IR-Blaster 16

IR Matrix Router up to 16x16

Control matrix switching up to 16x16, with simultaneous control of up to 16 input devices, via infrared

FEATURES

- Controls routers up to 16x16
- Full matrix signal routing – each IR input can routed to any combination of IR outputs
- Fully compliant with standard modulated IR protocols and the latest IRDA standards
- Enables matrix switching and input device control
- Allows users to control A/V set ups remotely
- Features SmartAVI SRC-2A remote control

APPLICATIONS

- Wall Displays
- Digital Signage
- Airports
- Dealer Rooms
- Control Rooms
- Audio/Visual Presentations
- Shopping Centers
- Security
- Point-of-Sale
- Hotels/Resorts

MADE IN THE USA

MEMBER OF (((HDCP))) GROUP

HD ready 1080p

Smart-AVI
SMART AUDIO VIDEO INNOVATION

OVERVIEW

For long-distance control of a matrix and a matrix's input sources, the IR-Blaster provides users with the ultimate in flexibility. Often, when using a matrix or other switch, users have difficulty when needing to switch input and output sources while also controlling the devices that deliver signal to the matrix. The IR-Blaster provides a unique and simple solution to handle all those functions from a more convenient location by utilizing infrared signals and the data transferring capabilities of HDMI cables.

The IR-Blaster features full matrix signal routing so that each IR input can be routed to any combination of IR outputs. Additionally, each output can drive the IR emitter up to 30 feet away. The router is fully compliant with standard modulated IR protocols and the latest IRDA standards.

MATRIX SWITCHING

The first and most common use of the IR-Blaster is as a remote for matrix switching. Rather than tracking down the matrix device itself, which in some cases can be difficult, the IR-Blaster allows a user to set up an IR-Eye in nearly any convenient location to enable source switching. By simply connecting the IR-Eye to a receiver that's connected to the matrix, users can manage the matrix with the user-friendly SmartAVI remote control.
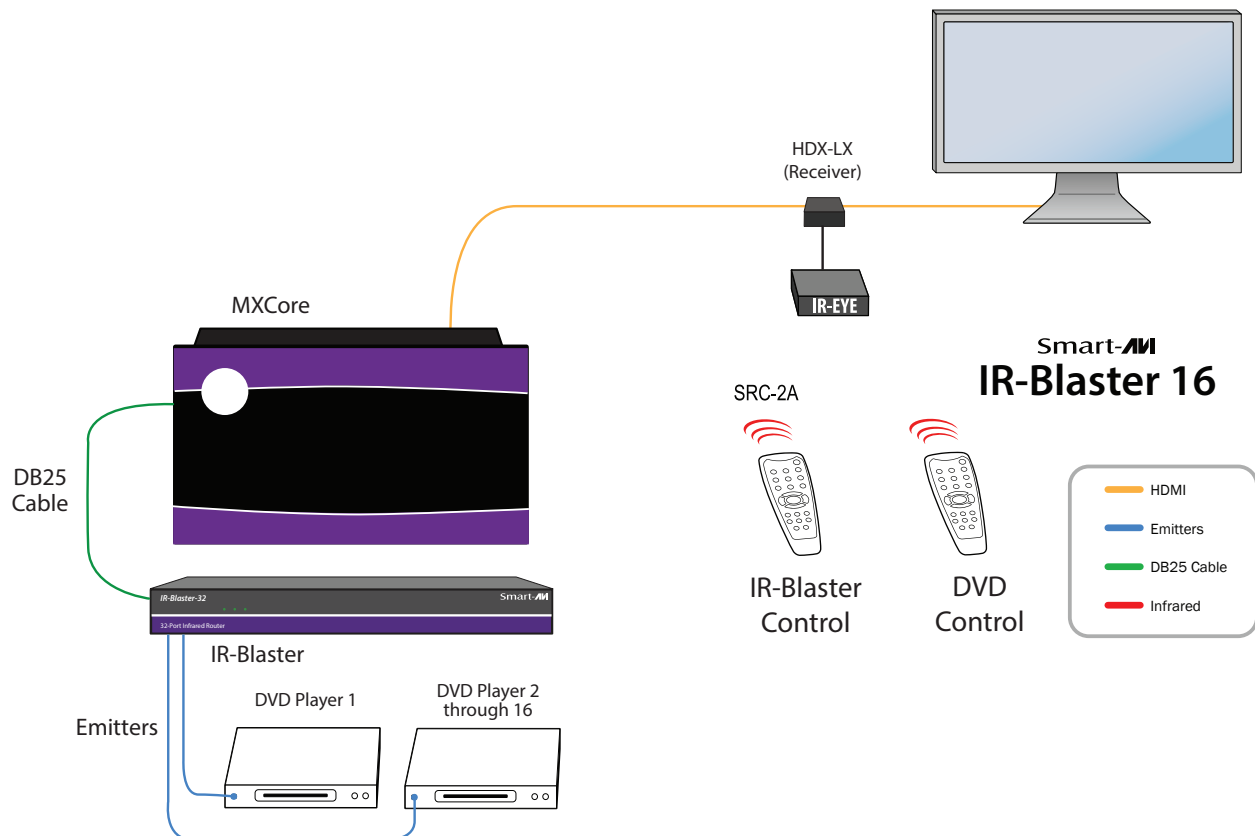
INPUT DEVICE CONTROL

The IR-Blaster provides a second function that makes it a must-have device in a wide variety of situations. By connecting IR emitters from the IR-Blaster to input source devices – like Blu-ray players, HDTV cable boxes and more – users can operate the source via its own specialized remote. Changing channels, adjusting volume, skipping chapters, operating DVR and more can be managed by the remote control just by pointing it at the conveniently located IR-Eye. The IR-Blaster then sends the data directly to the input source for instantaneous device control.

ONE PRODUCT, TWO USES

The combined functionality of the IR-Blaster – remote matrix switching and input source operation – makes it crucial for A/V distribution chains where the matrix and its devices are kept away from where the user needs to manage the displays. The IR-Blaster is a handy, easy-to-install product that transforms the use of a matrix in almost any environment. It only requires the additional SmartAVI remote alongside the input source's remote, and then users can efficiently and effectively control a wide variety of audio and video.

APPLICATION DIAGRAM

SPECIFICATIONS

IR-Blaster Front

IR-Blaster Back

IR EYE INPUT	
IR Frequency Range	30KHz to 80KHz
Capture Distance	Up to 30'
Cable Connector	3.5mm mono jack
IR Signal Indicator	Green LED
Signal Type	TTI
IR EMITTER OUTPUT	
IR Frequency Range	30KHz to 80KHz
Emitter Distance	Up to 25'
Cable Connector	3.5mm stereo jack
IR Signal Indicator	Green LED

OTHER	
Power Requirements	12VDC 2A
Cable Link	Db25 to matrixes
Dimension	17W x 3.75H x 1.75D in
Weight	5Lbs. (2.43Kg)

ORDERING INFORMATION	
Part No.	Description
HDRULT-IR16	IR-Blaster: 16-Port IR Router Includes: [HDRULT-IR16, and PS5VD4A]
SM-MXU-EYE	External Infrared Receiver for IR Blaster
RMT-MXU	IR Remote Control for IR Blaster
SM-MXU-LED	IR Emitter 6' Single LED for IR Blaster

Designed and Manufactured in the USA

Smart-AVI
SMART AUDIO VIDEO INNOVATION