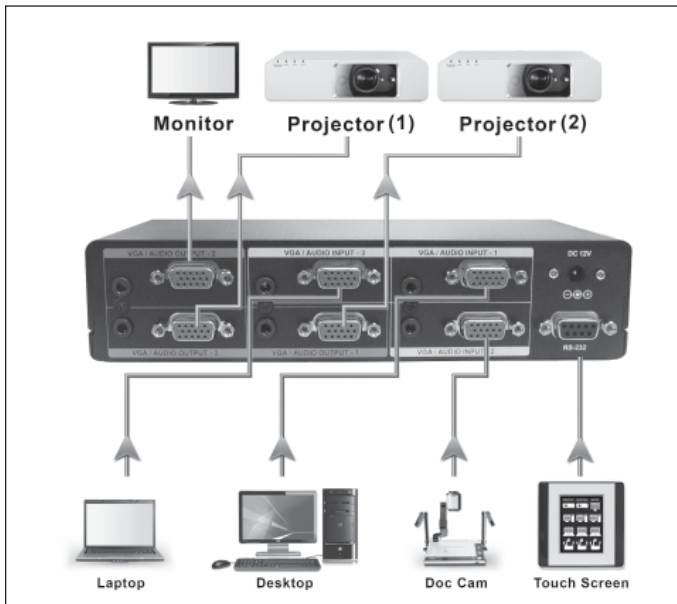


DESCRIPTION

The ABTUS MAX-GA33A/P receives and amplifies up to 3 VGA/Audio inputs, perfectly switches the desired input to any three VGA equipped monitor or projector which enables the broadcast of multiple VGA/Stereo Audio outputs to multiple displays. Any one of the inputs can now be broadcasted to any one or all of the outputs without introducing noticeable video quality distortion.

The Matrix supports VGA video bandwidth up to a total of 900MHz (R+G+B) which support the longest transmission up to 50 meters. Therefore, MAX-GA33A/P offers the most convenient and cost effective means for swift switch of high quality PC graphic with crystal clear audio in the market.

With RS-232 equipped, switching through front panel push button or with an external touch control system as shown and control becomes versatile and easier.



TYPICAL APPLICATIONS

Any Projection or display system that required broadcasting of multiple computer's audio and video outputs to multiple displays:

- Schools (Lab, hall & etc)
- Churches
- Cooperate (Funfion Room)
- Rental
- Exhibition
- Shown room

****Note:** Because the quality of the cables has the major effect on how long the transmission limit can achieve and how good is the received picture quality, the actual transmission range is subject to one's choice of cables.

FEATURES

- High bandwidth up to 900MHz (R+G+B)
- Front panel button control
- Compatible formats: RGB, YPbPr or RGBHV
- RS-232 I/O allows control from any third party central control system

TECHNICAL SPECIFICATION

	Signal Type	Connector Type
INPUT:	3 x VGA 3 x Stereo Audio	15pin D-Sub female 3.5mm mini jack
OUTPUT:	3 x VGA 3 x Stereo Audio	15pin D-Sub female 3.5mm mini jack
CONTROL PORT:	1 x RS-232	9pin D-Sub female
VIDEO BANDWIDTH:	900 MHz (R+G+B)	
VIDEO SUPPORT:	UXGA (1600x1200 @60)	
AUDIO SUPPORT:	Analog Stereo	
POWER SUPPLY:	12V DC 1A	
OPERATION TEMPERATURE:	0~40°C [32~104°F]	
STORAGE TEMPERATURE:	20~60°C [-4~140°F]	
RELATIVE HUMIDITY:	20~90%RH [no condensation]	
DIMENSION:	200 x 116 x 45.5mm	
WEIGHT:	800g	

* Specifications are subject to change without notice.

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MAX-GA42A/P

4X2 VGA/STEREO AUDIO MATRIX SWITCHERS

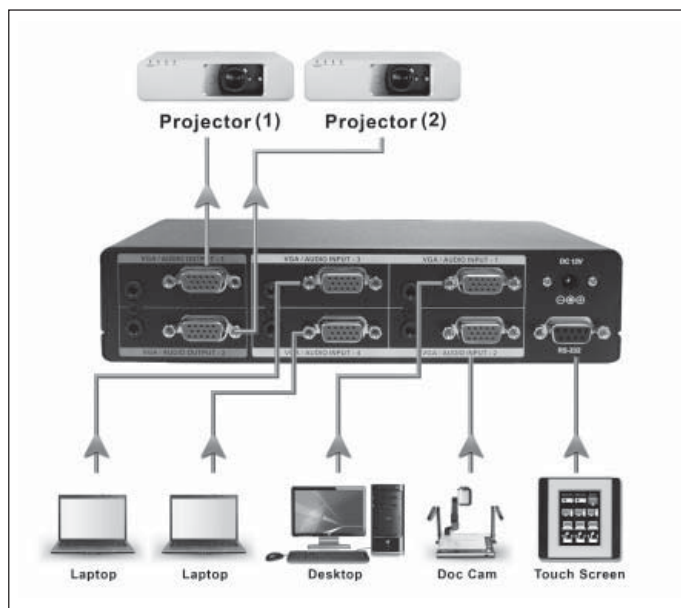


DESCRIPTION

The ABTUS MAX-GA42A/P receives and amplifies up to 4 VGA/Audio inputs, perfectly switches the desired input to any four VGA equipped monitor or projector which enables the broadcast of multiple VGA/Stereo Audio outputs to multiple displays. Any one of the inputs can now be broadcasted to any one or all of the outputs without introducing noticeable video quality distortion.

The Matrix supports VGA video bandwidth up to a total of 900MHz (R+G+B) which support the longest transmission up to 50 meters. Therefore, MAX-GA42A/P offers the most convenient and cost effective means for swift switch of high quality PC graphic with crystal clear audio in the market.

With RS-232 equipped, switching through front panel push button or with an external touch control system as shown and control becomes versatile and easier.



TYPICAL APPLICATIONS

Any Projection or display system that required broadcasting of multiple computer's audio and video outputs to multiple displays:

- Schools (Lab, hall & etc)
- Churches
- Cooperate (Funtion Room)
- Rental
- Exhibition
- Shown room

****Note:** Because the quality of the cables has the major effect on how long the transmission limit can achieve and how good is the received picture quality, the actual transmission range is subject to one's choice of cables.

FEATURES

- High bandwidth up to 900MHz (R+G+B)
- Front panel button control
- Compatible formats: RGB, YPbPr or RGBHV
- RS-232 I/O allows control from any third party central control system

TECHNICAL SPECIFICATION

	Signal Type	Connector Type
INPUT:	4 x VGA 4 x Stereo Audio	15pin D-Sub female 3.5mm mini jack
OUTPUT:	2 x VGA 2 x Stereo Audio	15pin D-Sub female 3.5mm mini jack
CONTROL PORT:	1 x RS-232	9pin D-Sub female
VIDEO BANDWIDTH:	900 MHz (R+G+B)	
VIDEO SUPPORT:	UXGA (1600x1200 @60)	
AUDIO SUPPORT:	Analog Stereo	
POWER SUPPLY:	12V DC 1A	
OPERATION TEMPERATURE:	0~40°C [32~104°F]	
STORAGE TEMPERATURE:	20~60°C [-4~140°F]	
RELATIVE HUMIDITY:	20~90%RH [no condensation]	
DIMENSION:	200 x 116 x 45.5mm	
WEIGHT:	800g	

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MAX-GA84A/P

8X4 VGA/STEREO AUDIO MATRIX SWITCHERS



DESCRIPTION

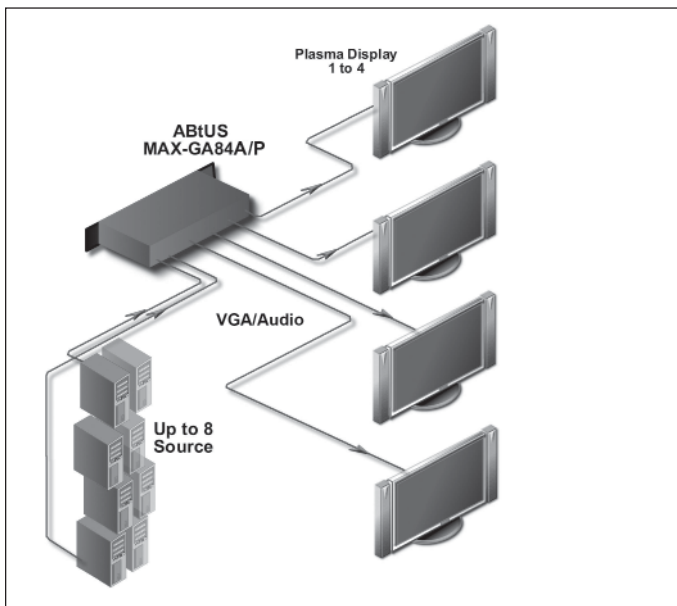
The ABtUS MAX-GA84A/P Matrix is specially designed for computer and workstation applications. Up to 8 VGA/SVGA/XGA/UXGA graphic input can be split or route to any 1 or up to 4 output with no discernible signal degradation. State-of-the-art power management circuitry makes MAX-GA84A/P the first choice signal distributor. With its high signal bandwidth of 900MHz identical high defined output can be achieved throughout.

FEATURES

- With the 8 Input arrangements, any of the 8 video/audio sources can now be the selectively amplified and distributed with high transparency even for high-resolution VGA modes like UXGA to any of the 4 display panels. It is ideal for presentation systems requiring 8 VGA sources with a local monitor and/or up to 4 different display units.
- Compatible with all monitors, projectors, HDTVs and flat panel displays

TECHNICAL SPECIFICATION

INPUT:	8 x VGA D-Sub 15 pin Female connector, 8x3.5mm block connector for balance/un-balance audio
OUTPUT:	4 x VGA D-Sub 15 pin Female connector, 4x3.5mm block connector for balance/un-balance audio
COM PORT:	1 x 9 pin D-Sub Female connector
BANDWIDTH:	(-3dB) 900MHz
MAX RESOLUTION:	1600 x 1200
SIGNAL TYPE:	VGA, SVGA, XGA, UXGA, Multi sync
CABLE LENGTH (INPUT):	1 to 3 meter
CABLE LENGTH (OUTPUT):	1 to 50 meter [* Depending on cable rating]
HOUSING:	Metal
DIMENSION:	430 x 240 x 44 mm
WEIGHT:	1350g
ACCESSORIES:	Power cord
POWER SOURCE:	100 to 230 VAC, 50/60Hz



TYPICAL APPLICATIONS

The MAX-GA84A/P is part of the ABtUS series of high quality, high bandwidth and cost effective Distribution Amplifiers and Switchers designed specially for professional installers. ABtUS products can be found in industrial, commercial, educational, military and government applications like:

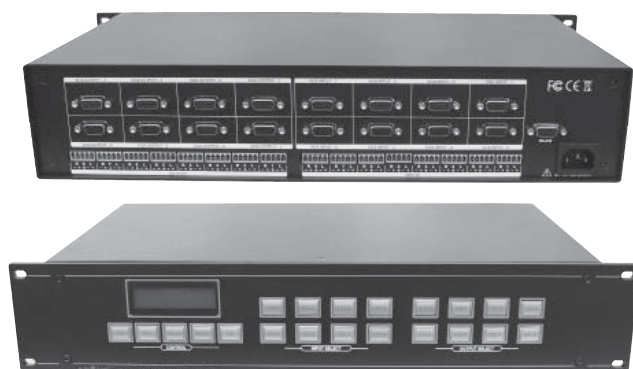
- Schools • Training rooms • Broadcast and duplication studios • Workstation environments
- Retailshowrooms • CCTV and surveillance • Multipurpose Hall

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MAX-GA88A/P

8X8 VGA/STEREO AUDIO MATRIX SWITCHERS



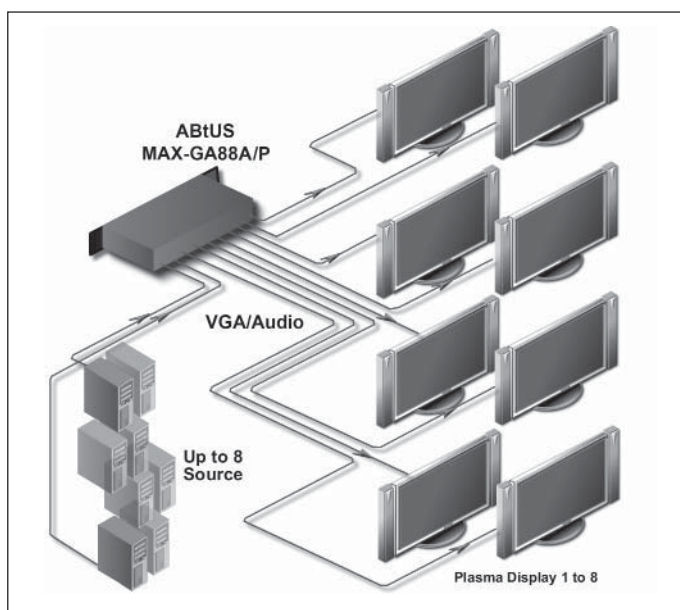
DESCRIPTION

The ABtUS MAX-GA88A/P Matrix is specially designed for computer and workstation applications. Up to 8 VGA/SVGA/XGA/UXGA graphic input can be split or route to any 1 or up to 8 output with no discernible signal degradation. State-of-the-art power management circuitry makes MAX-GA88/AP the first choice signal distributor. With its high signal bandwidth of 900MHz identical high defined output can be achieved throughout.

FEATURES

- With the 8 Input arrangements, any of the 8 video/audio sources can now be selectively amplified and distributed with high transparency even for high-resolution VGA modes like UXGA to any of the 8 display panels. It is ideal for presentation systems requiring 8 VGA sources with a local monitor and/or up to 8 different display units.
- Compatible with all monitors, projectors, HDTVs and flat panel displays

Matrix Switcher



TYPICAL APPLICATIONS

The MAX-GA88A/P is part of the ABtUS series of high quality, high bandwidth and cost effective Distribution Amplifiers and Switchers designed specially for professional installers. ABtUS products can be found in industrial, commercial, educational, military and government applications like:

- Schools • Training rooms • Broadcast and duplication studios • Workstation environments
- Retail showrooms • CCTV and surveillance • Multipurpose Hall

TECHNICAL SPECIFICATION

INPUT:	8 x VGA D-Sub 15 pin Female connector, 8x3.5mm block connector for balance/un-balance audio
OUTPUT:	8 x VGA D-Sub 15 pin Female connector, 8x3.5mm block connector for balance/un-balance audio
COM PORT:	1 x 9 pin D-Sub Female connector
BANDWIDTH:	(-3dB) 900MHz
MAX RESOLUTION:	1600 x 1200
SIGNAL TYPE:	VGA, SVGA, XGA, UXGA, Multi sync
CABLE LENGTH (INPUT):	1 to 3 meter
CABLE LENGTH (OUTPUT):	1 to 50 meter [* Depending on cable rating]
HOUSING:	Metal
DIMENSION:	430 x 240 x 130 mm
WEIGHT:	1350g
ACCESSORIES:	Power cord
POWER SOURCE:	100 to 230 VAC, 50/60Hz

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MAX-RGB88A/P

8X8 RGB/STEREO AUDIO MATRIX SWITCHERS



DESCRIPTION

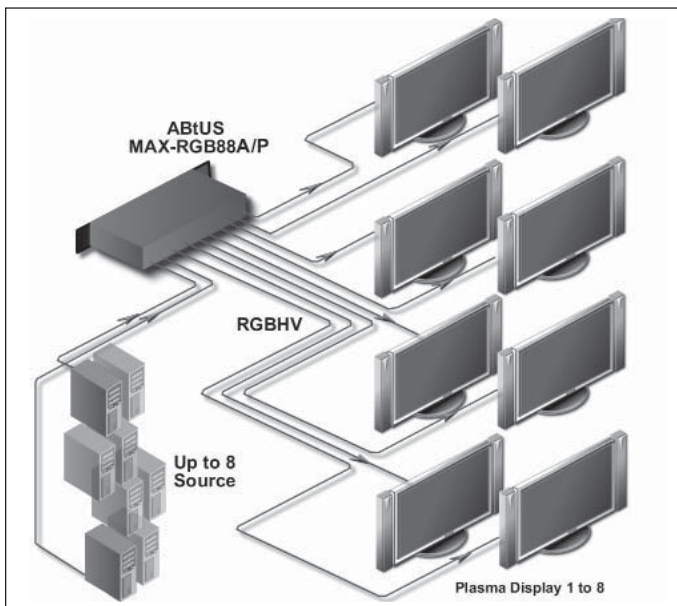
The ABtUS MAX-RGB88A/P Matrix is specially designed for computer and workstation applications. Up to 8 VGA/SVGA/XGA/UXGA graphic input can be split or route to any 1 or up to 8 output with no discernible signal degradation. State-of-the-art power management circuitry makes MAX-RGB88/AP the first choice signal distributor. With its high signal bandwidth of 900MHz identical high defined output can be achieved throughout.

FEATURES

- With the 8 Input arrangements, any of the 8 video/audio sources can now be selectively amplified and distributed with high transparency even for high-resolution VGA modes like UXGA to any of the 8 display panels. It is ideal for presentation systems requiring 8 VGA sources with 8 different display units.
- Compatible with all monitors, projectors, HDTV and flat panel displays.

TECHNICAL SPECIFICATION

INPUT:	8 x 5-BNC connector, 8x3.5mm block connector for balance/un-balance audio
OUTPUT:	8 x 5-BNC connector, 8x3.5mm block connector for balance/un-balance audio
COM PORT:	1 x 9 pin D-Sub Female connector
BANDWIDTH:	(-3dB) 900MHz
MAX RESOLUTION:	1600 x 1200
SIGNAL TYPE:	VGA, SVGA, XGA, UXGA, Multi sync
CABLE LENGTH (INPUT):	1 to 3 meter
CABLE LENGTH (OUTPUT):	1 to 50 meter [* Depending on cable rating]
HOUSING:	Metal
DIMENSION:	430 x 240 x 130 mm
WEIGHT:	1350g
ACCESSORIES:	AC-DC Power Adaptor 12V-DC, 500mA
POWER SOURCE:	100 to 230 VAC, 50/60Hz



TYPICAL APPLICATIONS

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