

# SOME THINGS ARE OUT OF YOUR CONTROL.



*Your install shouldn't be one of them.*

## Introducing the Intelix FLX-44

A fully customizable HDMI matrix powerhouse. With audio de-embedding, RS232 routing & tunneling, power over Ethernet, and an integrated web user interface, the FLX-44 is as easy to configure and control as it is powerful. So whether you want to set it up and forget it, or customize it for more demanding installations, the FLX-44 gives you as much or as little control as you need.



**Sometimes it's good to be a control freak.**



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GO AHEAD, BE A CONTROL FREAK.



The Intelix **FLX-44** combines the performance of the DIGI-44B with the features of the FLEX Series, delivering even the most demanding integrator a 4x4 matrix solution.

The **FLX-44** provides four HDMI inputs, four HDBaseT extender outputs and two parallel HDMI outputs—and both the HDMI and HDBaseT outputs are live simultaneously. Each output channel features audio de-embedding and embedded RS232 and IR control for source and destination control. Plus, built-in power over Ethernet (PoE) provides power to remote HDBaseT receivers.

I/O Connections

HDMI Inputs	Four (4) HDMI Type A Receptacle Connector (1 per input)
HDMI Outputs	Two (2) HDMI Type A Receptacle Connector (1 per output)
HDBaseT Outputs	Four (4) 8P8C port (Shielded RJ45) (1 per output)
IR Inputs	Four (4) 3.5 mm jack (TRS)
IR All In	One (1) 3.5 mm jack (TRS)
IR Outputs	Four (4) 3.5 mm jack (TS) (1 per output)
IR Eye	One (1) 3.5 mm jack (TRS)
RS232 Tunnel	Four (4) 3-pole Removable Euroblock Connector (3.5mm)
Audio Outputs	Four (4) 3-pole Removable Euroblock Connector (3.5mm)
48V DC Power	One (1) Amphenol 4pin CPC Female (11-4)
Control, Rear Panel	RS232 via DE-9, TCP/IP via 8P8C, IR via 3.5mm TRS
Control, Front Panel	Push Button, IR

Supported Audio and Video

HDTV Video Resolutions	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
VESA Video Resolutions	Up to 1920x1200
Embedded Audio Compatibility	Up to PCM 5 channel, Dolby Digital TrueHD, and DTS-HD Master Audio
Maximum Distance per Linked	6.75 Gbps

Unit (Cat 5e)	60m (197')
Maximum Distance per Linked	1080i/2.0, 1080p 3D/2.0, 1080p/2.0, 1080p/5.1, 1080p/7.1, Copy and Use EDID from Display
Unit (Cat 5e) @1080p 3D	35m (115')

Extender Signal Characteristics

Cable Requirements	Category 6, or 6A with TIA/EIA-568B crimp pattern
Bandwidth	6.75 Gbps
Input DDC Signal	5.0 volts p-p (TTL)
Input Video Signal	0.5 to 1.0 volts p-p
Supported IR Carrier Frequency	33-55 kHz at 5 volts

Chassis and Environmental

Enclosure	Painted Aluminum
Dimensions	435mm x 235mm x 44mm (1713 x 9.25x 1.73)
Rack Spacing	1 RU
Shipping Weight	2.27 kg (5 lbs)
Operating Temperature	0° to +40° C (+32° to +104° F)
Operating Humidity	20% to 90%, Non-condensing
Storage Temperature	-10° to +60° C (+14° to +140° F)
Storage Humidity	20% to 90%, Non-condensing

Power, ESD, and Regulatory

Power Supply Input	100V-240VAC / 1.8A
Power Supply Output	48vDC / 5A
Power Consumption	150 watts (max)
ESD Protection	15kV
DIGI-44B Regulatory	CE, RoHS
Power Supply Regulatory	UL, FCC, CCC, CE, RoHS

OTHER

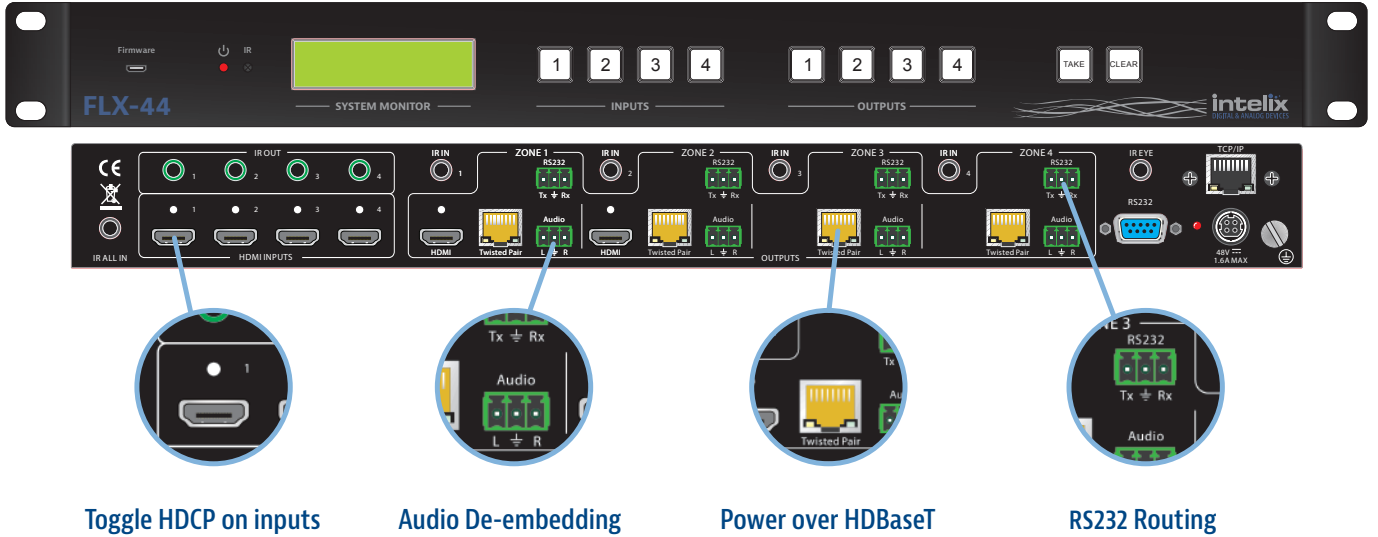
Warranty	2 years
Diagnostic Indicators	LCD output status and power LED
Included Accessories	Installation Guide, IR Remote, IR Emitter (4 ea), IR Receiver (4 ea), RS232 cable, US Power Cable and Power Supply, Mounting Brackets with screws
Compatible Receivers (A/V Only)	DIGI-HD70-R
Compatible Receivers (A/V, IR, and RS232)	DIGI-HDE-R
Compatible Receivers (A/V, IR, RS232, and PoH)	DIGI-HD60C-R

ROCK-SOLID *Don't compromise on control.*

Key Features

- 4 HDMI inputs
- 4 HDBaseT outputs
- 2 HDMI outputs
- Audio de-embedding per output
- Twisted pair extension up to 60m (200 ft.)
- Matrix powers remote HDBaseT receivers
- Backlit crystal buttons for easy control
- PoH for remotely powering Intelix HDBaseT receivers
- RS232 and IR transmission for display control
- IR callback for source control
- 3D compatible
- Front panel, RS232, IR, and Ethernet control
- Selectable HDCP compliance
- Built-in ESD protection per channel

FLX-44: 4 HDMI inputs, 2 HDMI outputs, and 4 HDBaseT outputs.



### Audio De-embedding

Take control of your audio. The FLX-44 allows you to de-embed audio from the HDMI input enabling you to pipe it through a DSP or amplifier.

### RS232 Routing

With the FLX-44, IR headaches and miss-fires are a thing of the past. Control any or all connected displays with commands routed from your control system. Eliminate the need for many com ports, the FLX-44 allows you to use only one com port to control up to 4 displays. Save money by not having to use bigger control systems.

### Power over Ethernet

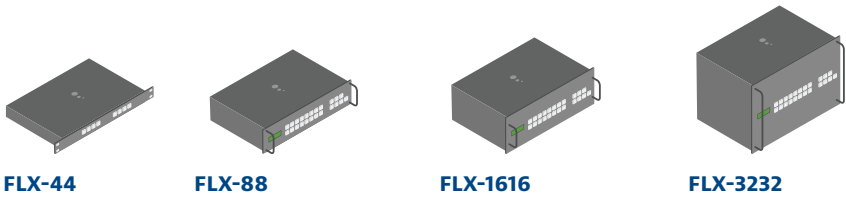
Eliminate the need to power HDMI receivers with additional wall worts or line lumps. The FLX-44 is able to power connected receivers through the twisted pair cable, meaning your install is faster, cheaper, and more flexible than ever.

### Toggle HDCP on inputs

Ensure that signals are encrypted when they need to be, and open when they have to be. The FLX-44 can handle any HDMI signal, whether it's an encrypted blu-ray stream, or an open powerpoint presentation, ensuring that your install is bulletproof.

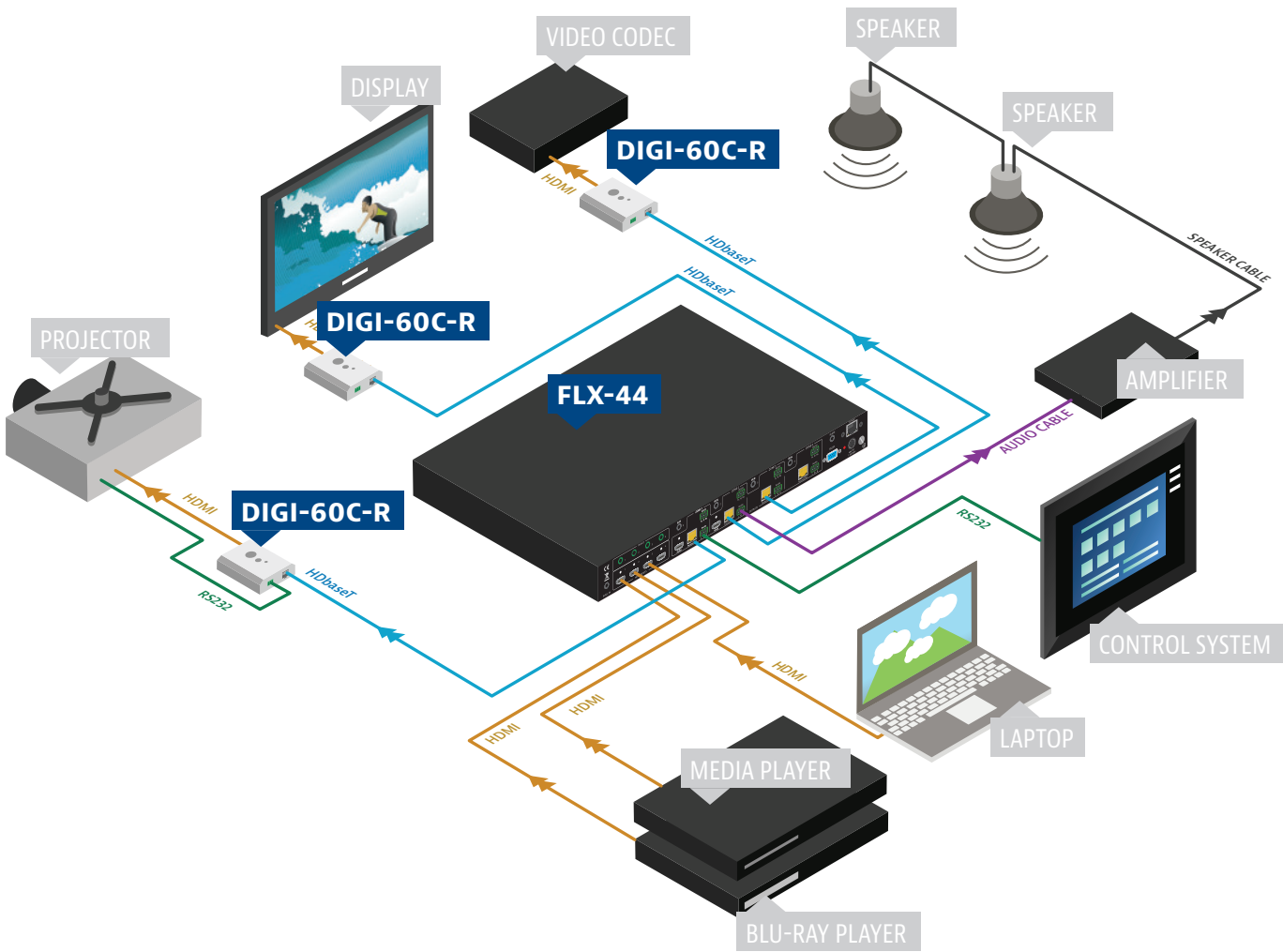
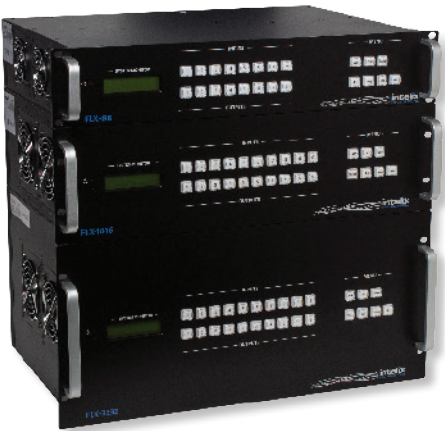


# THE FLEX SERIES



Intelix **FLEX Series** matrices provide switching, scaling, format conversation, audio embedding and audio de-embedding all in a modular, card-based package. Available in systems as small as 4x4 and as large as 32x32, FLEX matrices replace a rack full of traditional gear.

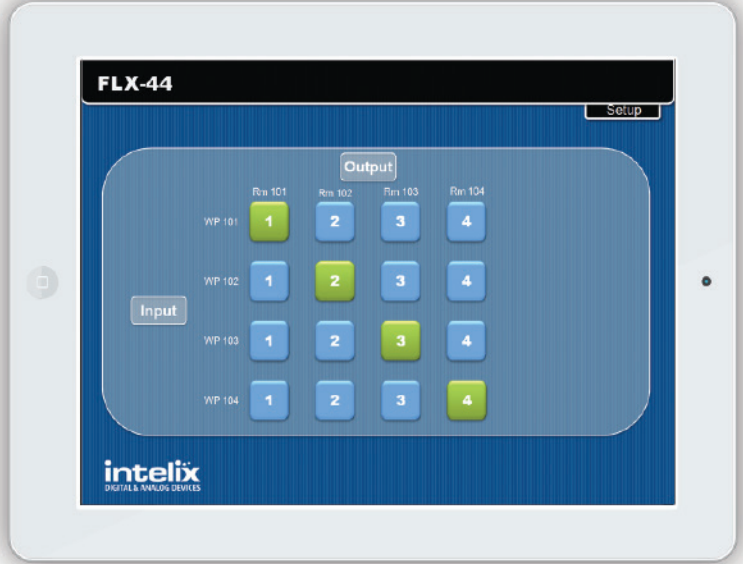
Each system is fully compatible with other Intelix HDBaseT electronics, including twisted pair extenders, auto switching wallplates, and presentation switchers.



# EASY PEASY.

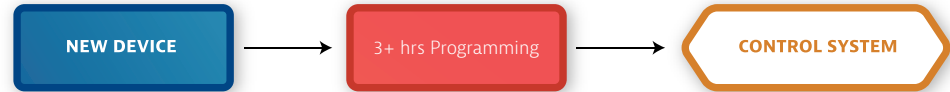
Controlling the FLX-44 is a snap using its built-in interface. Simply point your browser to the IP address of the matrix you have installed and away you go.

This means that any computer with a modern browser on the same network as the FLX-44 can be used as a controller.



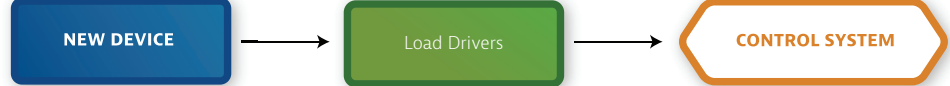
# PRE-PROGRAMMED SO YOU DON'T HAVE TO

Without Drivers:



Even if you love a new device, the cost of programming for the control system can make a new device cost-prohibitive for a new installation.

With Drivers:



With drivers made for a new device, the only programming time is to load the drivers into the control system. This saves both time and money.

Intelix works with some of the best control system manufacturers to provide pre-made drivers for many of our products.

Simply connect to a control system, load the driver for the supported Intelix product and enjoy all that new time on your hands.



The FLX-44 matrix works with these extenders and our HDMI adapter ring. Buy together and ensure a plug-and-play install with our guaranteed compatible products.



DIGI-HD60C-R



DIGI-HD70-R



DL-AR



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