Intelix Product Catalog

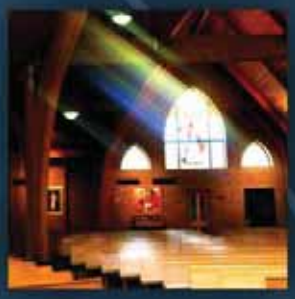
2009 Edition

Residential

Corporate

Hospitality

Retail



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Phone: 608-831-0880
Toll-Free: 1-866-4-MATMIX
Fax: 608-831-1833

2222 Pleasant View Road
Suite #1
Middleton, WI 53562

Intelix Product Catalog
2009 Edition

Contents

Media Distribution Product Supplement

Complete Intelix Media Distribution Solutions..... A-1
Pro AV Twisted Pair Solutions..... B-1
Audio Mic/Line Mixing..... C-1
Audio Matrix Mixing..... D-1
Video Distribution..... E-1

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2222 Pleasant View Road
Suite #1
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INTELIX AV OVER TWISTED PAIR QUICK REFERENCE CHART

			Signal Format												Connector Style								
	Max Distance	Format	Wallplate Style	Modular Style	Analog Audio	Digital Audio	Composite Video	RF	S-Video	Component Video	VGA	RS232	IR	DVI	HDMI	PS2	USB	1/8" mini (3.5 mm)	110 punch-down	BNC	F	HD15	Phoenix Terminal	RCA	Screw Terminal	XLR
AVDA-8-F	Dependant	1 x 8		●	●		●		●																	
AVO-A2-F	2,500 feet	1 x 1		●	●																			●		
AVO-A2-WP-F	2,500 feet	1 x 1	●		●																			●		
AVO-A2-WP110	2,500 feet	1 x 1	●		●														●					●		
AVO-A2MINI-WP-F	2,500 feet	1 x 1	●		●													●								
AVO-A4-F	2,500 feet	1 x 1		●	●																			●		
AVO-A4-WP-F	2,500 feet	1 x 1	●		●																			●		
AVO-A4-WP110	2,500 feet	1 x 1	●		●														●					●		
AVO-MIC-F	2,500 feet	1 x 1		●	●																		●			
AVO-MIC-WP-F	2,500 feet	1 x 1	●	●	●																		●			●
AVO-SVA2-F	1,000 feet	1 x 1		●	●				●															●		
AVO-SVA2-WP-F	1,000 feet	1 x 1	●		●				●															●		
AVO-V1-PAIR-F	2,200 feet	1 x 1		●			●													●						
AVO-V1-ST-PAIR-F	2,200 feet	1 x 1		●			●													●					●	
AVO-V1-WP-F	2,200 feet	1 x 1	●				●																	●		
AVO-V1A2-F	2,200 feet	1 x 1		●	●		●													●				●		
AVO-V1A2-WP-F	2,200 feet	1 x 1	●		●		●																	●		
AVO-V1A2-WP110	2,200 feet	1 x 1	●		●		●												●					●		
AVO-V2A2-F	2,200 feet	1 x 1		●	●		●																	●		
AVO-V2A2-WP-F	2,200 feet	1 x 1	●		●		●																	●		
AVO-V3AD-F	500 feet	1 x 1		●		●				●														●		
AVO-V3AD-WP-F	500 feet	1 x 1	●			●				●														●		
AVO-V3AD-WP110	500 feet	1 x 1	●			●				●									●					●		
AVO-V3HD-F	500 feet	1 x 1		●						●										●						
AVO-V3PT-F	500 feet	1 x 1		●						●			●												●	●	
DIGI-DVI-F	150 feet	1 x 1		●										●												
DIGI-DVIT2R-F	220 feet	1 x 2		●										●												
DIGI-DVIT4R-F	220 feet	1 x 4		●										●												
DIGI-HDMI-4X2	150 feet	4 x 2		●		●									●			●								
DIGI-HDMI-4X4	150 feet	4 x 4		●		●									●			●								
DIGI-HDMI-HR	150 feet	1 x 1		●		●									●											
DIGI-HDMI-IR	150 feet	1 x 1		●		●							●		●			●								
DIGI-HDMI-UHR	150 feet	1 x 1		●		●									●											
DIGI-USB-F	330 feet	1 x 1		●													●									
DIGI-VGA-F	850 feet	1 x 1		●	●						●											●				
DIGI-VGASD	350 feet	1 x 1		●	●						●	●	●					●				●				
DIGI-VGASD-T4R	350 feet	1 x 4		●	●						●	●	●					●				●				
DIGI-VGASD-T8R	350 feet	1 x 8		●	●						●	●	●					●				●				
DIGI-VGASD-WP	350 feet	1 x 1	●		●						●	●	●					●				●				
PS2-F	350 feet	1 x 1		●												●										
RF-F	330 feet	1 x 1		●				●													●					
VGA-HR-F	350 feet	1 x 1		●							●											●				
VGA-SR-F	200 feet	1 x 1		●							●											●				
VGA-UHR-F	550 feet	1 x 1		●							●											●				

DIGI-VGASD SERIES VGA, STEREO AUDIO, IR AND RS232 EXTENDERS

	Product	Description/Signal	Connectors	Max Distance	Page
	DIGI-VGASD	VGA, stereo audio, IR, RS232 Modular send and receive balun	HD15, 1/8" mini, DB9, RJ45	350 feet	B-11, E-8
	DIGI-VGASD-R	VGA, stereo audio, IR, RS232 Modular receive balun	HD15, 1/8" mini, DB9, RJ45	350 feet	B-12
	DIGI-VGASD-S	VGA, stereo audio, IR, RS232 Modular send balun	HD15, 1/8" mini, DB9, RJ45	350 feet	B-12
	DIGI-VGASD-T4	VGA, stereo audio, IR, RS232 1x4 send balun	HD15, 1/8" mini, DB9, RJ45	350 feet	B-12
	DIGI-VGASD-T4R	VGA, stereo audio, IR, RS232 1x4 send balun and receive balun	HD15, 1/8" mini, DB9, RJ45	350 feet	B-13
	DIGI-VGASD-T8	VGA, stereo audio, IR, RS232 1x8 send balun	HD15, 1/8" mini, DB9, RJ45	350 feet	B-13
	DIGI-VGASD-T8R	VGA, stereo audio, IR, RS232 1x8 send balun and receive balun	HD15, 1/8" mini, DB9, RJ45	350 feet	B-13, E-8
	DIGI-VGASD-WP	VGA, stereo audio, IR, RS232 Wallplate send and receive balun	HD15, 1/8" mini, DB9, RJ45	350 feet	B-14, E-8
	DIGI-VGASD-WP-R	VGA, stereo audio, IR, RS232 Wallplate receive balun	HD15, 1/8" mini, DB9, RJ45	350 feet	B-14
	DIGI-VGASD-WP-S	VGA, stereo audio, IR, RS232 Wallplate send balun	HD15, 1/8" mini, DB9, RJ45	350 feet	B-14
	DIGI-VGASD-IREMT	IR emitter for use with DIGI-VGASD components			A-8, B-20
	DIGI-VGASD-IREYE	IR receiver for use with DIGI-VGASD components			A-8, B-20

DigiCat Series High-Performance Audio/Video Extenders

	Product	Description/Signal	Connectors	Max Distance	Page
	DIGI-USB-F AVO-CLIP-F	**Full-speed USB** rack-mounting clip	**USB, RJ45**	**330 feet**	**B-10** B-18
	DIGI-VGA-F	**VGA, stereo audio**	**HD15, 1/8" mini, RJ45**	**850 feet**	**B-11**
	DIGI-DVI-F CBL-KIT-DVI AVO-CLIP-F	**DVI** accessory cables rack-mounting clip	**DVI-D, RJ45**	**150 feet**	**B-15, E-5** A-7, B-19 B-18
	DIGI-DVIT2R-F CBL-KIT-DVI	**1x2 DVI distribution system** accessory cables	**DVI, RJ45**	**220 feet**	**B-15, E-5** A-7, B-19
	DIGI-DVIT4R-F CBL-KIT-DVI	**1x4 DVI distribution system** accessory cables	**DVI, RJ45**	**220 feet**	**B-15, E-5** A-7, B-19
	DIGI-DVI-R-F CBL-KIT-DVI	**Additional DIGI-DVI receiver** accessory cables	**DVI, RJ45**	**220 feet**	 A-7, B-19
	DIGI-HDMI-HR CBL-KIT-HDMI AVO-CLIP-F	**HDMI** accessory cables rack-mounting clip	**HDMI, RJ45**	**150 feet**	**B-16** A-7, B-19 B-18
	DIGI-HDMI-IR CBL-KIT-HDMI AVO-CLIP-F	**HDMI, IR** accessory cables rack-mounting clip	**HDMI, 1/8" mini, RJ45**	**150 feet**	**B-16** A-7, B-19 B-18
	DIGI-HDMI-UHR CBL-KIT-HDMI AVO-CLIP-F	**HDMI** accessory cables rack-mounting clip	**HDMI, RJ45**	**150 feet**	**B-16** A-7, B-19 B-18

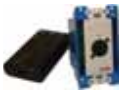
DigiCat Series Digital Matrix Switchers

	Product	Description/Signal	Inputs	Outputs	Page
	DIGI-HDMI-4X2	**4x2 HDMI twisted pair matrix**	**(4) HDMI**	**(2) HDMI** **(2) Dual RJ45** **(4) 1/8" IR**	**B-17, E-6**
	DIGI-HDMI-4X4	**4x4 HDMI twisted pair matrix**	**(4) HDMI**	**(4) HDMI** **(4) Dual RJ45** **(4) 1/8" mini IR**	**B-17, E-6**
	DIGI-HDMI-HR-R	**HDMI matrix receiver**	**(1) Dual RJ45**	**(1) HDMI**	
	DIGI-HDMI-IR-R	**HDMI matrix receiver**	**(1) Dual RJ45**	**(1) HDMI** **(1) 1/8" mini IR**	

AvoCat Series Rack-Mountable A/V over Twisted Pair Baluns

	Product	Description/Signal	Connectors	Max Distance	Page
	AVO-A2-F	**Stereo audio**	**RCA, RJ45**	**2,500 feet**	**B-1**
	CBL-KIT-A2	accessory cables			A-7, B-19
	AVO-CLIP-F	rack-mounting clip			B-18
	AVO-A4-F	**Dual stereo audio**	**RCA, RJ45**	**2,500 feet**	**B-1**
	CBL-KIT-A4	accessory cables			A-7, B-19
	AVO-CLIP-F	rack-mounting clip			B-18
	AVO-MIC-F	**Mic or line audio, phantom pwr**	**Phoenix, RJ45**	**2,500 feet**	**B-1**
	AVO-CLIP-F	rack-mounting clip			B-18
	AVO-SVA2-F	**S-video, stereo audio**	**4-pin DIN, RCA, RJ45**	**1,000 feet**	**B-2**
	CBL-KIT-SVA2	accessory cables			A-7, B-19
	AVO-CLIP-F	rack-mounting clip			B-18
	AVO-V1-PAIR-F	**Composite video**	**BNC, RJ45**	**2,200 feet**	**B-3**
	CBL-KIT-V1	BNC to RCA adaptor			A-7, B-19
	AVO-CLIP-F	rack-mounting clip			B-18
	AVO-V1-ST-PAIR-F	**Composite video**	**BNC, spring tension**	**2,200 feet**	**B-3**
	CBL-KIT-V1	BNC to RCA adaptor			A-7, B-19
	AVO-CLIP-F	rack-mounting clip			B-18
	AVO-V1A2-F	**Composite video, stereo audio**	**BNC, RCA, RJ45**	**2,200 feet**	**B-2**
	CBL-KIT-V1A2	accessory cables			A-7, B-19
	AVO-CLIP-F	rack-mounting clip			B-18
	AVO-V2A2-F	**Dual composite video/audio**	**RCA, RJ45**	**2,200 feet**	**B-2**
	CBL-KIT-V2A2	accessory cables			A-7, B-19
	AVO-CLIP-F	rack-mounting clip			B-18
	AVO-V3AD-F	**Component video, digital audio**	**RCA, RJ45**	**500 feet**	**B-4**
	B-4CBL-KIT-V3AD	accessory cables			A-7, B-19
	AVO-CLIP-F	rack-mounting clip			B-18
	AVO-V3HD-F	**Component video**	**BNC, RJ45**	**500 feet**	**B-4**
	CBL-KIT-V3	accessory cables			A-7, B-19
	AVO-CLIP-F	rack-mounting clip			B-18
	AVO-V3PT-F	**Component video, IR**	**RCA, sprng tens, RJ45**	**500 feet**	**B-4**
	CBL-KIT-V3AD	accessory cables			A-7, B-19
	AVO-CLIP-F	rack-mounting clip			B-18

AvoCat Series Wallplate A/V over Twisted Pair Baluns

	Product	Description/Signal	Connectors	Max Distance	Page
	AVO-A2-WP-F	Stereo audio	RCA, RJ45	2,500 feet	B-5
	AVO-A2-WP110	Stereo audio	RCA, 110 punch	2,500 feet	B-5
	AVO-A2-WP110-EU	Stereo audio/Euro compatible	RCA, 110 punch	2,500 feet	
	AVO-A2-WP110-UK	Stereo audio/UK compatible	RCA, 110 punch	2,500 feet	
	AVO-A2MINI-WP-F	Stereo audio	1/8” mini, RJ45	2,500 feet	B-5
	AVO-A4-WP-F	Dual stereo audio	RCA, RJ45	2,500 feet	B-6
	AVO-A4-WP110	Dual stereo audio	RCA, 110 punch	2,500 feet	B-6
	AVO-A4-WP110-EU	Dual stereo audio/Euro compatible	RCA, 110 punch	2,500 feet	
	AVO-A4-WP110-UK	Dual stereo audio/UK compatible	RCA, 110 punch	2,500 feet	
	AVO-MIC-WP-F	Mic or line audio, phantom pwr	XLR, Phoenix, RJ45	2,500 feet	B-6
	AVO-SVA2-WP-F	S-video, stereo audio	4-pin DIN, RCA, RJ45	1,000 feet	B-7
	AVO-V1-WP-F	Composite video	RCA, RJ45	2,200 feet	B-7
	AVO-V1A2-WP-F	Composite video, stereo audio	RCA, RJ45	2,200 feet	B-7
	AVO-V1A2-WP110	Composite video, stereo audio	RCA, 110 punch	2,200 feet	B-8
	AVO-V1A2-WP110-EU	Video and audio/Euro compatible	RCA, 110 punch	2,200 feet	
	AVO-V1A2-WP110-UK	Video and audio/UK compatible	RCA, 110 punch	2,200 feet	
	AVO-V2A2-WP-F	Dual composite video/audio	RCA, RJ45	2,200 feet	B-8
	AVO-V3AD-WP-F	Component video, digital audio	RCA, RJ45	500 feet	B-8
	AVO-V3AD-WP110	Component video, digital audio	RCA, 110 punch	500 feet	B-9
	AVO-V3AD-WP110-EU	Video and audio/Euro compatible	RCA, 110 punch	500 feet	
	AVO-V3AD-WP110-UK	Video and audio/UK compatible	RCA, 110 punch	500 feet	

AUDIO/VIDEO DISTRIBUTION DEVICES

	Product	Description/Signal	Inputs	Outputs	Page
	HDMI-2X2	**2x2 HD distribution amplifier**	**(1) HDMI (1) DVI (2) digital audio**	**(2) HDMI**	**E-4**
	HDMI-2X8	**2x8 HD distribution amplifier**	**(1) HDMI (1) DVI (2) digital audio**	**(8) HDMI**	**E-4**
	HDMI-5X1	**5x1 HDMI switcher**	**(5) HDMI**	**(1) HDMI**	**E-3**
	VGADA-2 BRKOUT-KIT CBL-KIT-VGADA2	**1x2 VGA distribution amplifier** signal converter kit accessory cables	**(1) HD15**	**(2) HD15**	**E-3** A-7, B-19 A-7, B-19
	HDDA-8-F	**1x8 distribution amplifier**	**(3) RCA**	**(24) RCA**	**E-4**
	AVDA-8-F	**1x8 balun distribution amplifier**	**(1) RJ45**	**(8) RJ45 (1) RJ45 link out**	**B-3, E-3**

CLASSIC SERIES A/V OVER TWISTED PAIR BALUNS

	Product	Description/Signal	Connectors	Max Distance	Page
	VGA-HR-F AVO-CLIP-F	**VGA up to 1600 x 1200** rack-mounting clip	**HD15, RJ45**	**350 feet**	**B-10** B-18
	VGA-UHR-F AVO-CLIP-F	**VGA up to 1920 x 1200** rack-mounting clip	**HD15, RJ45**	**550 feet**	**B-11** B-18
	VGA-SR-F AVO-CLIP-F	**VGA up to 1280 x 1024** rack-mounting clip	**HD15, RJ45**	**200 feet**	**B-10** B-18
	RF-F AVO-CLIP-F	**Broadband video** rack-mounting clip	**F, RJ45**	**330 feet**	**B-9** B-18
	PS2-F AVO-CLIP-F	**PS/2 keyboard and mouse** rack-mounting clip	**6-pin PS/2, RJ45**	**350 feet**	**B-9** B-18

CABLE KITS

	Part Number	Recommended Product	Kit Contents
	BRKOUT-CBL	DIGI-VGASD Series VGA-HR-F DIGI-VGA-F	One (1) meter cable with one (1) male HD15 connector to three (3) RCA connectors
	BRKOUT-KIT	VGADA-2	One (1) meter male HD15 to male HD15 cable, three (3) 12” male HD15 to five male BNC breakout cables, and nine (9) female BNC to male RCA adaptors
	CBL-KIT-A2	AVO-A2-F	One (1) 6” dual male RCA audio cable
	CBL-KIT-A4	AVO-A4-F	Two (2) 6” dual male RCA audio cables
	CBL-KIT-DVI	DIGI-DVI-F DIGI-DVIT2R-F DIGI-DVIT4R-F	Two (2) one meter DVI-D video cables
	CBL-KIT-HDMI	DIGI-HDMI-HR DIGI-HDMI-IR DIGI-HDMI-UHR	Two (2) two meter gold-plated HDMI cables
	CBL-KIT-SVA2	AVO-SVA2-F	One (1) 6” dual male RCA audio cable and one (1) 12” male S-video to male S-video cable
	CBL-KIT-V1	AVO-V1-PAIR-F AVO-V1-ST-PAIR-F	One (1) female BNC to male RCA adaptor
	CBL-KIT-V1A2	AVO-V1A2-F	One (1) 6” dual male RCA audio cable and one (1) 12” male BNC to male BNC cable
	CBL-KIT-V2A2	AVO-V2A2-F	One (1) 6” dual male RCA audio cable and two (2) 12” male RCA to male RCA cables
	CBL-KIT-V3	AVO-V3HD-F	Three (3) 12” male BNC to male BNC cables
	CBL-KIT-V3AD	AVO-V3AD-F AVO-V3PT-F	Three (3) 6” male RCA to male RCA cables and one (1) coaxial cable
	CBL-KIT-VGADA2	VGADA-2	Three (3) one meter long male VGA to male VGA video cables

CABLE KITS

	Part Number	Recommended Product	Kit Contents
	DIGI-VGASD-IREMT	DIGI-VGASD Series	One (1) IR emitter for use with the Intelix DIGI-VGASD Series distribution system
	DIGI-VGASD-IREYE	DIGI-VGASD Series	One (1) IR eye for use with the Intelix DIGI-VGASD Series distribution system

INTELIX BALUN RACK-MOUNTING ACCESSORIES

	Product	Description	Page
	AVO-CLIP-F	**Balun mounting clip, fits Intelix DIN-RACK-KIT-F and 35mm DIN rail**	B-18
	DIN-RACK-KIT-F	**Standard 19” rack tray with two 17” DIN rails, fits 26 Intelix AVO-CLIP-Fs**	B-18

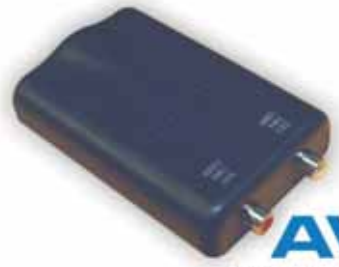
	AVO-A2-F	AVO-A2-WP-F	AVO-A2-WP110	AVO-A2MINI-WP-F	AVO-A4-F	AVO-A4-WP-F	AVO-A4-WP110	AVO-MIC-F	AVO-MIC-WP-F	AVO-SVA2-F	AVO-SVA2-WP-F	AVO-V1-PAIR-F	AVO-V1-ST-PAIR-F	AVO-V1-WP-F	AVO-V1A2-F	AVO-V1A2-WP-F	AVO-V1A2-WP110	AVO-V2A2-F	AVO-V2A2-WP-F	AVO-V3AD-F	AVO-V3AD-WP-F	AVO-V3AD-WP110	AVO-V3HD-F	AVO-V3PT-F	DIGI-DVI-F	DIGI-DVIT2R-F	DIGI-DVIT4R-F	DIGI-HDMI-HR	DIGI-HDMI-IR	DIGI-HDMI-UHR	DIGI-USB-F	DIGI-VGA-F	DIGI-VGASD	DIGI-VGASD-T4R	DIGI-VGASD-T8R	DIGI-VGASD-WP	RF-F	VGA-HR-F	VGA-SR-F	VGA-UHR-F
Included Transmitters	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Included Receivers								1	1			1	1												1	1	1	1	1	1	1	1	1	1	1	1				
AVO-CLIP Compatible	●				●			●		●		●	●		●			●		●			●	●	●			●	●	●	●					●	●		●
Passive	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●												●		●	
Active								●	●																●	●	●	●	●	●	●	●	●	●	●				●

Intelix AvoCat Series wallplate baluns fit in a standard depth, single-gang wallbox.

Two AVO-V1 and AVO-V1-ST style baluns mount in one AVO-CLIP-F.

Intelix 110 punch-down wallplate baluns are available in European and United Kingdom formats.

Intelix DIGI-HDMI-HR and DIGI-HDMI-IR receive baluns extend HDMI signals from Intelix twisted pair matrices.



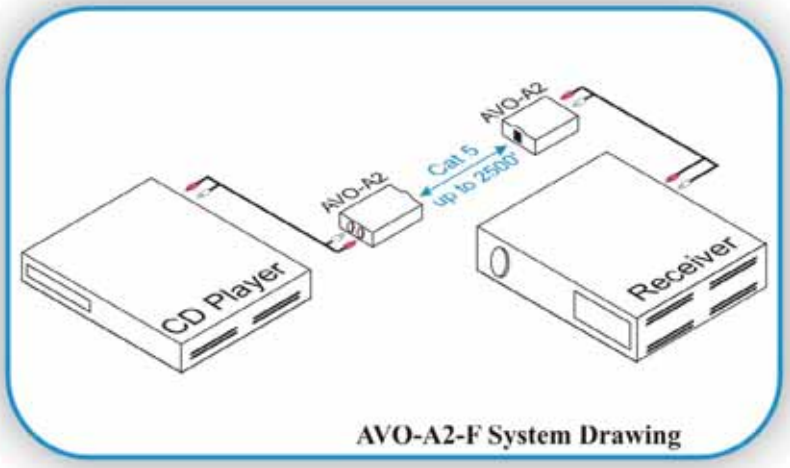
AVO-A2-F

Stereo audio over Cat 5 balun

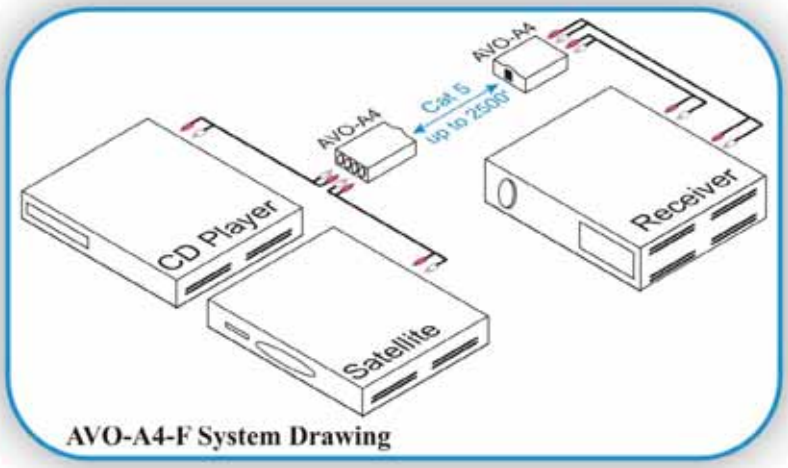
The Intelix AVO-A2-F transmits high-fidelity stereo audio up to 2,500 feet over standard twisted pair cable.

- 20 Hz to 20 kHz stereo audio up to 2,500 feet
- two gold-plated RCA connectors
- compatible with the AVO-A2-WP-F wallplate balun
- rack-mountable
- 4.3” x 2.5” x 1.0”

Part Number: **AVO-A2-F**



AVO-A2-F System Drawing



AVO-A4-F System Drawing

AVO-A4-F

Dual stereo audio over Cat 5 balun

The Intelix AVO-A4-F transmits two high-fidelity stereo audio channels up to 2,500 feet over standard twisted pair cable.

- 20 Hz to 20 kHz audio up to 2,500 feet
- four gold-plated RCA connectors
- compatible with the AVO-A4-WP-F wallplate balun
- rack-mountable
- 4.3” x 2.5” x 1.0”

Part Number: **AVO-A4-F**

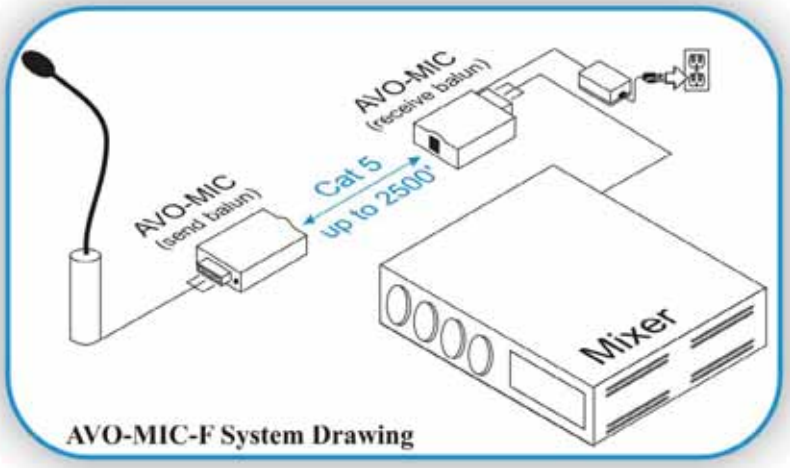
AVO-MIC-F

Mic audio & phantom power over Cat 5 balun set

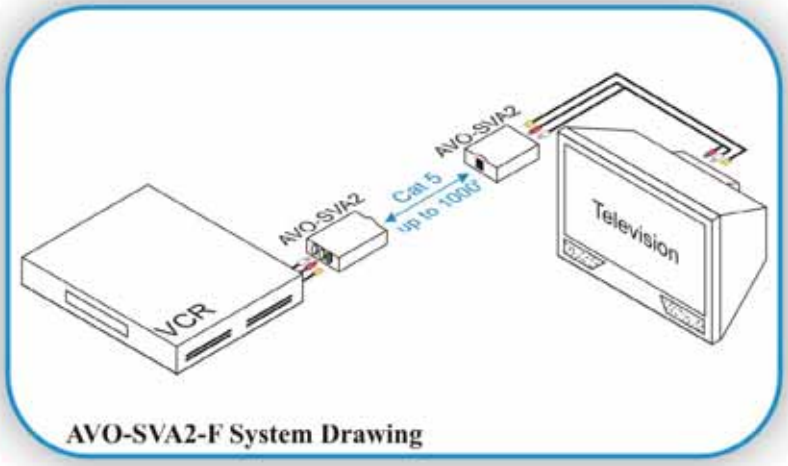
The Intelix AVO-MIC-F transmits a preamplified microphone signal and phantom power up to 2,500 feet over standard Cat 5.

- 20 Hz to 20 kHz audio up to 2,500 feet
- phoenix-style terminal strip connectors
- optional power on either the send or receive end
- 60 dB of microphone preamplification
- rack-mountable
- 4.3” x 2.5” x 1.0”

Part Number: **AVO-MIC-F**



AVO-MIC-F System Drawing



AVO-SVA2-F System Drawing

AVO-SVA2-F

S-video & stereo audio over Cat 5 balun

The Intelix AVO-SVA2-F transmits S-video and stereo audio up to 1,000 feet over standard twisted pair cable.

- S-video and stereo audio up to 1,000 feet
- 20 Hz to 20 kHz high-fidelity audio
- 4-pin S-video (video) and RCA (audio) connectors
- compatible with the AVO-SVA2-WP-F wallplate balun
- 4.3" x 2.5" x 1.0"

Part Number: **AVO-SVA2-F**

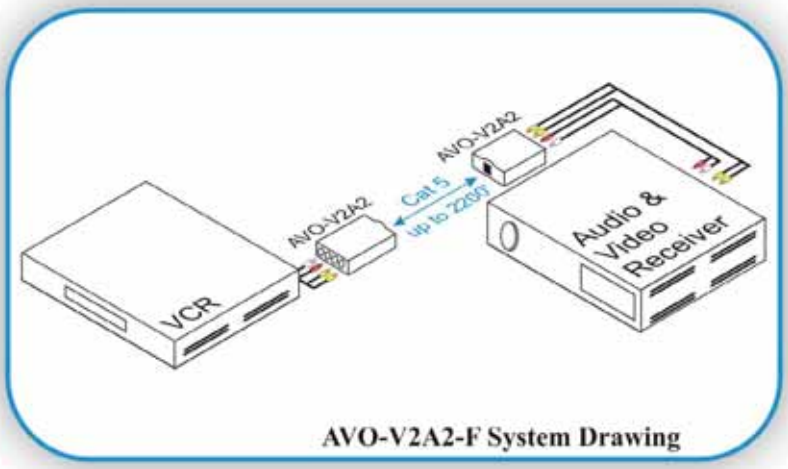
AVO-V2A2-F

Dual composite video & stereo audio balun

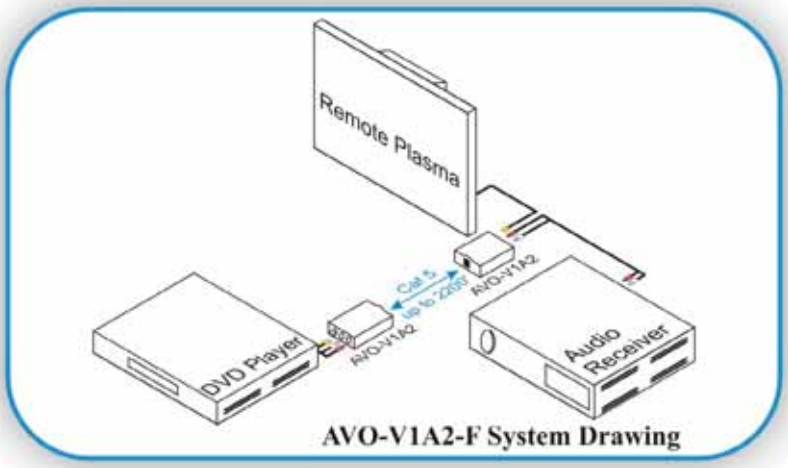
The Intelix AVO-V2A2-F transmits dual composite video and stereo audio up to 2,200 feet over standard twisted pair cable.

- dual composite video and stereo audio up to 2,200 feet
- 20 Hz to 20 kHz high-fidelity audio
- four gold-plated RCA connectors
- compatible with the AVO-V2A2-WP-F wallplate balun
- 4.3" x 2.5" x 1.0"

Part Number: **AVO-V2A2-F**



AVO-V2A2-F System Drawing



AVO-V1A2-F System Drawing

AVO-V1A2-F

Composite video & stereo audio over Cat 5 balun

The Intelix AVO-V1A2-F transmits composite video and stereo audio up to 2,200 feet over standard twisted pair cable.

- composite video and stereo audio up to 2,200 feet
- 20 Hz to 20 kHz high-fidelity audio
- BNC (video) and RCA (audio) connectors
- compatible with the AVO-V1A2-WP-F wallplate balun
- compact design
- 4.3" x 2.5" x 1.0"

Part Number: **AVO-V1A2-F**

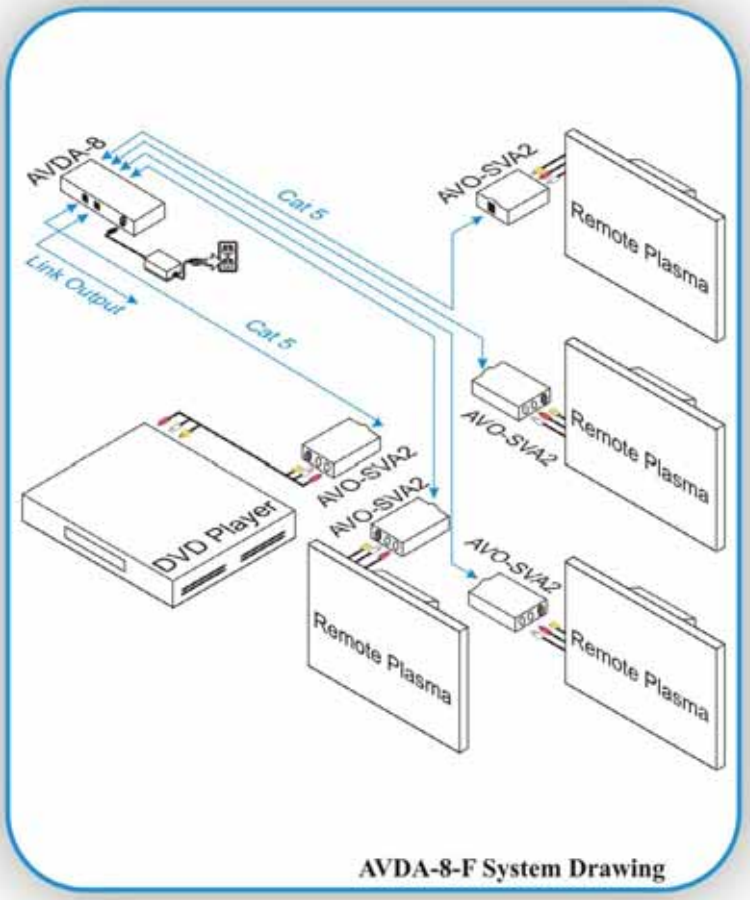
AVDA-8-F

1x8 twisted pair balun distribution amplifier

The Intelix AVDA-8-F distributes a single audio/video balun source to eight balun desitinations.

- compatible with Intelix composite video, S-video, and analog audio baluns
- linkable up to 64 total outputs
- one RJ45 input to eight RJ45 outputs, plus linking output
- 8.5” x 4.0” x 1.3”

Part Number: **AVDA-8-F**



AVDA-8-F System Drawing

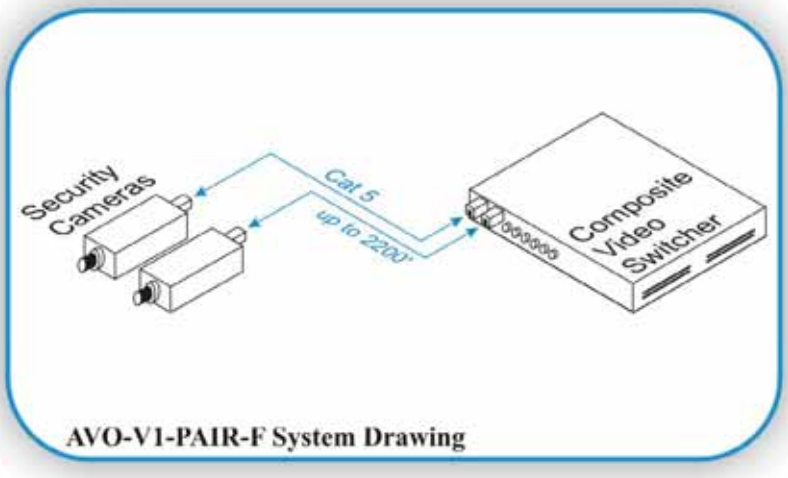
AVO-V1-ST-PAIR-F

Composite video over Cat 5 balun set

The Intelix AVO-V1-ST-PAIR-F balun set transmits composite video up to 2,200 feet over standard twisted pair cable.

- composite video up to 2,200 feet
- connect four baluns to a single twisted pair cable
- BNC to spring tension connectors
- compatible with the AVO-V1-WP-F wallplate balun
- 1.6” x 2.8” x 1.0”

Part Number: **AVO-V1-ST-PAIR-F**



AVO-V1-PAIR-F System Drawing

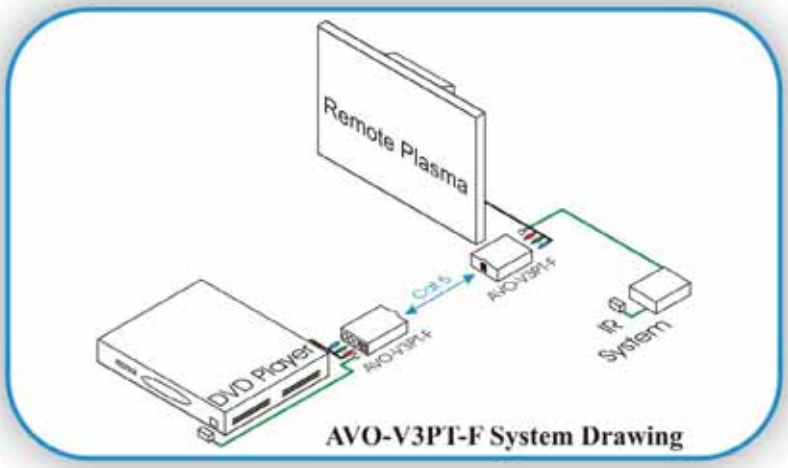
AVO-V1-PAIR-F

Composite video over Cat 5 balun set

The Intelix AVO-V1-PAIR-F balun set transmits composite video up to 2,200 feet over standard twisted pair cable.

- composite video up to 2,200 feet
- compact design
- BNC to RJ45 connectors
- compatible with the AVO-V1-WP-F wallplate balun
- compact design
- 1.6” x 2.8” x 1.0”

Part Number: **AVO-V1-ST-F**



AVO-V3PT-F System Drawing

AVO-V3PT-F

Component video & IR over Cat 5 balun

The Intelix AVO-V3PT-F transmits high-definition component video and IR up to 500 feet over standard twisted pair cabling.

- 480i, 480p, 720p or 1080i component video up to 500 feet
- supports IR, DC, logic, and other two conductor control signals
- gold-plated RCA and spring tension connectors
- no power required
- 4.3" x 2.5" x 1.0"

Part Number: **AVO-V3PT-F**

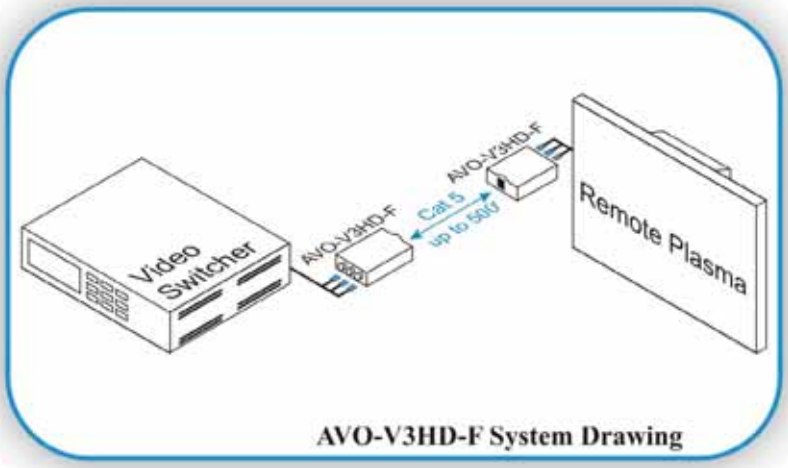
AVO-V3HD-F

Component video over Cat 5 balun

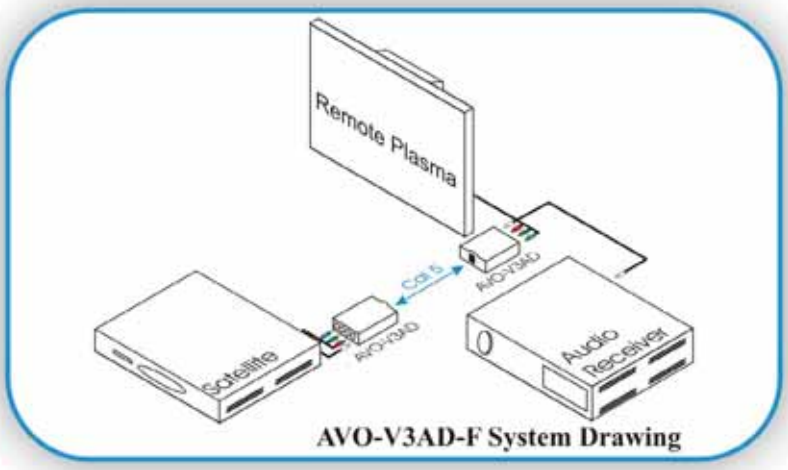
The Intelix AVO-V3HD-F transmits high-definition component video up to 500 feet over standard twisted pair cabling.

- 480i, 480p, 720p or 1080i component video up to 500 feet
- commercial-grade BNC connectors
- rack-mountable
- no power required
- 4.3" x 2.5" x 1.0"

Part Number: **AVO-V3HD-F**



AVO-V3HD-F System Drawing



AVO-V3AD-F System Drawing

AVO-V3AD-F

Component video & digital audio over Cat 5 balun

The Intelix AVO-V3AD-F transmits high-definition component video and digital audio up to 500 feet over standard Cat 5 cable.

- 480i, 480p, 720p or 1080i video and digital audio up to 500 feet
- four gold-plated RCA connectors
- compatible with the AVO-V3AD-WP-F wallplate balun
- rack-mountable
- no power required
- 4.3" x 2.5" x 1.0"

Part Number: **AVO-V3AD-F**

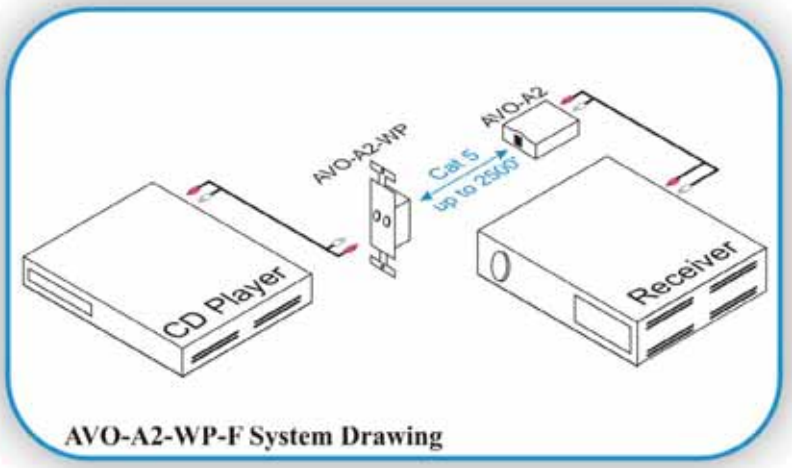
AVO-A2-WP-F

Stereo audio over Cat 5 wallplate balun

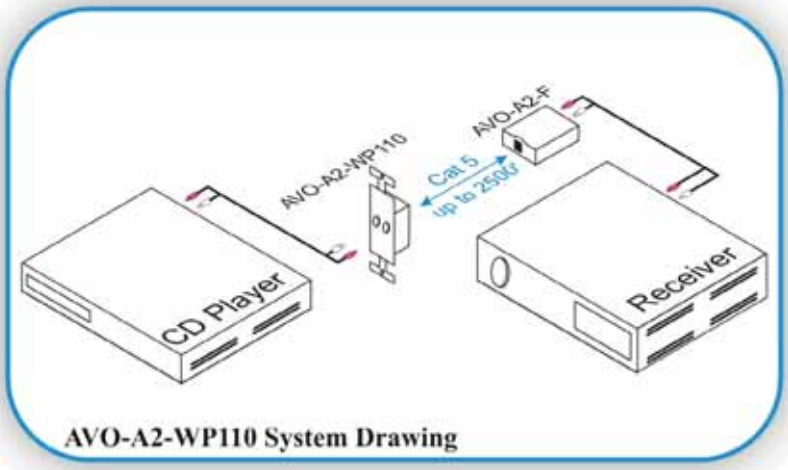
The Intelix AVO-A2-WP-F transmits high-fidelity stereo audio up to 2,500 feet over standard twisted pair cable.

- 20 Hz to 20 kHz stereo audio up to 2,500 feet
- two gold-plated RCA connectors and one RJ45 connector
- compatible with the AVO-A2-F modular balun
- fits a standard single gang wallbox and decora plate
- 4.0" x 1.4" x 1.7"

Part Number: **AVO-A2-WP-F**



AVO-A2-WP-F System Drawing



AVO-A2-WP110 System Drawing

AVO-A2-WP110

Stereo audio over Cat 5 balun

The Intelix AVO-A2-WP110 transmits high-fidelity stereo audio up to 2,500 feet over standard twisted pair cable.

- 20 Hz to 20 kHz stereo audio up to 2,500 feet
- two gold-plated RCA connectors and one 110 punch connector
- includes a 110 punch-down termination tool
- compatible with the AVO-A2-F modular balun
- fits a standard single gang wallbox and decora plate

Part Number: **AVO-A2-WP110**

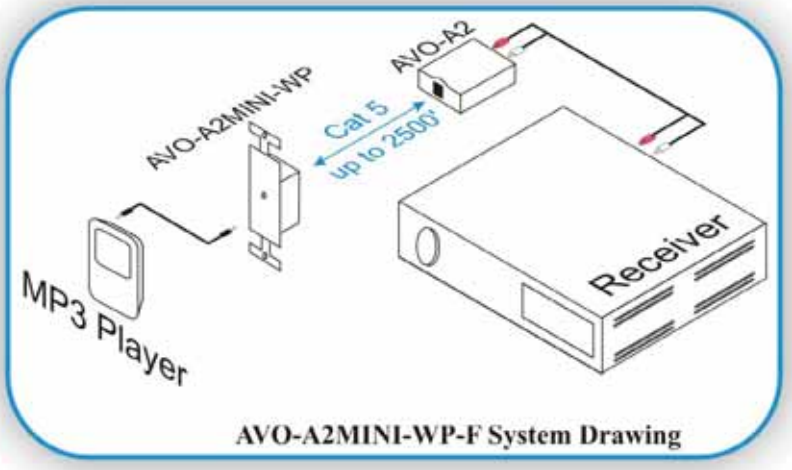
AVO-A2MINI-WP-F

Stereo audio over Cat 5 wallplate balun

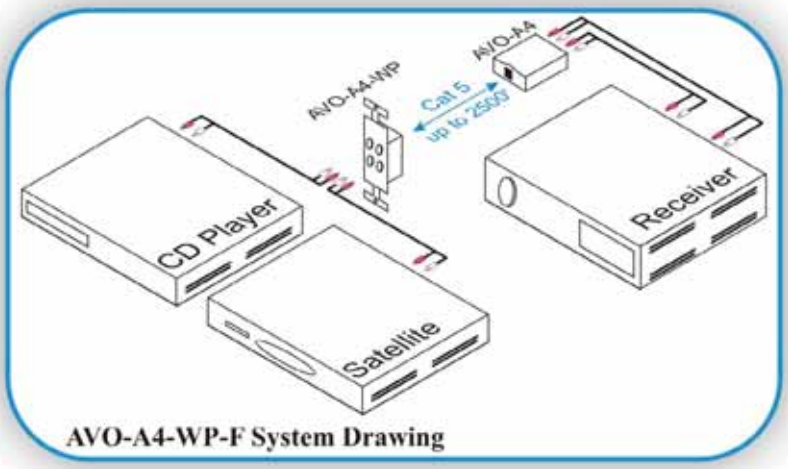
The Intelix AVO-A2MINI-WP-F transmits high-fidelity stereo audio up to 2,500 feet over standard twisted pair cable.

- 20 Hz to 20 kHz stereo audio up to 2,500 feet
- one 1/8" mini connector and one RJ45 connector
- compatible with the AVO-A2-F modular balun, and AVO-A2-WP-F and AVO-A2-WP110 wallplate baluns
- fits a standard single gang wallbox and decora plate
- 4.0" x 1.4" x 1.7"

Part Number: **AVO-A2MINI-WP-F**



AVO-A2MINI-WP-F System Drawing



AVO-A4-WP-F System Drawing

AVO-A4-WP-F

Dual stereo audio over Cat 5 wallplate balun

The Intelix AVO-A4-WP-F transmits two high-fidelity stereo audio channels up to 2,500 feet over standard twisted pair cable.

- 20 Hz to 20 kHz audio up to 2,500 feet
- four gold-plated RCA connectors and one RJ45 connector
- compatible with the AVO-A4-F modular balun
- fits a standard single gang wallbox and decora plate
- 4.0" x 1.4" x 1.7"

Part Number: **AVO-A4-WP-F**

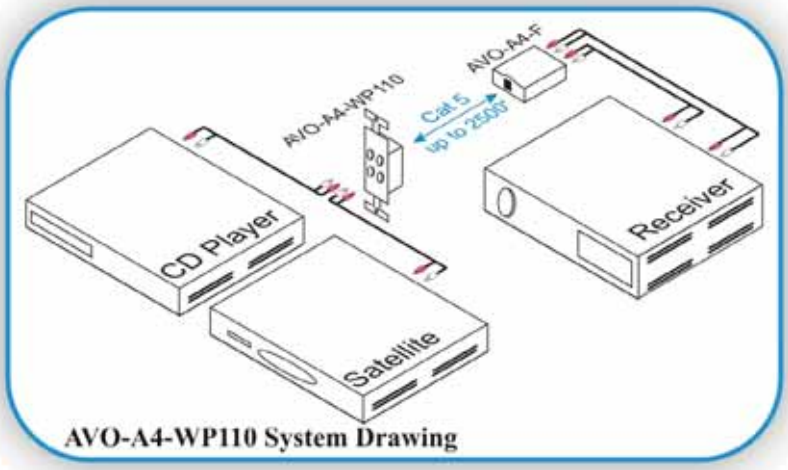
AVO-A4-WP110

Dual stereo audio over Cat 5 balun

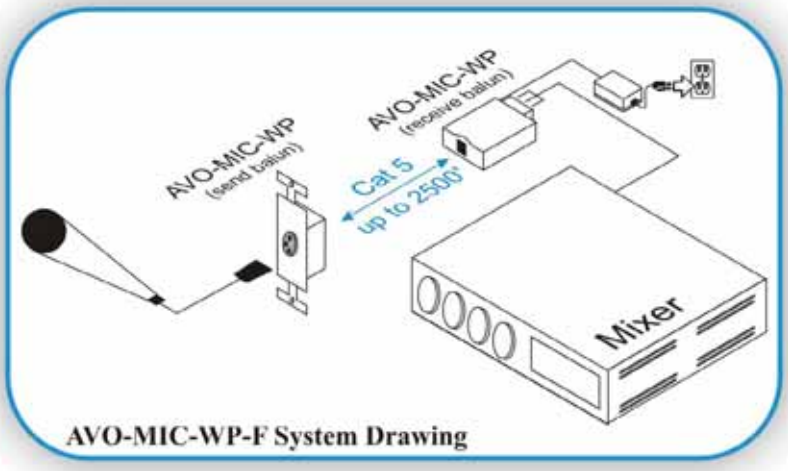
The Intelix AVO-A4-WP110 transmits two high-fidelity stereo audio channels up to 2,500 feet over standard twisted pair cable.

- 20 Hz to 20 kHz stereo audio up to 2,500 feet
- four gold-plated RCA connectors and one 110 punch connector
- includes a 110 punch-down termination tool
- compatible with the AVO-A4-F modular balun
- fits a standard single gang wallbox and decora plate

Part Number: **AVO-A4-WP110**



AVO-A4-WP110 System Drawing



AVO-MIC-WP-F System Drawing

AVO-MIC-WP-F

Mic audio & phantom power wallplate balun set

The Intelix AVO-MIC-WP-F transmits a preamplified microphone signal and phantom power up to 2,500 feet over standard Cat 5.

- 20 Hz to 20 kHz audio up to 2,500 feet
- XLR and phoenix-style terminal strip connectors
- power on the receive end
- 60 dB of microphone preamplification
- wallplate send balun and rack-mountable receive balun
- wallplate fits a standard single gang wallbox

Part Number: **AVO-MIC-WP-F**

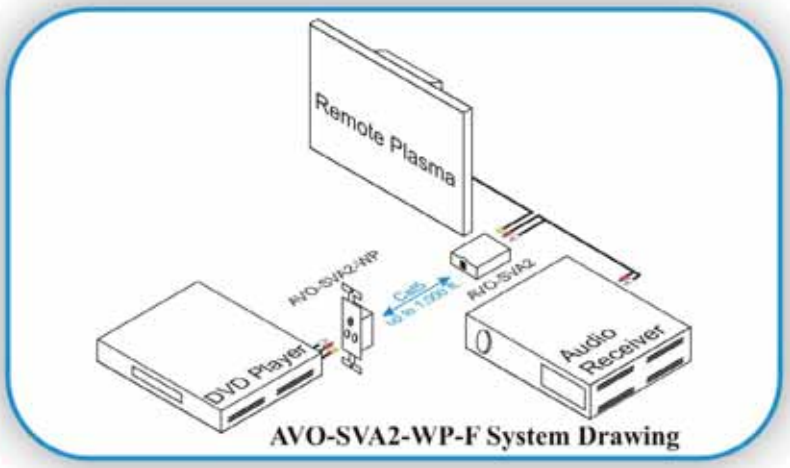
AVO-SVA2-WP-F

S-video & stereo audio wallplate balun

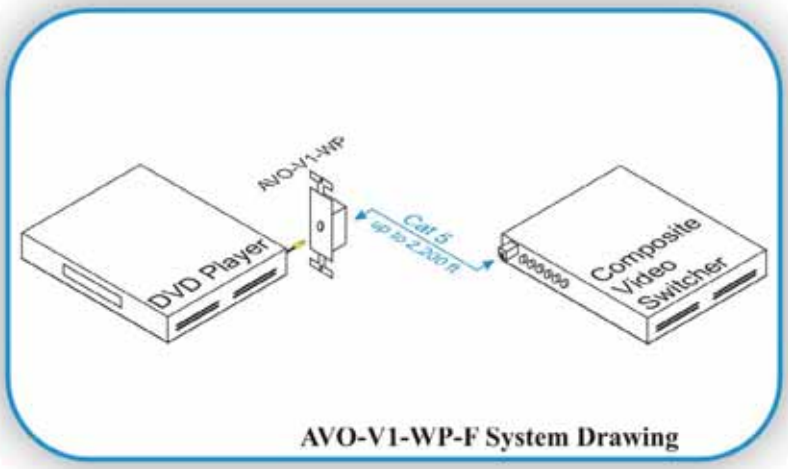
The Intelix AVO-SVA2-WP-F transmits S-video and stereo audio up to 1,000 feet over standard twisted pair cable.

- S-video and stereo audio up to 1,000 feet
- 20 Hz to 20 kHz high-fidelity audio
- 4-pin S-video (video), RCA (audio), and RJ45 connectors
- compatible with the AVO-SVA2-F modular balun
- 4.0” x 1.4” x 1.7”

Part Number: **AVO-SVA2-WP-F**



AVO-SVA2-WP-F System Drawing



AVO-V1-WP-F System Drawing

AVO-V1-WP-F

Composite video over Cat 5 wallplate balun

The Intelix AVO-V1-WP-F transmits composite video up to 2,200 feet over standard twisted pair cable.

- composite video up to 2,200 feet
- one gold-plated RCA connector and one RJ45 connector
- compatible with the AVO-V1-PAIR-F and AVO-V1-ST-PAIR-F modular baluns
- 4.0” x 1.4” x 1.7”

Part Number: **AVO-V1-WP-F**

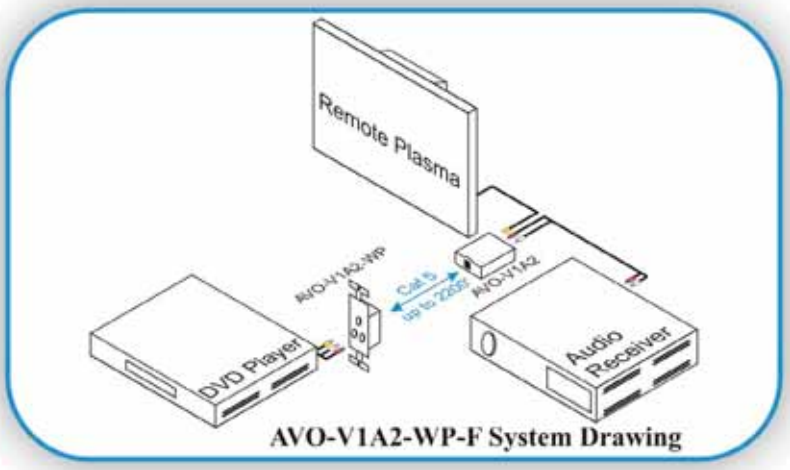
AVO-V1A2-WP-F

Composite video & stereo audio wallplate balun

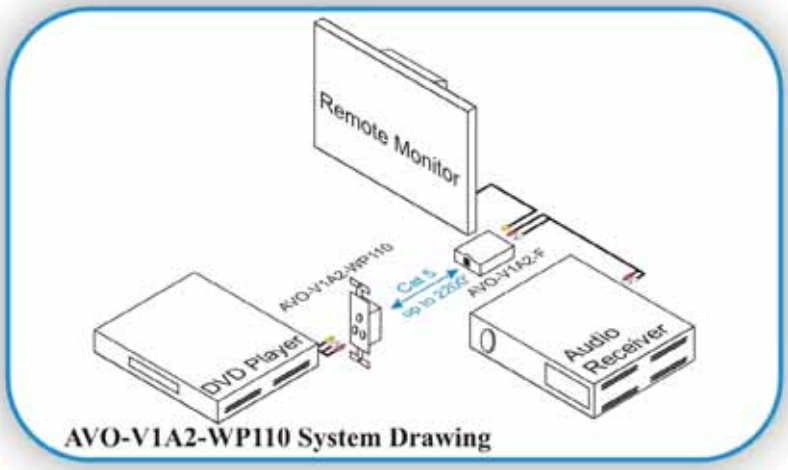
The Intelix AVO-V1A2-WP-F transmits composite video and stereo audio up to 2,200 feet over standard twisted pair cable.

- composite video and hi-fidelity stereo audio up to 2,200 feet
- three gold-plated RCA connectors and one RJ45 connector
- compatible with the AVO-V1A2-F modular balun
- fits a standard single gang wallbox and decora plate
- 4.0” x 1.4” x 1.7”
- no power required

Part Number: **AVO-V1A2-WP-F**



AVO-V1A2-WP-F System Drawing



AVO-V1A2-WP110 System Drawing

AVO-V1A2-WP110

Composite video & stereo audio over Cat 5 balun

The Intelix AVO-V1A2-WP110 transmits composite video and stereo audio up to 2,200 feet over standard twisted pair cable.

- composite video and hi-fidelity stereo audio up to 2,200 feet
- three gold-plated RCA connectors and one 110 punch connector
- includes a 110 punch-down termination tool
- compatible with the AVO-V1A2-F modular balun
- fits a standard single gang wallbox and decora plate

Part Number: **AVO-V1A2-WP110**

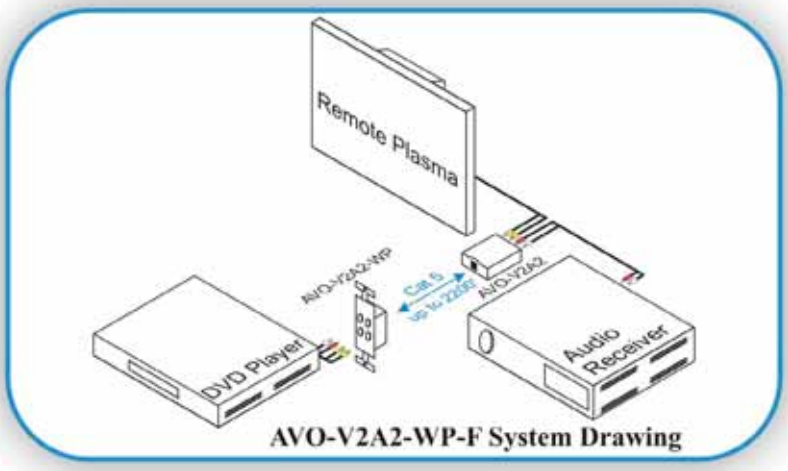
AVO-V2A2-WP-F

Dual composite video & stereo audio wallplate balun

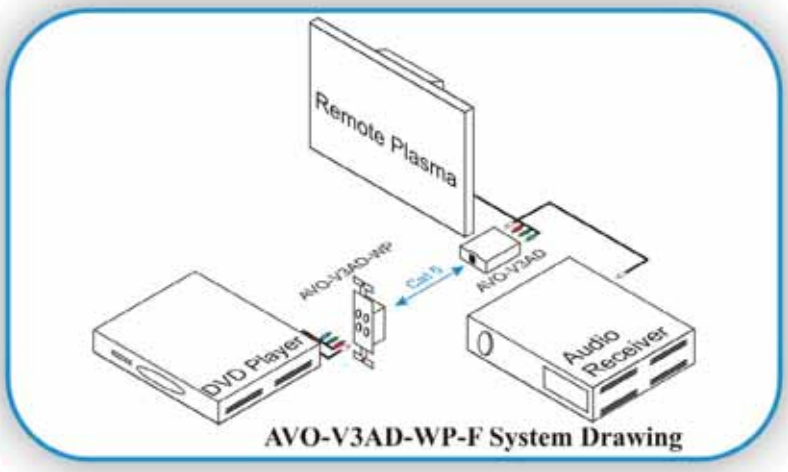
The AVO-V2A2-WP-F transmits dual composite video and stereo audio up to 2,200 feet over standard twisted pair cable.

- dual composite video and stereo audio up to 2,200 feet
- four gold-plated RCA connectors and one RJ45 connector
- compatible with the AVO-V2A2-F modular balun
- fits a standard single gang wallbox and decora plate
- 4.0” x 1.4” x 1.7”

Part Number: **AVO-V2A2-WP-F**



AVO-V2A2-WP-F System Drawing



AVO-V3AD-WP-F System Drawing

AVO-V3AD-WP-F

Component video & digital audio wallplate balun

The Intelix AVO-V3AD-WP-F transmits HD component video and digital audio up to 500 feet over standard Cat 5 cable.

- 480i, 480p, 720p or 1080i video and digital audio up to 500 feet
- four gold-plated RCA connectors and one RJ45 connector
- compatible with the AVO-V3AD-F modular balun
- fits a standard single gang wallbox and decora plate
- no power required
- 4.0” x 1.4” x 1.7”

Part Number: **AVO-V3AD-WP-F**

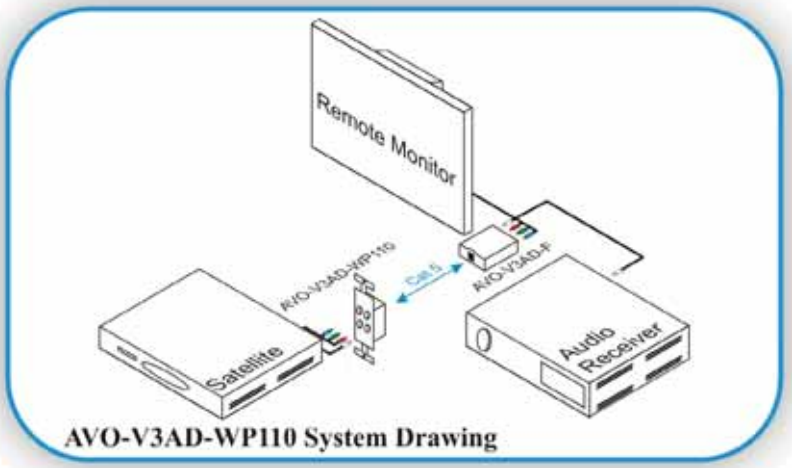
AVO-V3AD-WP110

Component video & digital audio over Cat 5 balun

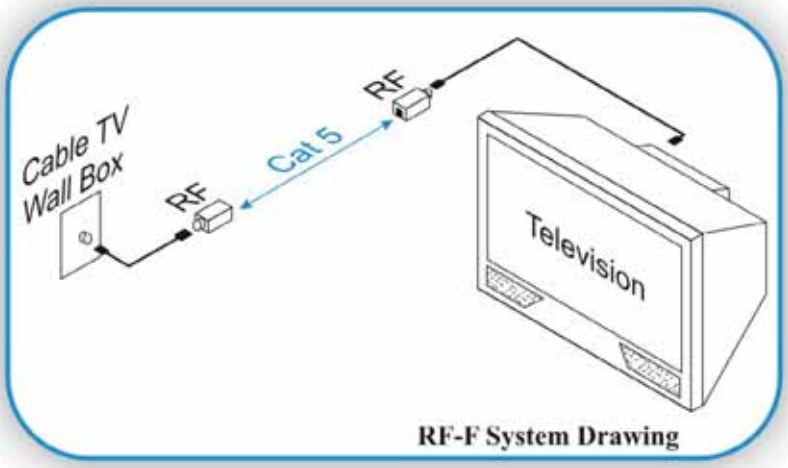
The Intelix AVO-V3AD-WP110 transmits HD component video and digital audio up to 500 feet over standard Cat 5 cable.

- 480i, 480p, 720p or 1080i video and digital audio up to 500 feet
- four gold-plated RCA connectors and one 110 punch connector
- includes a 110 punch-down termination tool
- compatible with the AVO-V3AD-F modular balun
- fits a standard single gang wallbox and decora plate

Part Number: **AVO-V3AD-WP110**



AVO-V3AD-WP110 System Drawing



RF-F System Drawing

RF-F

Broadband audio/video over Cat 5 balun

The Intelix RF-F transmits broadband (RF) video up to 330 feet over standard unshielded twisted pair cable.

- broadband video up to 330 feet
- supports CATV channels 2 - 150
- supports bandwidths 5 to 900 MHz
- rack-mountable
- 2.5” x 1.0” diameter

Part Number: **RF-F**

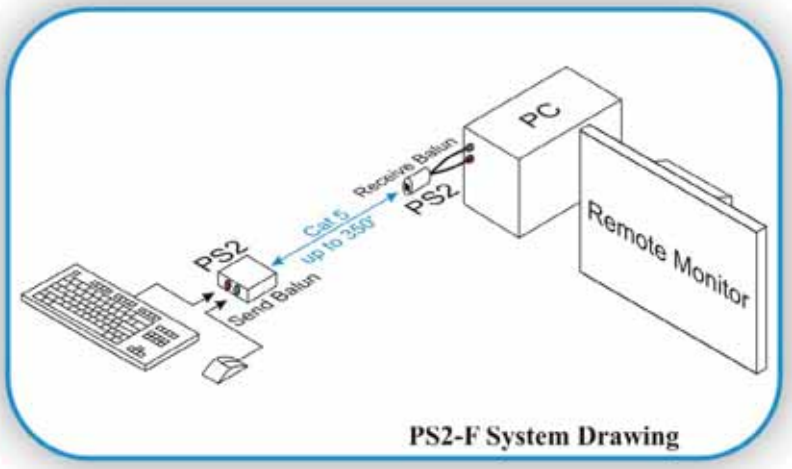
PS2-F

PS/2 keyboard & mouse over Cat 5 extender set

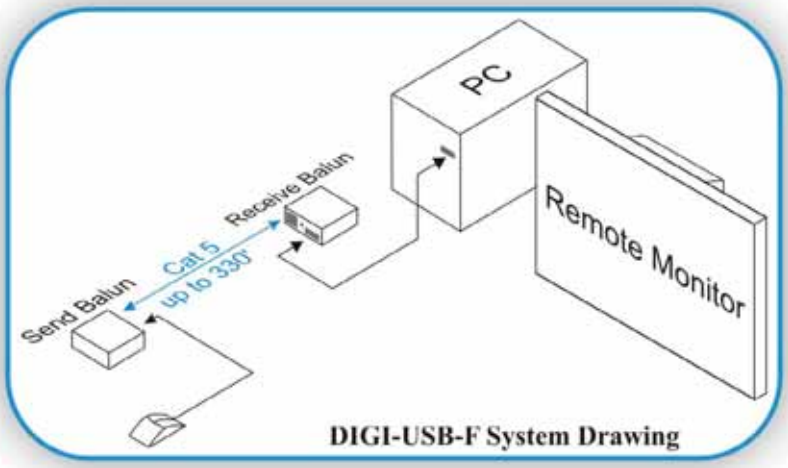
The Intelix PS2-F transmits PS/2 keyboard and mouse signals up to 350 feet over standard Cat 5 cable.

- keyboard and mouse up to 350 feet
- transmits mouse data, mouse clock, keyboard data, keyboard clock, VCC, and ground signals
- no power required
- 6-pin mini DIN connectors
- 2.4” x 2.3” x 1.0”

Part Number: **PS2-F**



PS2-F System Drawing



DIGI-USB-F System Drawing

DIGI-USB-F

Full-speed USB over Cat 5 extender set

The Intelix DIGI-USB-F transmits USB signals up to 330 feet over standard twisted pair cabling.

- 12 Mbps signals up to 100 feet
- 1.5 Mbps signals up to 330 feet
- no power supply required
- USB type B (send) and USB type A (receive) connectors
- 2.5" x 3.0" x 1.0"

Part Number: **DIGI-USB-F**

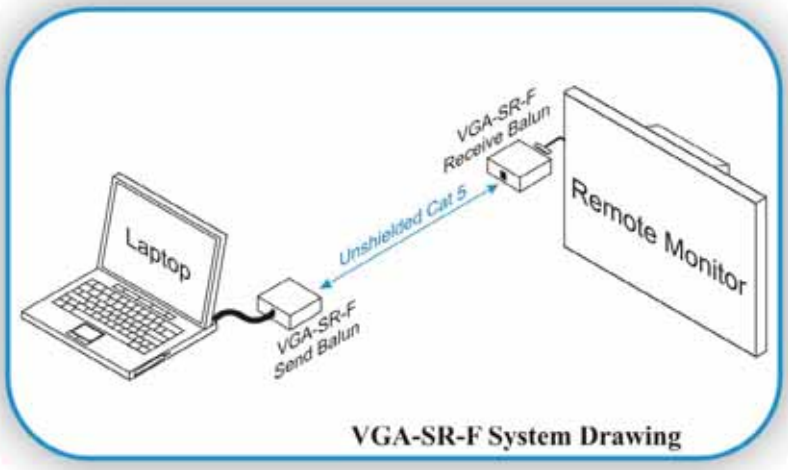
VGA-SR-F

Passive VGA over Cat 5 extender set

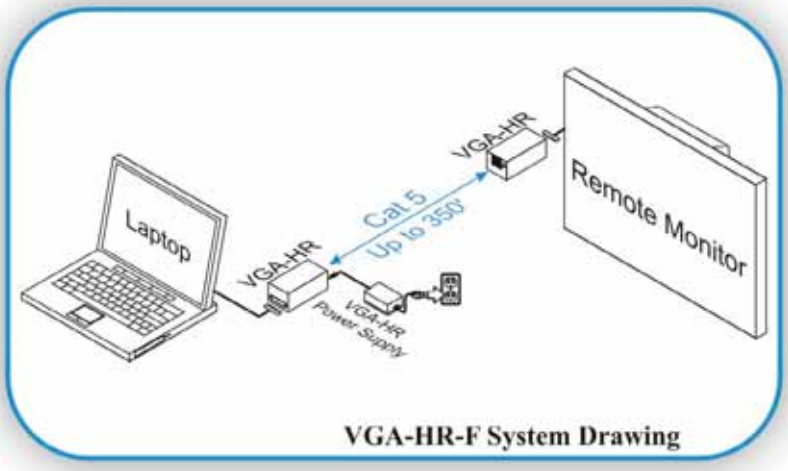
The Intelix VGA-SR-F passively transmits VGA video up to 450 feet over standard unshielded twisted pair cable.

- 1280 x 1024 signals up to 200 feet
- 640 x 480 signals up to 450 feet
- no power required
- reset switch for sync reboot
- 2.4" x 2.3" x 1.0"

Part Number: **VGA-SR-F**



VGA-SR-F System Drawing



VGA-HR-F System Drawing

VGA-HR-F

High resolution VGA over Cat 5 extender set

The Intelix VGA-HR-F transmits 1600 x 1200 VGA video up to 350 feet over standard Cat 5 cable.

- 1600 x 1200 video up to 350 feet
- 5 VDC power on the send balun only
- skew compensation
- HD15 connectors
- compact design
- 1.9" x 1.6" x 3.5"

Part Number: **VGA-HR-F**

DIGI-VGA-F

VGA and stereo audio over Cat 5 extender set

The Intelix DIGI-VGA-F transmits VGA video and high-fidelity audio up to 850 feet over standard Cat 5 cable.

- dual amplified VGA and stereo audio outputs
- USB or DC power
- skew compensation
- supports resolutions up to 1920 x 1200
- 6.3” x 1.3” x 3.3”

Part Number: **DIGI-VGA-F**

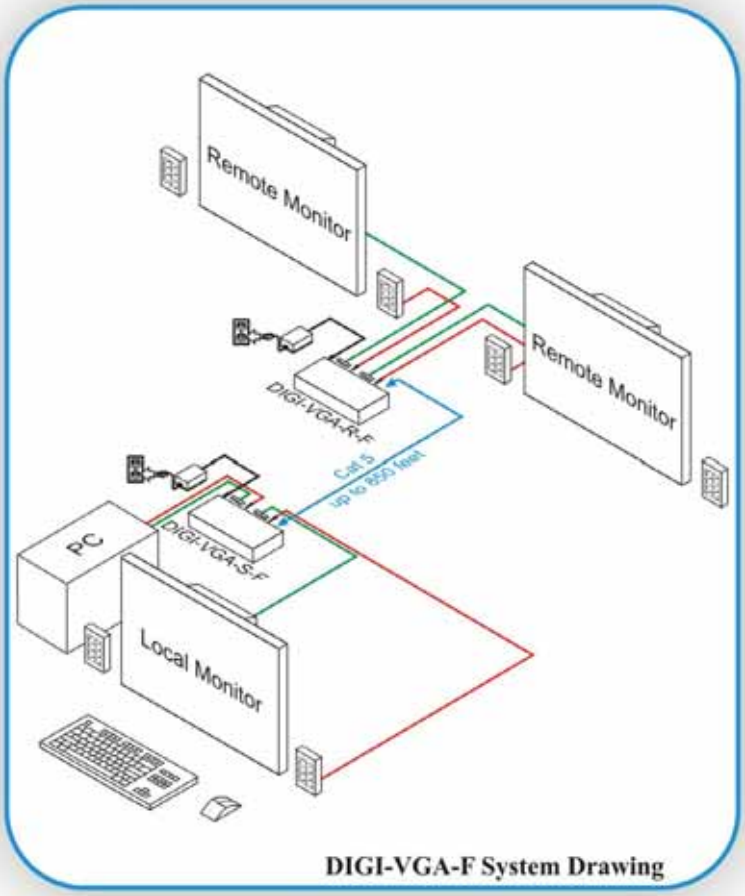
VGA-UHR-F

Ultra-high resolution VGA over Cat 5 extender set

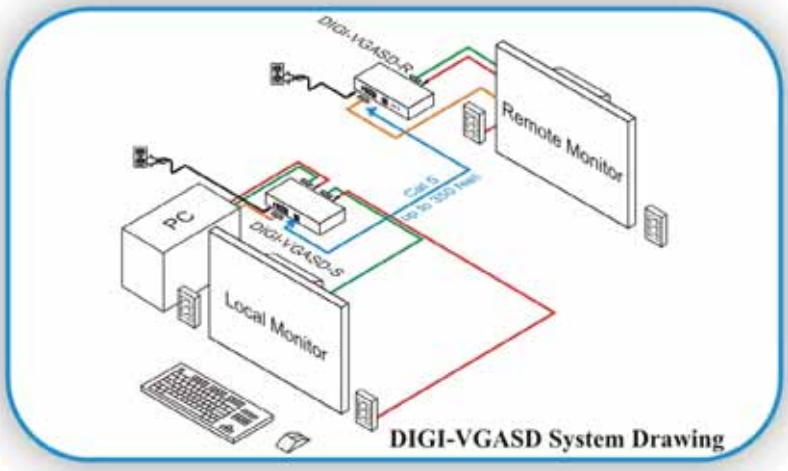
The Intelix VGA-UHR-F transmits high-definition 1920 x 1200 VGA video up to 550 feet over standard Cat 5 cable.

- 1920 x 1200 video up to 550 feet
- 5 VDC power on the send balun only
- skew compensation and gain control
- HD15 connectors
- 1.9” x 1.6” x 3.5”

Part Number: **VGA-UHR-F**



DIGI-VGA-F System Drawing



DIGI-VGASD System Drawing

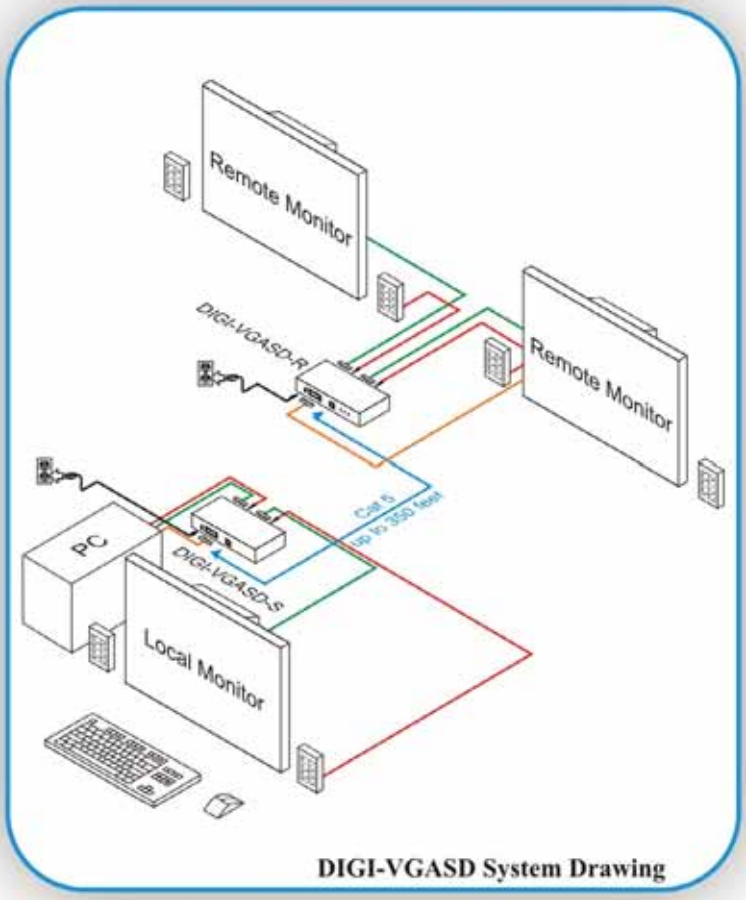
DIGI-VGASD

VGA, stereo audio, IR & RS232 extender set

The Intelix DIGI-VGASD transmits VGA video, stereo audio, and IR or RS232 over a single twisted pair cable.

- 1600 x 1200 video up to 350 feet
- hi-fidelity analog stereo audio
- skew compensation
- built-in distribution amplifiers
- includes one send balun, one receive balun, and two power supplies

Part Number: **DIGI-VGASD**



DIGI-VGASD System Drawing

DIGI-VGASD-R

VGA, stereo audio, IR & RS232 receiver

The Intelix DIGI-VGASD-R active receive balun receives VGA, stereo audio, IR or RS232 from a compatible transmit balun.

- built-in distribution amplifier
- built-in equalization
- compatible send baluns: DIGI-VGASD-S, DIGI-VGASD-
- WP-S, DIGI-VGASD-T4, DIGI-VGASD-T8
- includes one receive balun and one power supply

Part Number: **DIGI-VGASD-R**

DIGI-VGASD-S

VGA, stereo audio, IR & RS232 transmitter

The Intelix DIGI-VGASD-S active send balun transmits VGA, stereo audio, IR or RS232 to a compatible receive balun.

- built-in distribution amplifier for local monitor output
- hi-fidelity analog stereo audio
- includes one send balun and one power supply
- compatible receive baluns: DIGI-VGASD-R and DIGI-VGASD-WP-R

Part Number: **DIGI-VGASD-R**

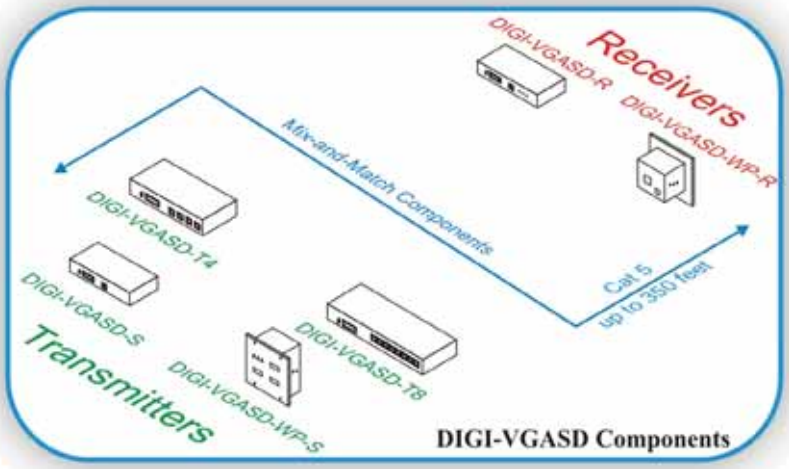
DIGI-VGASD-T4

VGA, stereo audio, IR & RS232 1x4 transmitter

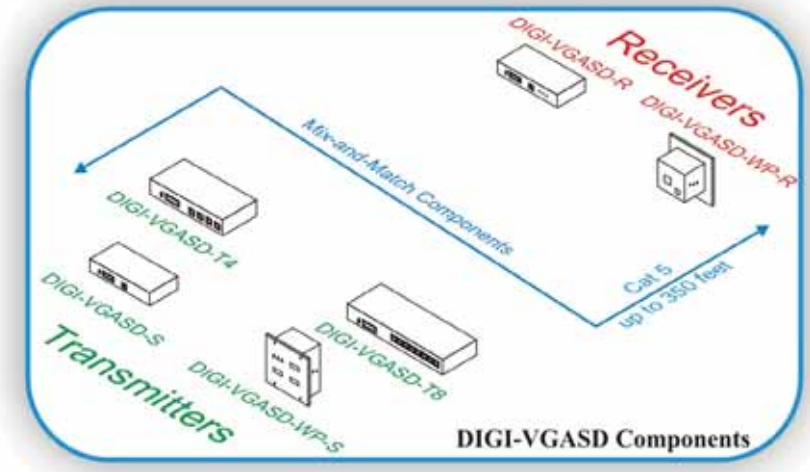
The Intelix DIGI-VGASD-T4 active send balun transmits a single VGA, stereo audio, IR or RS232 source to four compatible receive baluns.

- 1 input to 4 output distribution amplifier
- local monitor output
- analog audio/video input and twisted pair outputs
- includes one send balun and one power supply
- compatible receive baluns: DIGI-VGASD-R and DIGI-VGASD-WP-R

Part Number: **DIGI-VGASD-T4**



DIGI-VGASD Components



DIGI-VGASD Components

DIGI-VGASD-T4R

VGA, stereo audio, IR & RS232 1x4 extender set

The Intelix DIGI-VGASD-T8R active send balun transmits a single VGA, stereo audio, IR or RS232 source to four compatible receive baluns.

- 1600 x 1200 video up to 350 feet
- hi-fidelity analog stereo audio
- skew compensation
- includes one 1x4 send balun, one receive balun, and two power supplies

Part Number: **DIGI-VGASD-T4R**

DIGI-VGASD-T8R

VGA, stereo audio, IR & RS232 1x8 extender set

The Intelix DIGI-VGASD-T8R active send balun transmits a single VGA, stereo audio, IR or RS232 source to eight compatible receive baluns.

- 1600 x 1200 video up to 350 feet
- hi-fidelity analog stereo audio
- skew compensation
- includes one 1x8 send balun, one receive balun, and two power supplies

Part Number: **DIGI-VGASD-T8R**

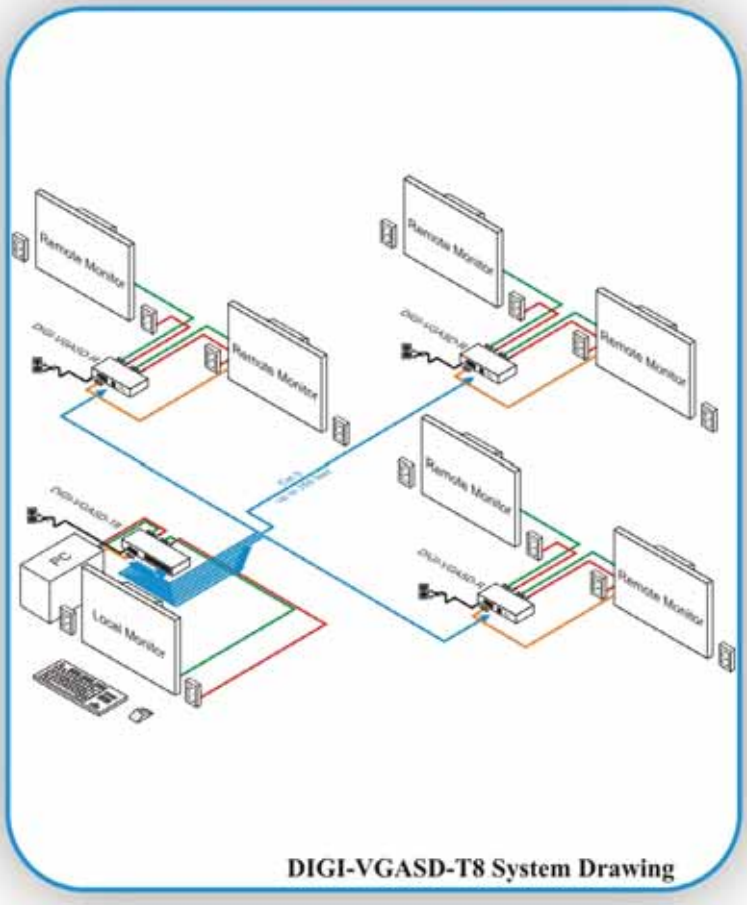
DIGI-VGASD-T8

VGA, stereo audio, IR & RS232 1x8 transmitter

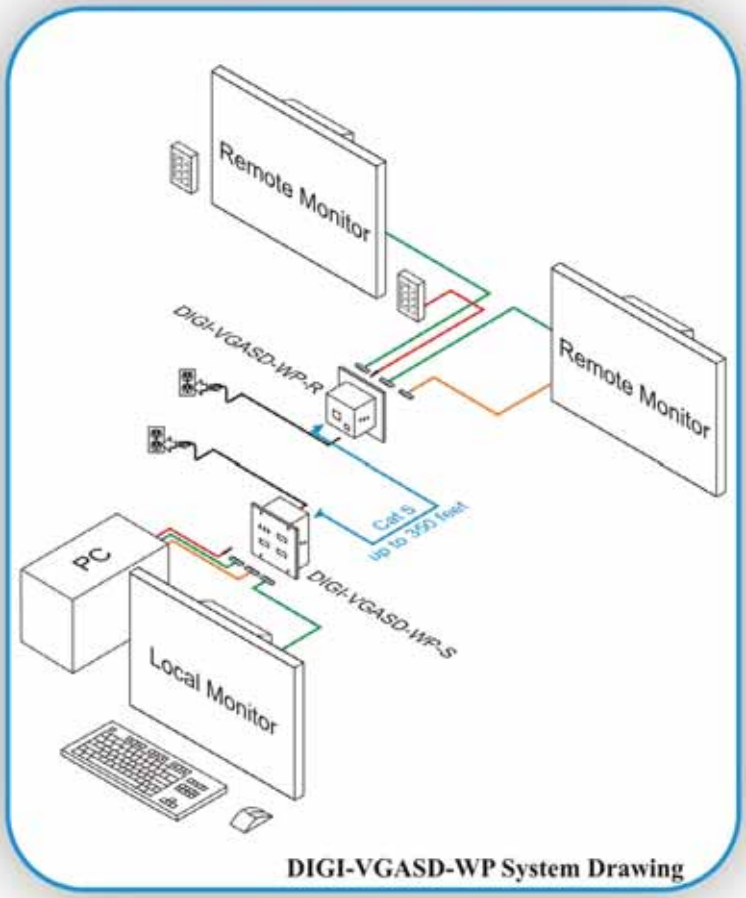
The Intelix DIGI-VGASD-T8 active send balun transmits a single VGA, stereo audio, IR or RS232 source to eight compatible receive baluns.

- 1 input to 8 output distribution amplifier
- local monitor output
- analog audio/video input and twisted pair outputs
- includes one send balun and one power supply
- compatible receive baluns: DIGI-VGASD-R and DIGI-VGASD-WP-R

Part Number: **DIGI-VGASD-T8**



DIGI-VGASD-T8 System Drawing



DIGI-VGASD-WP System Drawing

DIGI-VGASD-WP

VGA, stereo audio, IR & RS232 extender set

The Intelix DIGI-VGASD-WP transmits VGA video, stereo audio, and IR or RS232 over a single twisted pair cable.

- 1600 x 1200 video up to 350 feet
- double-gang white wallplate
- hi-fidelity analog stereo audio
- skew compensation
- includes one send balun, one receive balun, & two power supplies

Part Number: **DIGI-VGASD-WP**

DIGI-VGASD-WP-R

VGA, stereo audio, IR & RS232 receiver

The Intelix DIGI-VGASD-WP-R active receive balun receives VGA, stereo audio, IR or RS232 from a compatible transmit balun.

- built-in distribution amplifier and equalization
- double-gang white wallplate
- compatible send baluns: DIGI-VGASD-S, DIGI-VGASD-
- WP-S, DIGI-VGASD-T4, DIGI-VGASD-T8
- includes one receive balun and one power supply

Part Number: **DIGI-VGASD-WP-R**

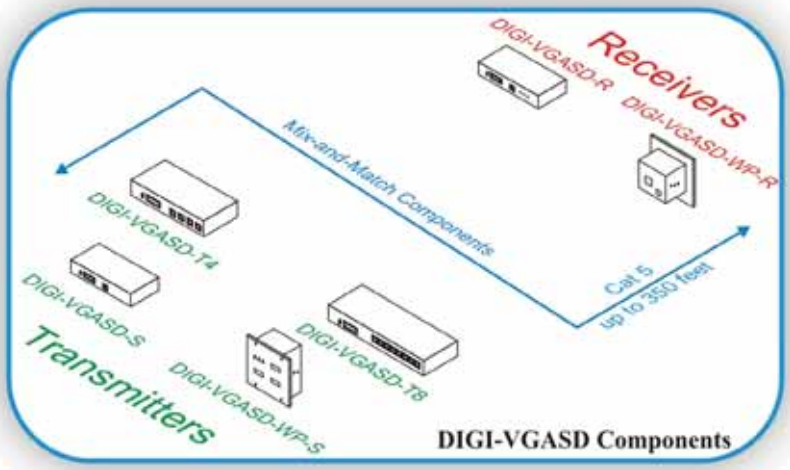
DIGI-VGASD-WP-S

VGA, stereo audio, IR & RS232 transmitter

The Intelix DIGI-VGASD-WP-S active send balun transmits VGA, stereo audio, IR or RS232 to a compatible receive balun.

- built-in distribution amplifier for local monitor output
- double-gang white wallplate
- hi-fidelity analog stereo audio
- includes one send balun and one power supply
- compatible receive baluns: DIGI-VGASD-R and DIGI-VGASD-WP-R

Part Number: **DIGI-VGASD-WP-R**



DIGI-VGASD Components

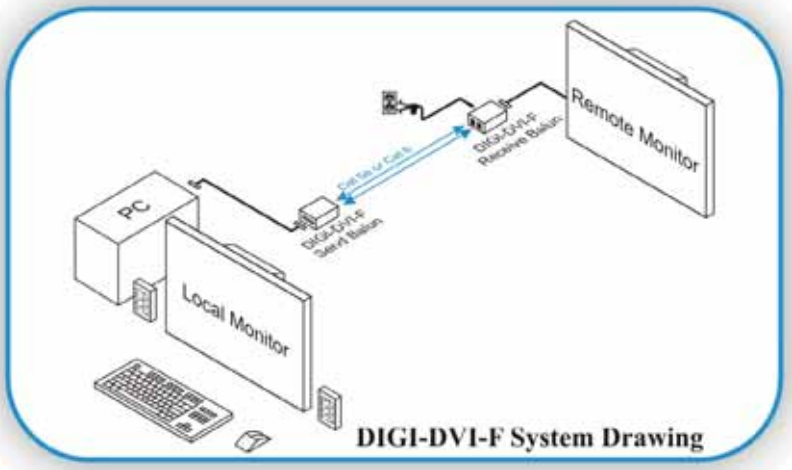
DIGI-DVI-F

High-definition DVI over Cat 5e extender set

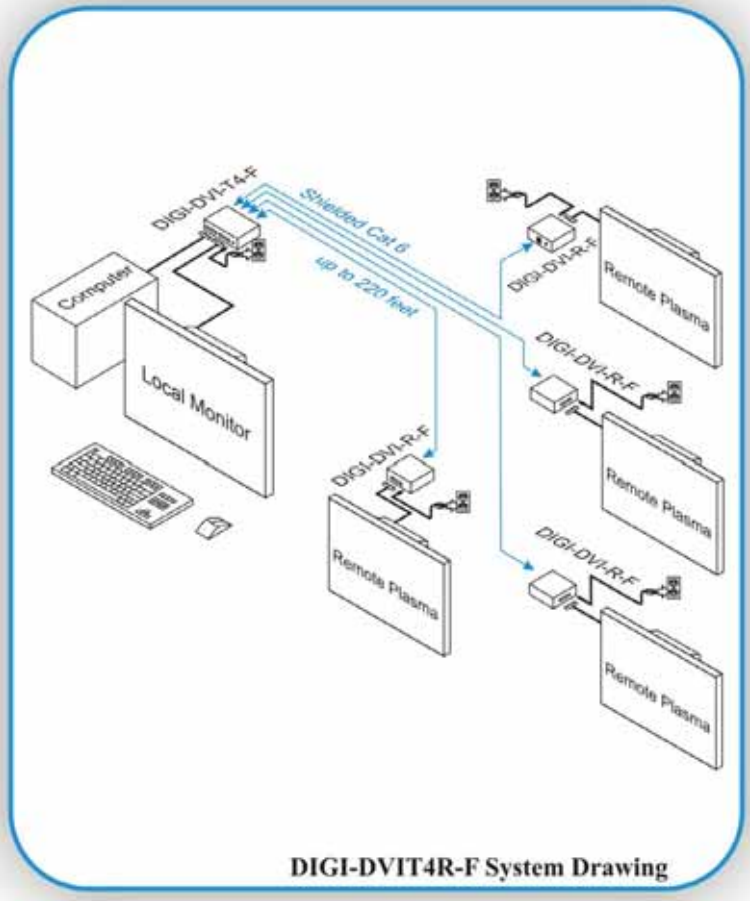
The Intelix DIGI-DVI-F transmits high-definition DVI signals up to 150 feet over two Cat 5e or Cat 6 cables.

- 480i, 480p, 720p, 1080i up to 150 feet
- MAC compatible
- diagnostic power and status LEDs
- power on either the send or receive end
- 3.3" x 1.8" x 0.9"

Part Number: **DIGI-DVI-F**



DIGI-DVI-F System Drawing



DIGI-DVIT4R-F System Drawing

DIGI-DVIT4R-F

1x4 DVI over Cat 6 distribution system

The Intelix DIGI-DVIT4R-F distributes a single DVI input to four remote receivers over a single Cat 6 cable.

- distribute high-definition DVI-D signals up to 220 feet
- supports resolutions up to 1920 x 1080
- system includes one 4-port send balun and one receive balun
- automatic EDID learning to ensure proper sync
- local monitor output

Part Number: **DIGI-DVIT4R-F**
Additional Recieve Baluns: **DIGI-DVI-R-F**

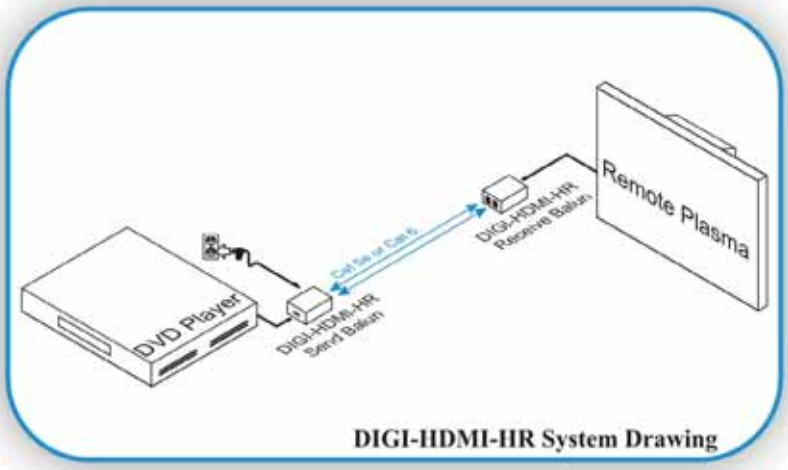
DIGI-DVIT2R-F

1x2 DVI over Cat 6 distribution system

The Intelix DIGI-DVIT2R-F distributes a single DVI input to two remote receivers over a single Cat 6 cable.

- distribute high-definition DVI-D signals up to 220 feet
- supports resolutions up to 1920 x 1080
- system includes one 2-port send balun and one receive balun
- automatic EDID learning to ensure proper sync
- local monitor output

Part Number: **DIGI-DVIT2R-F**
Additional Recieve Baluns: **DIGI-DVI-R-F**



DIGI-HDMI-HR System Drawing

DIGI-HDMI-HR

1080i HDMI over twisted pair extender set

The Intelix DIGI-HDMI-HR transmits a high-definition HDMI signal up to 150 feet over two Cat 5e or Cat 6 cables.

- 480i, 480p, 720p, 1080i up to 150 feet
- diagnostic power and status LEDs
- powered on either the send or receive end
- 3.3” x 1.8” x 0.9”
- includes one send balun, one receive balun, and one power supply

Part Number: **DIGI-HDMI-HR**

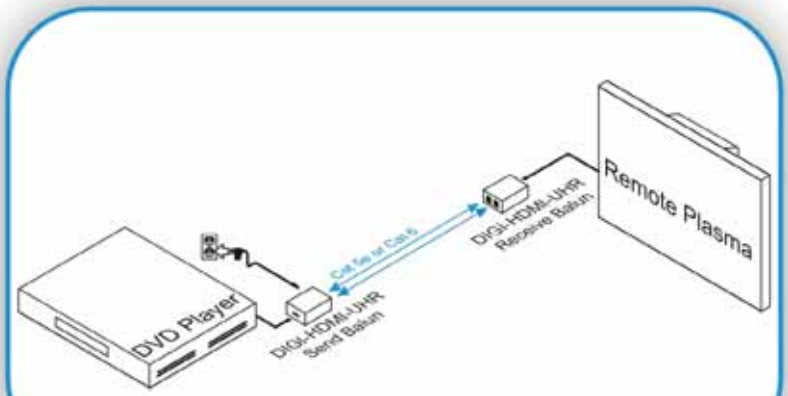
DIGI-HDMI-UHR

1080p HDMI over twisted pair extender set

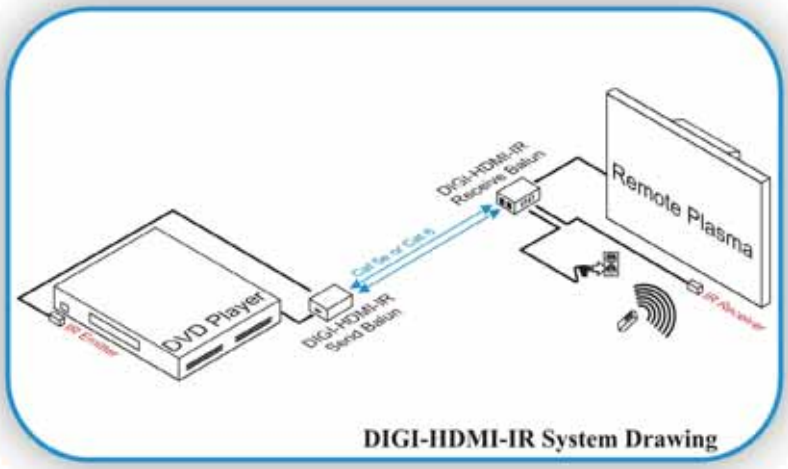
The Intelix DIGI-HDMI-UHR transmits a high-definition HDMI signal up to 150 feet over two Cat 5e or Cat 6 cables.

- 480i, 480p, 720p, 1080i up to 150 feet
- 1080p up to 100 feet
- diagnostic power and status LEDs
- powered on either the send or receive end
- includes one send balun, one receive balun, and one power supply

Part Number: **DIGI-HDMI-UHR**



DIGI-HDMI-UHR System Drawing



DIGI-HDMI-IR System Drawing

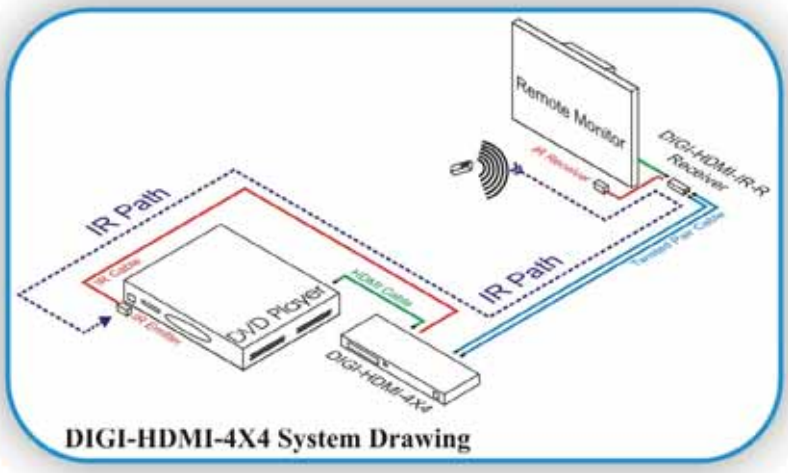
DIGI-HDMI-IR

HDMI and IR over twisted pair extender set

The Intelix DIGI-HDMI-IR transmits high-definition HDMI and IR signals up to 150 feet over two Cat 5e or Cat 6 cables.

- 480i, 480p, 720p, 1080i up to 150 feet
- 1080p up to 100 feet
- diagnostic power and status LEDs
- powered on the receive end
- includes send and receive baluns, power supply, IR emitter, and IR receiver

Part Number: **DIGI-HDMI-IR**



DIGI-HDMI-4X4 System Drawing

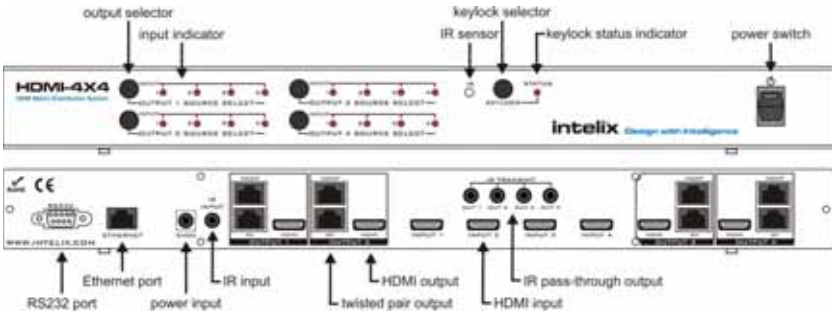
DIGI-HDMI-4X4

4x4 HDMI with twisted pair matrix

The Intelix DIGI-HDMI-4X4 matrix distribution system switches four HDMI inputs to four HDMI outputs *and* four twisted pair outputs.

- four HDMI inputs
- four HDMI outputs and four twisted pair balun outputs
- 1080i and 1080p compatible
- HDMI 1.3b compliant
- front panel, Ethernet, RS232 and IR control
- includes wireless remote
- distributes four IR signals from remote destinations to local IR sources
- remote distribution up to 150 feet with twisted pair receivers

Part Number: **DIGI-HDMI-4X4**
Compatible Receive Balun: **DIGI-HDMI-HR-R**
Compatible Receive Balun: **DIGI-HDMI-IR-R**



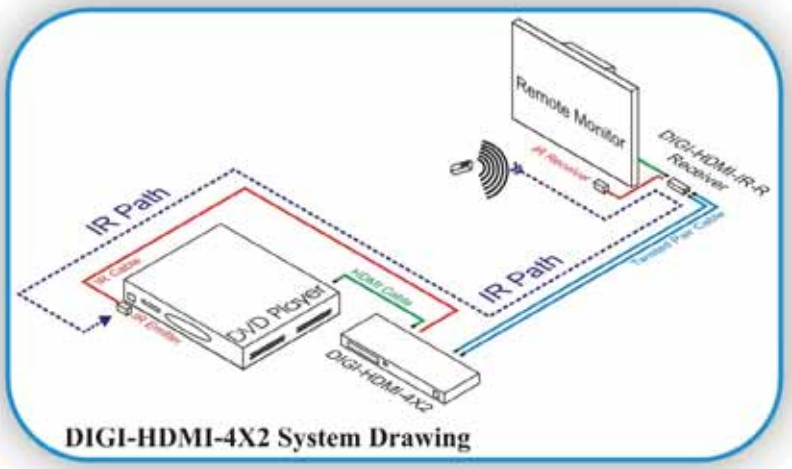
DIGI-HDMI-4X2

4x2 HDMI with twisted pair matrix

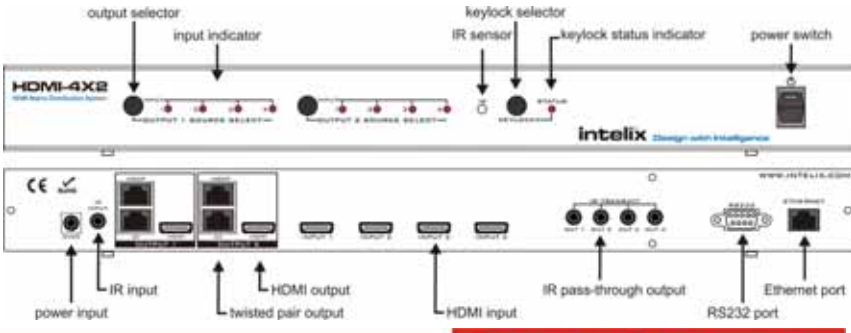
The Intelix DIGI-HDMI-4X2 matrix distribution system switches four HDMI inputs to two HDMI outputs *and* two twisted pair outputs.

- four HDMI inputs
- two HDMI outputs and two twisted pair balun outputs
- 1080i and 1080p compatible
- HDMI 1.3b compliant
- front panel, Ethernet, RS232 and IR control
- includes wireless remote
- distributes four IR signals from remote destinations to local IR sources
- remote distribution up to 150 feet with twisted pair receivers

Part Number: **DIGI-HDMI-4X2**
Compatible Receive Balun: **DIGI-HDMI-HR-R**
Compatible Receive Balun: **DIGI-HDMI-IR-R**



DIGI-HDMI-4X2 System Drawing



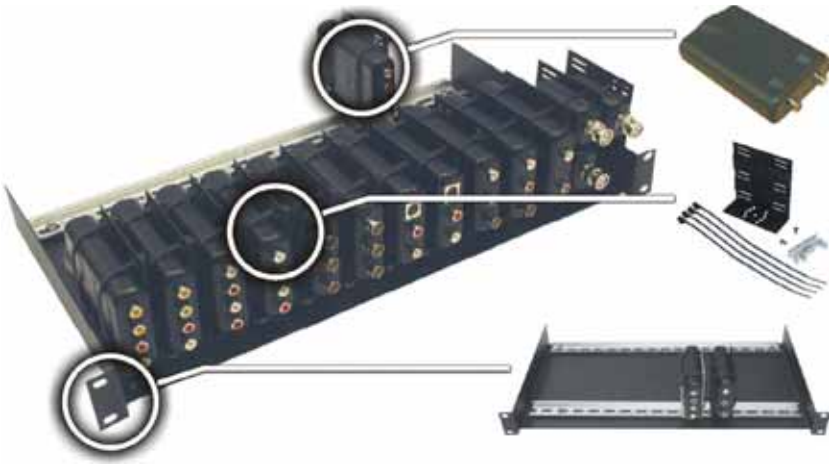
DIN-RACK-KIT-F

Balun 19" rack mounting tray

The Intelix DIN-RACK-KIT-F rack tray allows Intelix baluns to be rack mounted when used with Intelix AVO-CLIP-Fs.

- 10" overall depth
- 25 lb. supported weight
- Two mounted 35mm DIN rails
- supports two rows of 13 Intelix AVO-CLIP-Fs (26 total)
- 19.00" x 10.00" x 1.75"

Part Number: **DIN-RACK-KIT-F**



AVO-CLIP-F

Balun mounting bracket

The Intelix AVO-CLIP-F allows Intelix baluns to be mounted on a 19" rack tray (DIN-RACK-KIT-F), standard DIN rail, or any other screw-mountable surface.

- includes (1) mounting bracket, (1) 35mm DIN rail clip, (2) DIN rail clip mounting screws, and (4) tie fasteners
- ideal for Intelix baluns and other small equipment which requires securing

Part Number: **AVO-CLIP-F**

AVO-CLIP-F Dimensions: 3.25" x 1.25" x 3.00"

8002-MCB-PHNX-3

8 input x 2 output mic/line mixer

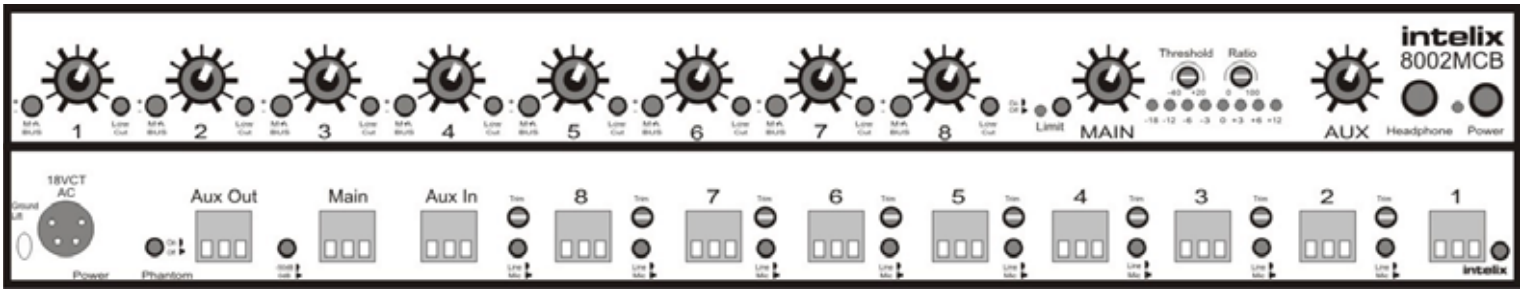
The Intelix 8002MCB-PHNX-3 mic/line mixer is a solid solution for applications where space is tight and extremely high-quality performance is required at a very reasonable price. The 8002MCB-PHNX-3 features phoenix-style terminal strip connectors.

8-channel, dual bus mic/line mixing. Recessed selector switches allow bussing of input signals to the main, AUX, or both outputs.

Dual function LED VU meter. The multi-colored LED may be internally jumpered to meter either the main or AUX bus.

Studio quality compression and limiting. The front panel compressor/limiter threshold is adjustable from -40 dB to +20 dB.

Actively balanced inputs and outputs. Each input has a -50 dB mic/line pad and low cut filter. Units also include a versatile 9th AUX input and mic/line pad on the main output.



8002-MCB-XLR-3

8 input x 2 output mic/line mixer

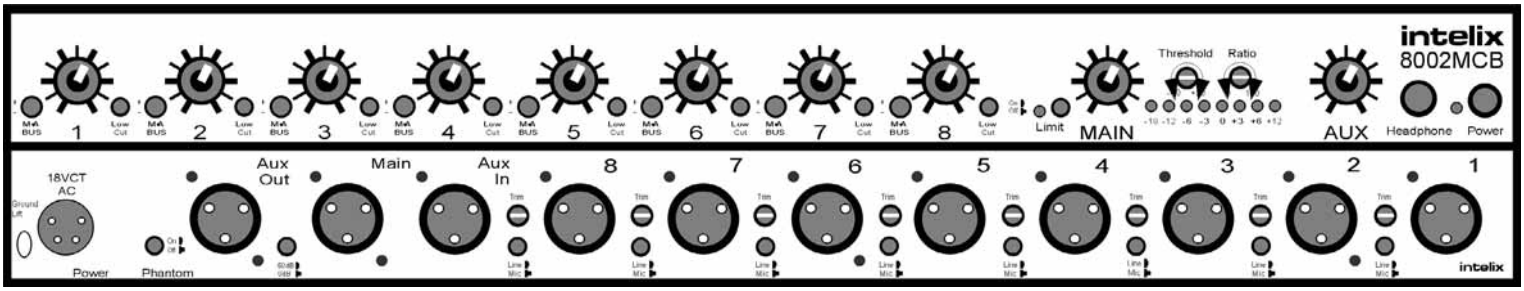
The Intelix 8002MCB-XLR-3 mic/line mixer is a solid solution for applications where space is tight and extremely high-quality performance is required at a very reasonable price. The 8002MCB-XLR-3 features studio-grade XLR connectors.

8-channel, dual bus mic/line mixing. Recessed selector switches allow bussing of input signals to the main, AUX, or both outputs.

Dual function LED VU meter. The multi-colored LED may be internally jumpered to meter either the main or AUX bus.

Studio quality compression and limiting. The front panel compressor/limiter threshold is adjustable from -40 dB to +20 dB.

Actively balanced inputs and outputs. Each input has a -50 dB mic/line pad and low cut filter. Units also include a versatile 9th AUX input and mic/line pad on the main output.



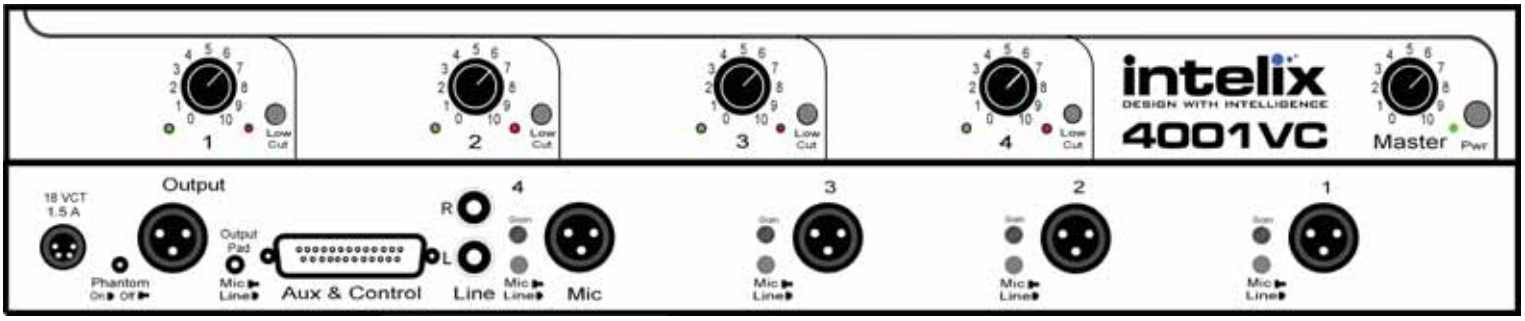
4001VC

4 input x 1 output mic/line mixer

The Intelix 4001VC is an ideal mic/line mixer for boardroom, house of worship, education, and government applications.

The 4001VC features manual volume ducking, phantom power, a stereo line level input, a low cut filter, and remote volume control. In addition, voltage controlled attenuators offer flexible level control and won't "click" or "pop" after years of heavy use.

The 4001VC's volume and mixing functions may be controlled remotely using a 10 kOhm potentiometer.



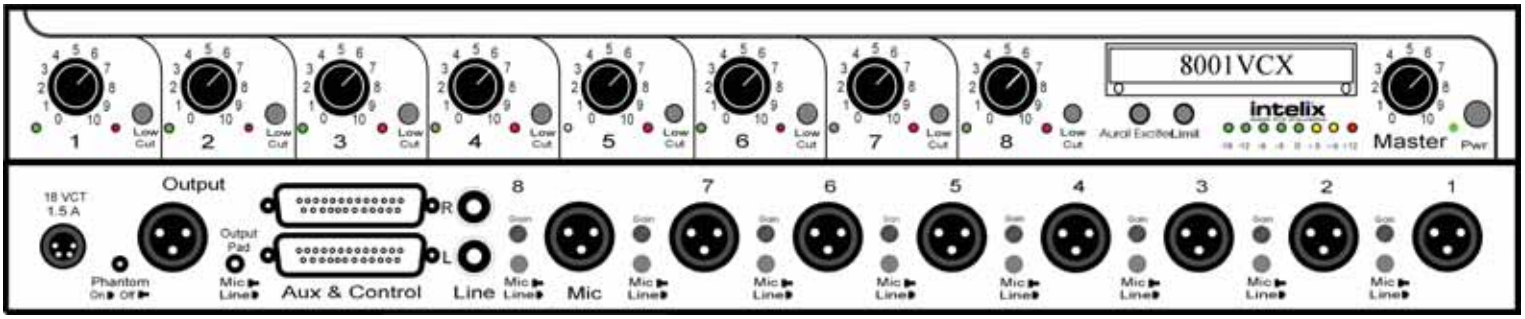
8001VCX

8 input x 1 output mic/line mixer

The Intelix 8001VCX is an ideal mic/line mixer for boardroom, house of worship, education, and government applications.

The 8001VCX features manual volume ducking, phantom power, a stereo line level input, a low cut filter, remote volume control, individual channel signal present and clip LED's, master output VU metering, APHEX Aural Exciters, and an insert patch or direct out for all channels. In addition, voltage controlled attenuators offer flexible level control and won't "click" or "pop" after years of heavy use.

The 8001VCX's volume and mixing functions may be controlled remotely using a 10 kOhm potentiometer.



AUDISEY *Athena*

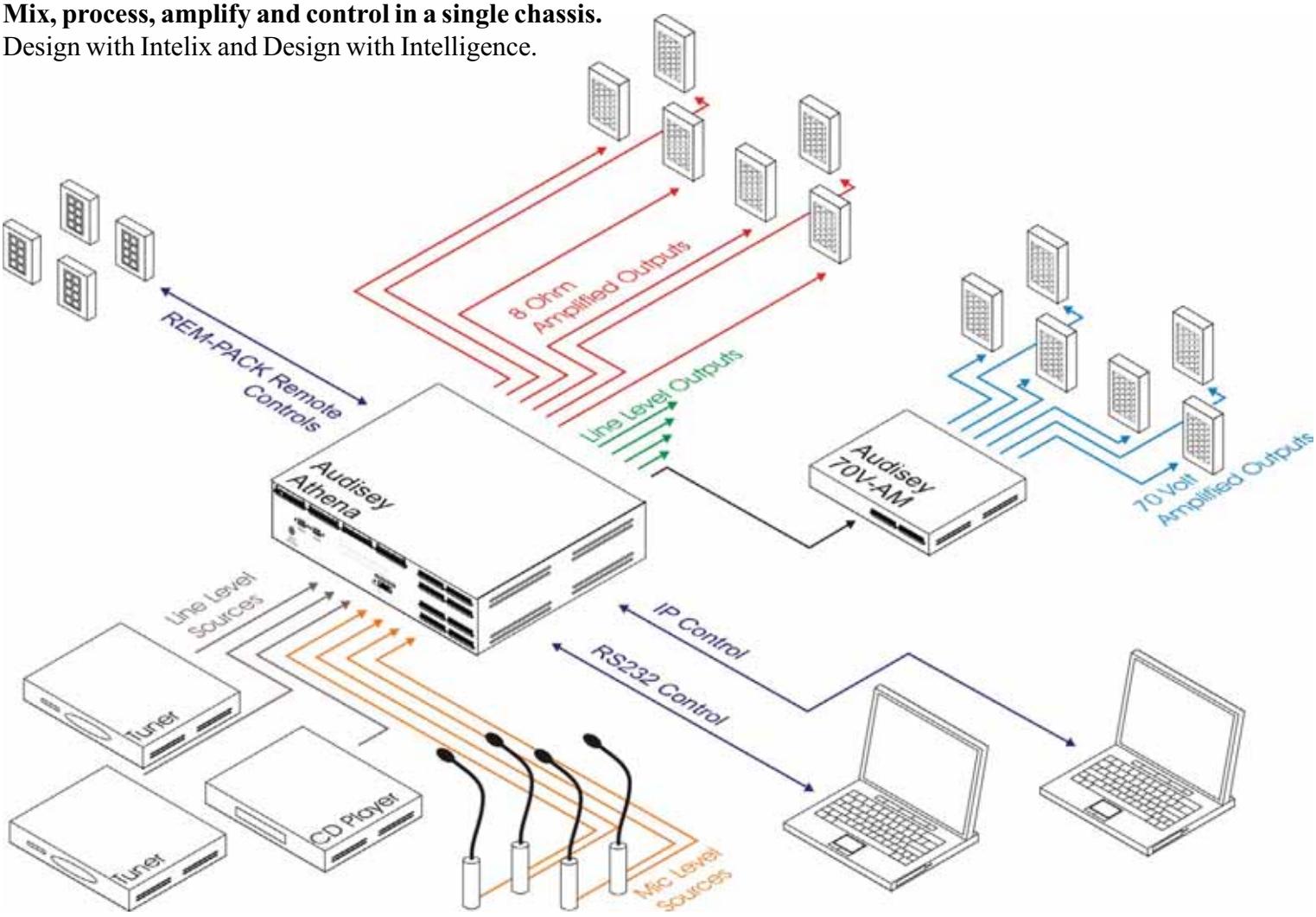
Audio Matrix Mixer/Amplifier

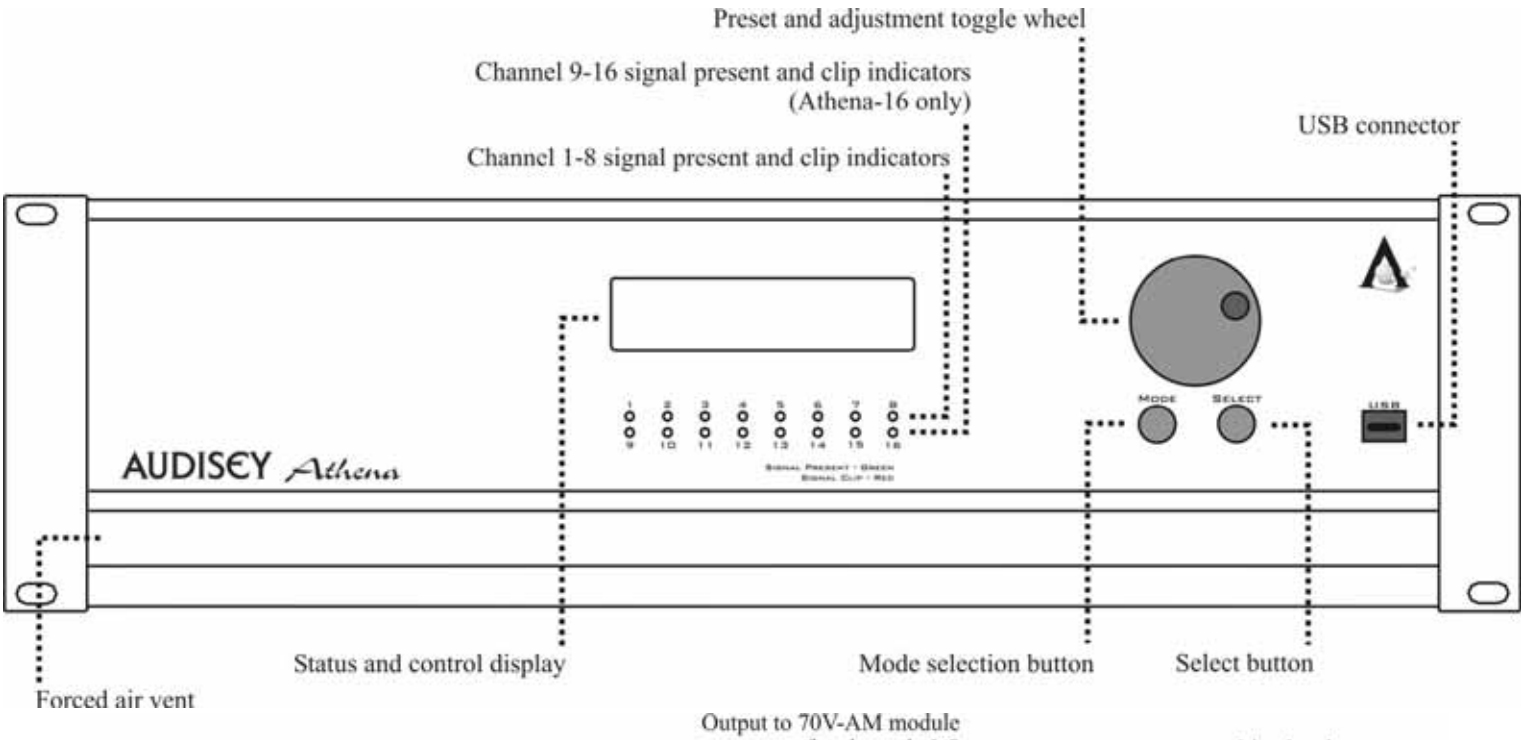
The Intelix Audisey Athena combines the performance of a true matrix mixer with the flexibility and digital signal processing of a digital amplifier--all in a single, intuitive package.

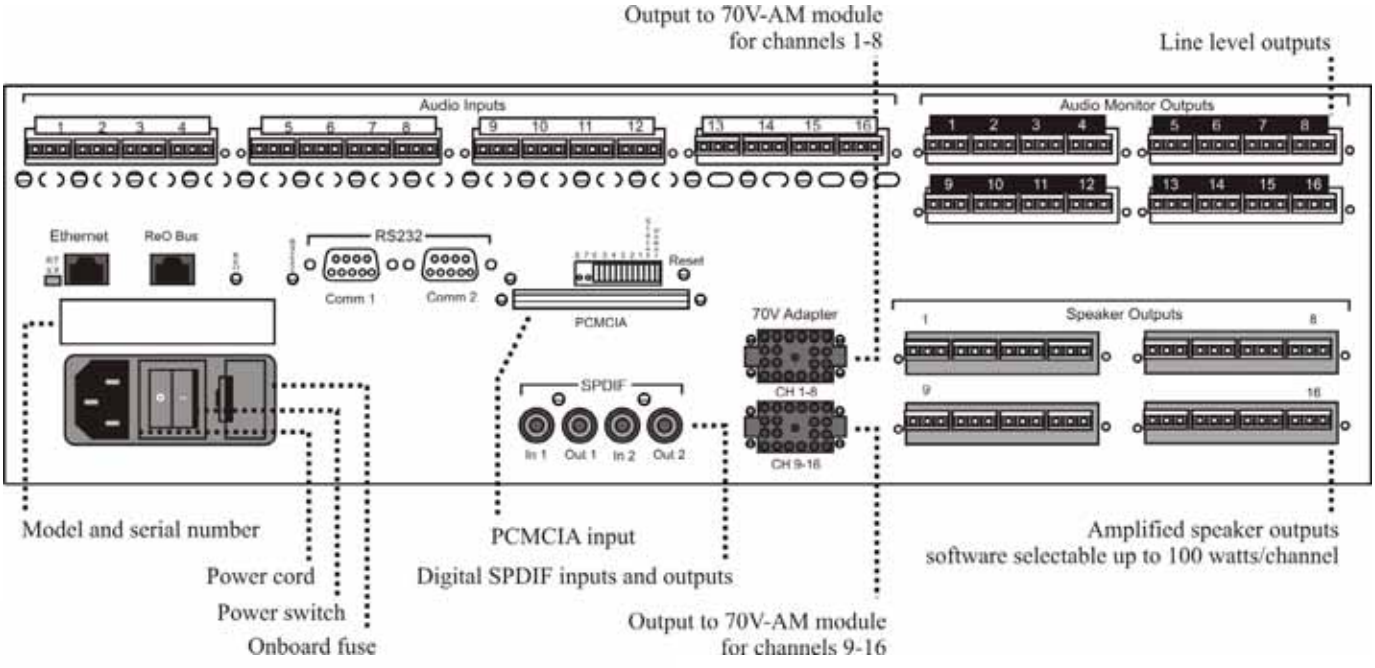
Available in 8 inputs by 8 outputs (Athena-8) or 16 inputs by 16 outputs (Athena-16), the Athena features built-in audio preamplification, input signal processing, true matrix mixing, output signal processing, and either eight or sixteen channels of independent power amplification. The Athena provides users with up to 128 system presets, 64 input DSP presets per channel, and 64 output DSP presets per channel via the front panel, USB, serial, ethernet, or through plug-and-play Intelix REM-PACK remote control kits. Real-time event scheduling software provides additional versatility.

The Audisey Athena's amplifier provides a pure digital audio path and supports either eight or sixteen 8 ohm outputs with up to 100 watts per channel. Athena provides an additional eight or sixteen 70 volt outputs with the addition of the Intelix Audisey 70V-AM transformer module.

Mix, process, amplify and control in a single chassis.
Design with Intelix and Design with Intelligence.







AUDISEY 70V-AM

Eight Channel 70 Volt Accessory Module

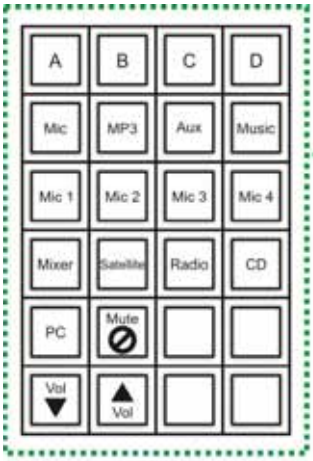
The Intelix Audisey 70V-AM provides eight 70 volt outputs for the Intelix Audisey Athena matrix mixer/amplifier. One 70V-AM module is required with an Athena-8 system and two 70V-AM modules are required with an Athena-16 system. The 70V-AM features a rack and panel style connector, providing a single quick connection point between the Athena and the 70V-AM module.

REM-PACK
Remote Control Kits

Designed for the Intelix Audisey Athena matrix mixer/ amplifier and Intelix AVM audio/video matrix switcher, Intelix Remote Control Packs are complete, pre-programmed remote control systems designed for quick, easy setup and operation.

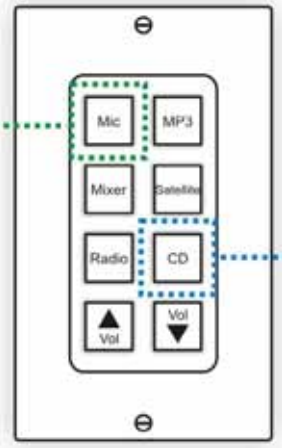
Sold in complete kits, Intelix Remote Control Packs are available in packages of 3, 4, 5, 6, 8, 12, and 16 remote controls. Each package includes all of the wiring accessories, IR to serial control modules, and push-button remote controls needed for 2-16 independent zones.

Each remote control mounts into a standard single-gang wallbox and features visual and auditory feedback, multiple label options, and password protection.



◀ Each remote control includes 24 button caps for custom labeling.

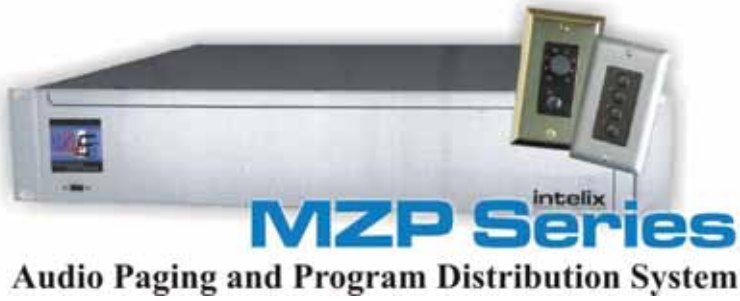
Each remote control fits in a standard single-gang wallbox with a standard decora plate. ▶



To adjust the remote control's programming, simply reconfigure the system preset in the Intelix Athena or AVM Designer Software. System presets may include input Digital Signal Processing (DSP) and output Digital Signal Processing presets. ▼

REM-PACK Models

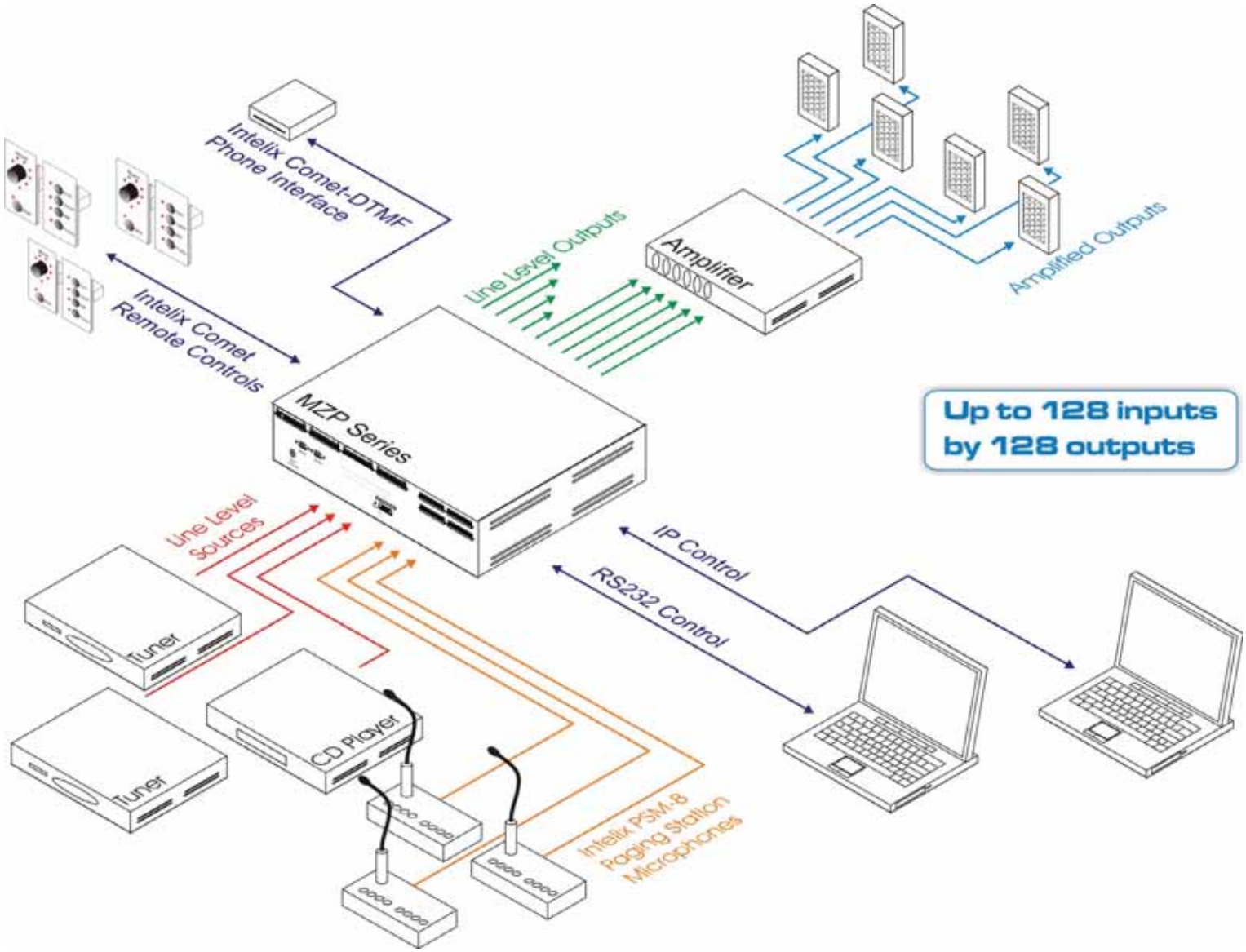
Model	Remote Controls	IR/Serial Controllers	Zones Supported
REM-PACK-3	3	1	3
REM-PACK-4	4	1	4
REM-PACK-5	5	1	5
REM-PACK-6	6	1	6
REM-PACK-8	8	1	8
REM-PACK-12	12	1	12
REM-PACK-16	16	1	16



Audio Paging and Program Distribution System

The Intelix MZP Multi-zone Paging and Program Distribution System is dedicated to total audio management in multi-zone facilities. This means MZP is the single-box solution for your facility's paging, mic/line mixing, and background music needs.

The MZP system combines a sophisticated, ethernet-enabled matrix mixer with durable remote controls, paging stations, phone interface hardware, and intuitive design, programming, and control software. Because MZP matrix truly mixes levels at each crosspoint rather than just switching crosspoints on and off, MZP automatically ducks program material during a page and then smoothly ramps the music back to its original level when the page is complete. **Design with Intelix and design with intelligence.**



Designed for use with the Intelix MZP paging system, the PSM-8 Paging Station Microphone is a programmable remote paging console with eight customizable touch-button controls for selecting which zone(s) a page will be routed to. The PSM-8 is available with a gooseneck microphone (PSM-8) or as only a base (PSM-8-base).

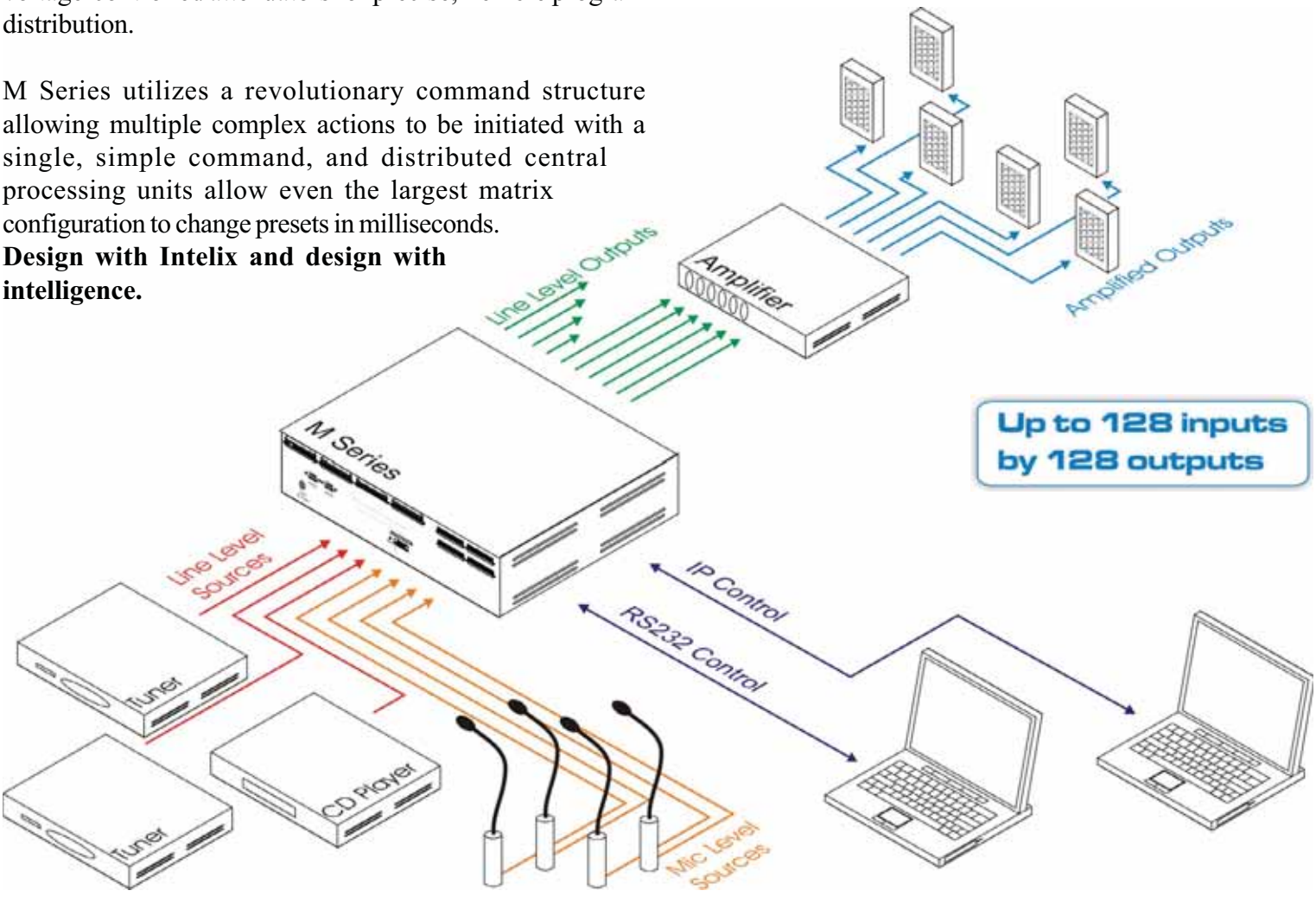
PSM-8
Paging Station Microphone Console

M Series
Audio Matrix Mixer

The Intelix M Series matrix mixer provides true matrix mixing and crosspoint level control for up to 128 modular inputs and outputs, making M Series the definitive audio hub at the heart of your sophisticated audio-visual environment. Each Intelix M Series matrix marries the superb audio quality of an analog signal with voltage-controlled attenuators for precise, flexible program distribution.

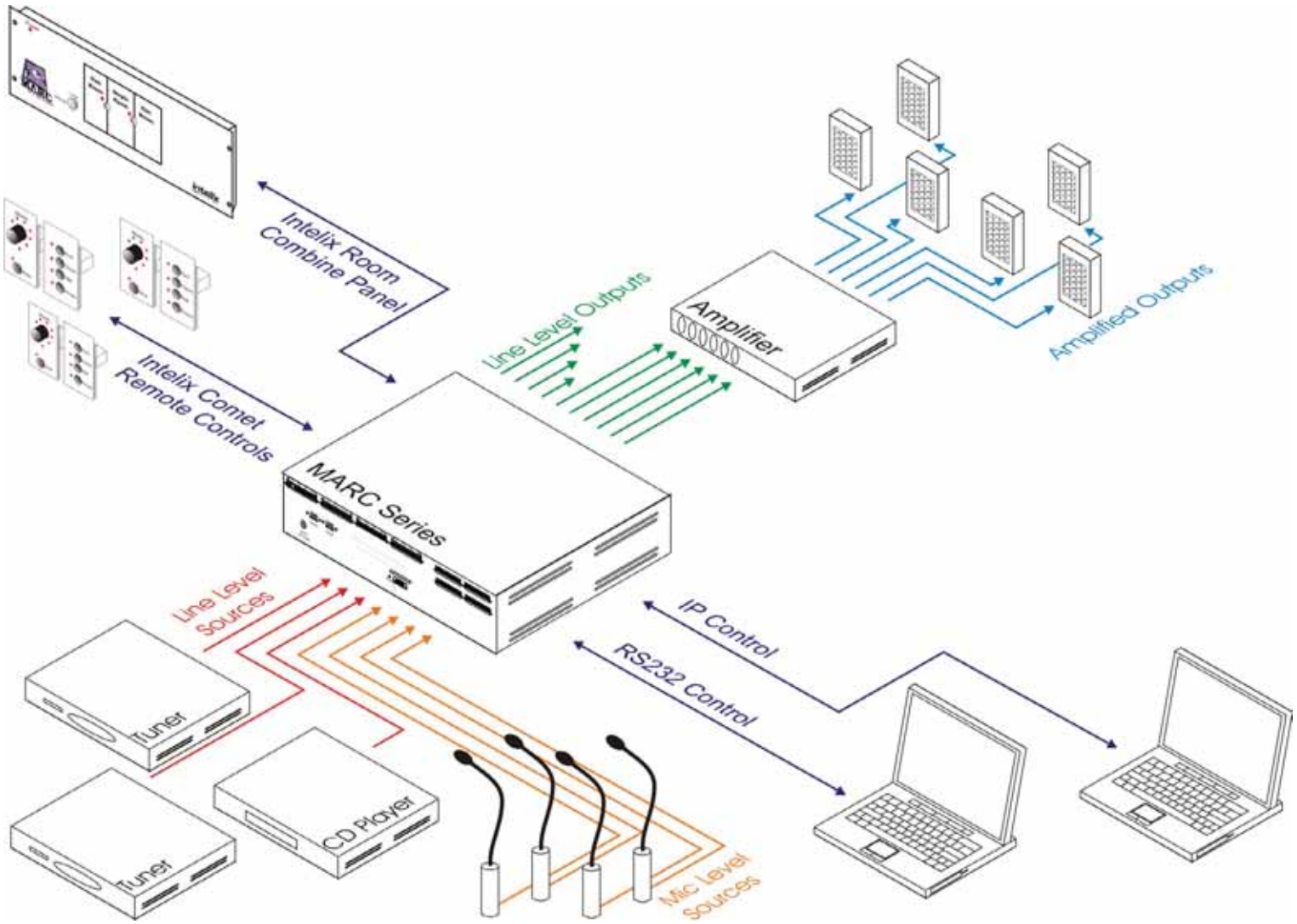
M Series utilizes a revolutionary command structure allowing multiple complex actions to be initiated with a single, simple command, and distributed central processing units allow even the largest matrix configuration to change presets in milliseconds.

Design with Intelix and design with intelligence.

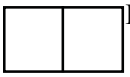
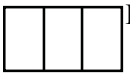
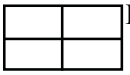
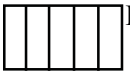
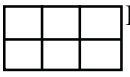
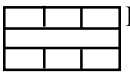
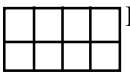
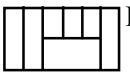


The Intelix MARC Room Combine System is designed specifically for applications with moveable walls, including hotels, convention centers, conference centers, houses of worship, and multi-use facilities. MARC allows you to design, program, and install your sophisticated room combine system in a fraction of the time it would take with other solutions.

The secret is in MARC's embedded logic--all of the logic for routing inputs to outputs, combining and separating rooms, incorporating paging, and managing remote controls is pre-programmed. Plus, the MARC system is flexible enough to allow RS232 and ethernet control, automatic wall sensors, custom room topologies, and custom remote controls. **Let MARC be your complete room combine package!**



INTELIX MATRIX MIXER ACCESSORIES

	Product	Description	Compatible Matrices
	Mic/Line Card	Factory installed, 8-channel microphone input card with phantom power and 60 dB of gain; *specify one card for every eight inputs*	AVM M Series MARC MZP
	Logic I/O Card	PCMCIA card for eight contact closure logic I/0 ports	Athena AVM M Series MARC MZP
	Comet Tail	Remote volume control featuring a single volume knob and mute button; *available with keylock*	MARC MZP
	Comet 4	Remote source selection control featuring a four software-definable buttons	MARC MZP
	RCS	3-gang remote control featuring four input source selection, local and paging volume control, muting, and keylock security	MARC
	**RC-2**	Rack-mounted two room combine panel for manual room combining*; available in stock and custom configurations*	MARC
	**RC-3**	Rack-mounted three room combine panel for manual room combining*; available in stock and custom configurations*	MARC
	**RC-4**	Rack-mounted four room combine panel for manual room combining*; available in stock and custom configurations*	MARC
	**RC-5**	Rack-mounted five room combine panel for manual room combining*; available in stock and custom configurations*	MARC
	**RC-6**	Rack-mounted six room combine panel for manual room combining*; available in stock and custom configurations*	MARC
	**RC-7**	Rack-mounted seven room combine panel for manual room combining*; available in stock and custom configurations*	MARC
	**RC-8**	Rack-mounted eight room combine panel for manual room combining*; available in stock and custom configurations*	MARC
	**RC-Custom**	Rack-mounted room combine panel for manual room combining*; available in custom configurations up to 16 rooms*	MARC

INTELIX MATRIX MIXER ACCESSORIES

	Product	Description	Compatible Matrices
	Wall Sensors	Automatic wall sensors featuring magnetic relay switches to trigger a contact closure through the Intelix Comet-8-RJ12 relay	MARC
	Comet 8-RJ12	Programmable relay station for use with wall sensors	MARC
	Wall Status Panel	LED wall status indicator for use with wall sensors	MARC
	Source Panel	Single-gang input panel featuring an XLR input and two transformer-balanced summed mono RCA inputs	AVM M Series MARC MZP
	Comet-BA4	1 input to 4 output RJ45 wiring bridge adaptor; *for use when wiring Intelix Comet remotes*	MARC MZP
	Comet-BA11	1 input to 11 output RJ45 wiring bridge adaptor; *for use when wiring Intelix Comet remotes*	MARC MZP
	Comet-DTMF	Hardware module for interfacing the Intelix MZP paging system with analog or PBX phone systems	MZP
	PSM-8	Programmable paging station with eight customizable buttons; *available with and without gooseneck microphone*	MZP

COMET-DTMF
Touchtone Phone Paging Interface

Designed for use with the Intelix MZP paging system, the Intelix Comet-DTMF module provides a diagnostic remote interface between PBX and standard analog phone systems, allowing touchtone phones to control and page into the MZP system.

Comet Remotes
Source and Volume Adjust Remote Controls

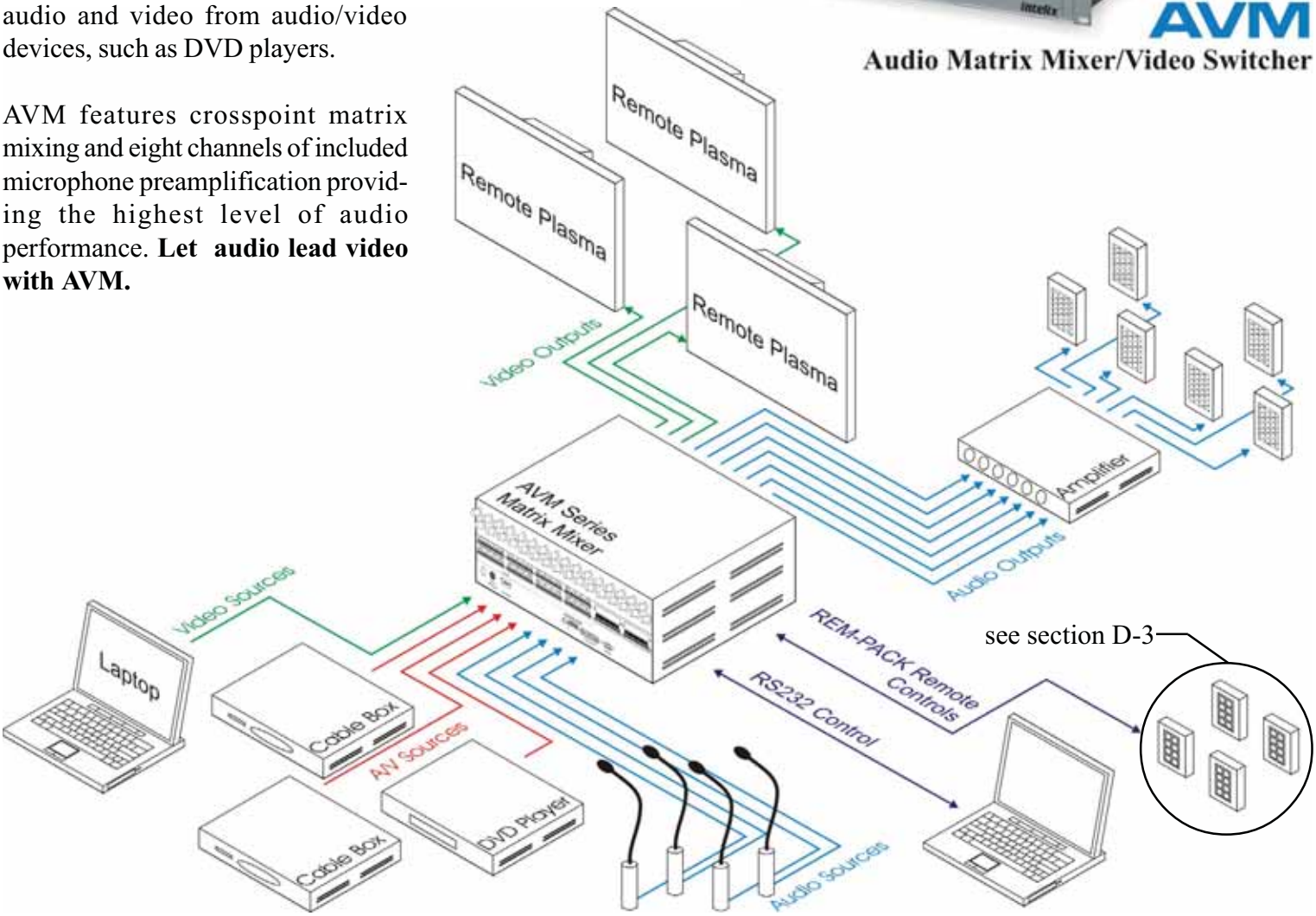
Designed for the Intelix MZP paging and MARC room combine systems, Comet remotes provide remote source selection and volume control. All Comets are single wall box mountable, feature RJ12 connectors for wiring, and are available in either decora style (decora mount-ready) or panel style (custom panel mount-ready).

The Intelix AVM is the single-box solution for all your audio-visual system needs. Designed for flexibility, the AVM seamlessly routes any combination of audio and video sources. This means AVM splits and individually routes the audio and video from audio/video devices, such as DVD players.

AVM features crosspoint matrix mixing and eight channels of included microphone preamplification providing the highest level of audio performance. **Let audio lead video with AVM.**

AVM

Audio Matrix Mixer/Video Switcher



AVM System Hardware

AVM Series Matrix Audio Mixer/Video Switcher (*part numbers vary*). The rack-mounted AVM matrix provides both audio mixing and video switching in a single package. Since the AVM features true audio matrix mixing, any audio input may be routed to any audio output—regardless if it is tied to a video source or not. Available audio matrix sizes include (inputs x outputs): 8x8, 16x8, 24x8, 32x8, 8x16, and 16x16. Available video sizes include (physical inputs x physical outputs): 8x8, 16x16, 32x32, and 48x48. AVM supports up to 64 presets.

Factory-Installed Mic/Line Preamplification Card (*Mic/Line Card*). The factory-installed Intelix mic/line card provides +15V phantom power and up to 60 dB of gain for eight AVM audio input channels (specify one mic/line card per every eight inputs which require preamplification). One mic/line card is included with every AVM matrix purchase.

AVDA-8-F

1x8 twisted pair balun distribution amplifier

The Intelix AVDA-8-F distributes a single audio/video balun source to eight balun desitinations.

- compatible with Intelix composite video, S-video, and analog audio baluns
- linkable up to 64 total outputs
- one RJ45 input to eight RJ45 outputs, plus linking output
- 8.5” x 4.0” x 1.3”

Part Number: **AVDA-8-F**

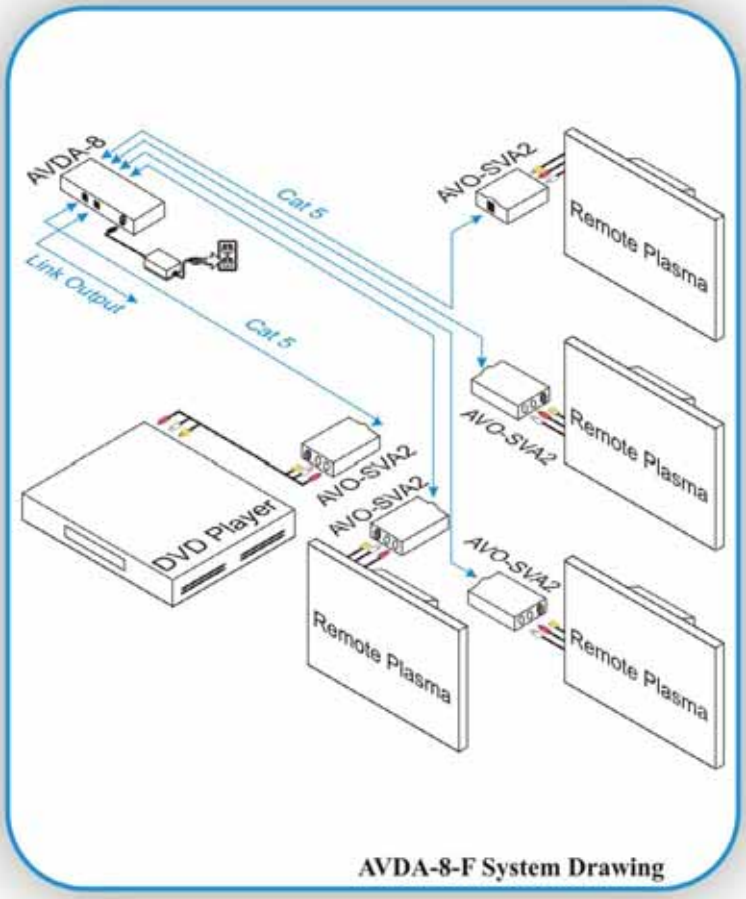
VGADA-2

1x2 high-definition VGA distribution amplifier

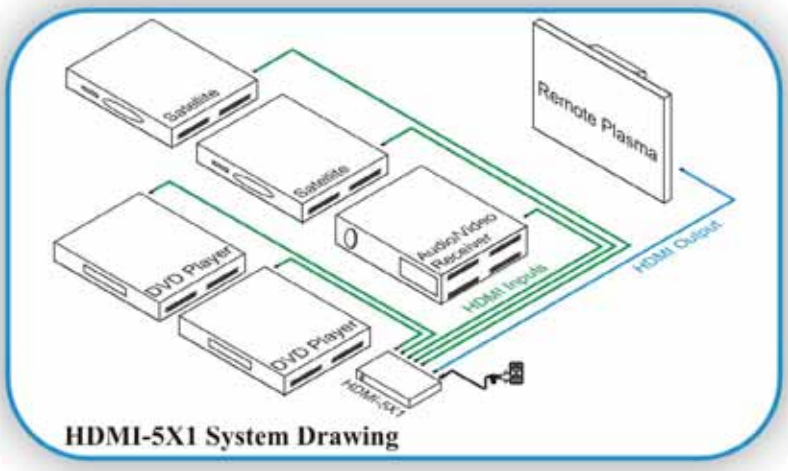
The Intelix VGADA-2 distributes one high-definition VGA input to two high-definition VGA outputs.

- supports resolutions up to 2048 x 1536
- supports component video, composite video, and high-fidelity stereo audio with breakout cable
- USB or DC power
- linkable

Part Number: **VGADA-2**



AVDA-8-F System Drawing



HDMI-5X1 System Drawing

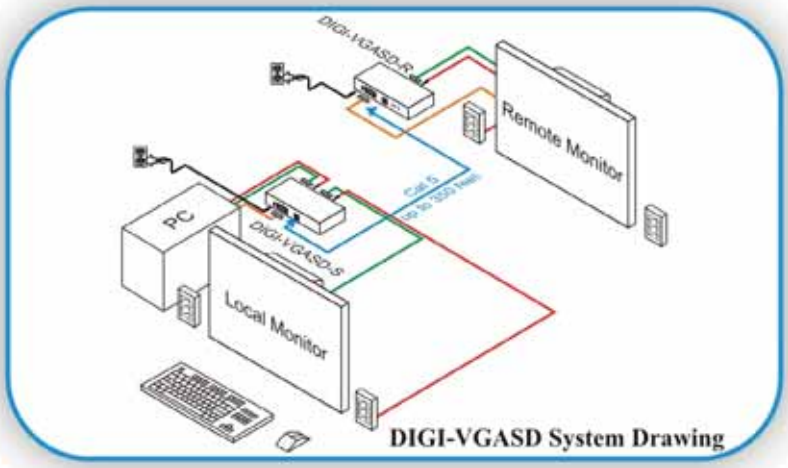
HDMI-5X1

5x1 high-definition HDMI switcher

The Intelix HDMI-5X1 switches five HDMI inputs to a single HDMI output.

- HDMI inputs and outputs
- supports 1080i and 1080p high-definition signals
- manual front panel or remote IR control
- HDCP compliant
- includes remote control
- 10.2” x 1.1” x 4.5”

Part Number: **HDMI-5X1**



DIGI-VGASD System Drawing

DIGI-VGASD

VGA, stereo audio, IR & RS232 extender set

The Intelix DIGI-VGASD transmits VGA video, stereo audio, and IR or RS232 over a single twisted pair cable.

- 1600 x 1200 video up to 350 feet
- skew compensation
- built-in distribution amplifiers
- includes one send balun, one receive balun, and two power supplies

Part Number: **DIGI-VGASD**

DIGI-VGASD-T8R

VGA, stereo audio, IR & RS232 1x8 extender set

The Intelix DIGI-VGASD-T8R active send balun transmits a single VGA, stereo audio, IR and RS232 source to eight compatible receive baluns.

- 1600 x 1200 video up to 350 feet
- hi-fidelity analog stereo audio
- skew compensation
- includes one 1x8 send balun, one receive balun, and two power supplies

Part Number: **DIGI-VGASD-T8R**

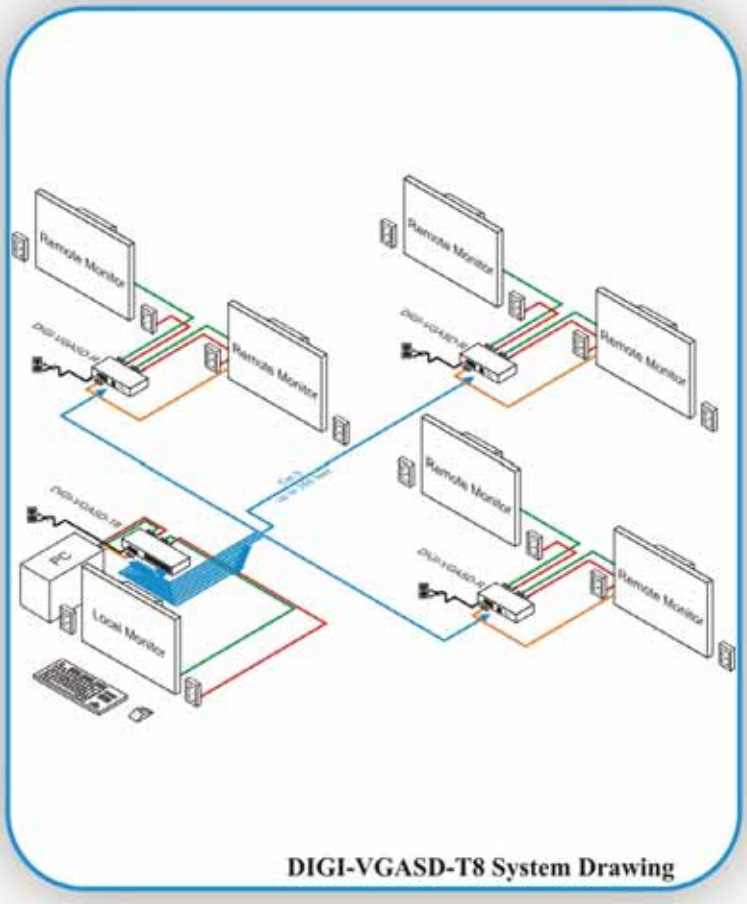
DIGI-VGASD-WP

VGA, stereo audio, IR & RS232 extender set

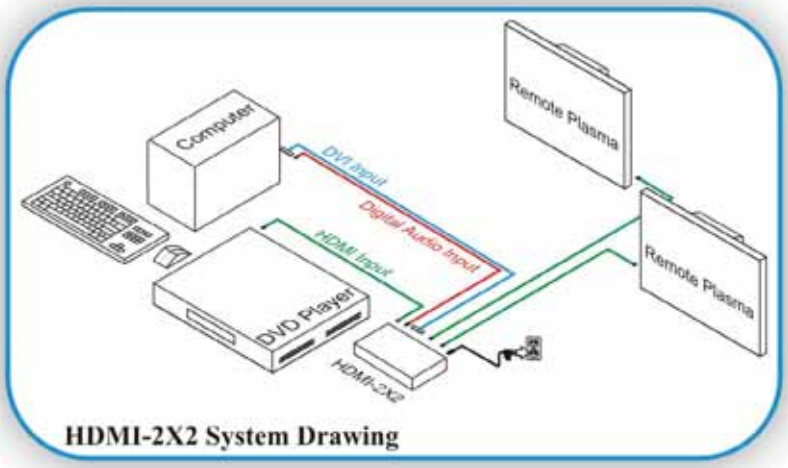
The Intelix DIGI-VGASD-WP transmits VGA video, stereo audio, and IR or RS232 over a single twisted pair cable.

- 1600 x 1200 video up to 350 feet
- double-gang white wallplate
- hi-fidelity analog stereo audio
- skew compensation
- includes one send balun, one receive balun, and two power supplies

Part Number: **DIGI-VGASD-WP**



DIGI-VGASD-T8 System Drawing



HDMI-2X2 System Drawing

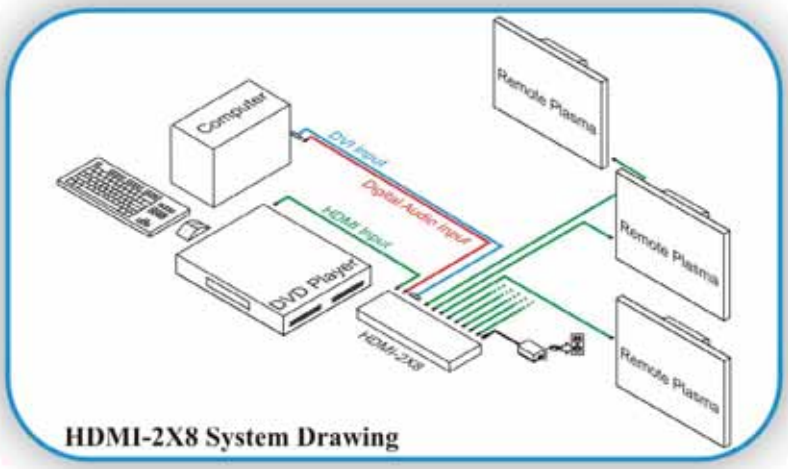
HDMI-2X2

2x2 high-definition distribution amplifier

The Intelix HDMI-2X2 distributes two high-definition inputs to two high-definition HDMI outputs.

- HDMI and DVI+SPDIF/optical inputs, HDMI outputs
- supports 1080i and 1080p high-definition signals
- linkable
- HDCP compliant
- 10.7” x 7.9” x 1.7”

Part Number: **HDMI-2X2**



HDMI-2X8 System Drawing

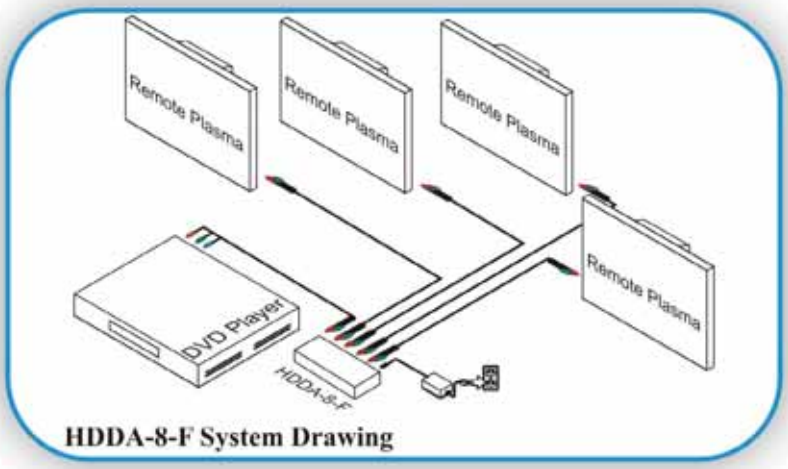
HDMI-2X8

2x8 high-definition distribution amplifier

The Intelix HDMI-2X8 distributes two high-definition inputs to eight high-definition HDMI outputs.

- HDMI and DVI+SPDIF/optical inputs, HDMI outputs
- supports 1080i and 1080p high-definition signals
- includes 19” rack mounting hardware
- HDCP compliant
- linkable

Part Number: **HDMI-2X8**



HDDA-8-F System Drawing

HDDA-8-F

1x8 high-definition distribution amplifier

The Intelix HDDA-8-F distributes one high-definition audio/video input to eight high-definition audio/video outputs.

- supports component video, composite video, Y/C video, and high-fidelity audio
- supports 1080i high-definition signals
- linkable
- gold-plated RCA connectors
- 7.8” x 2.4” x 2.4”

Part Number: **HDDA-8-F**

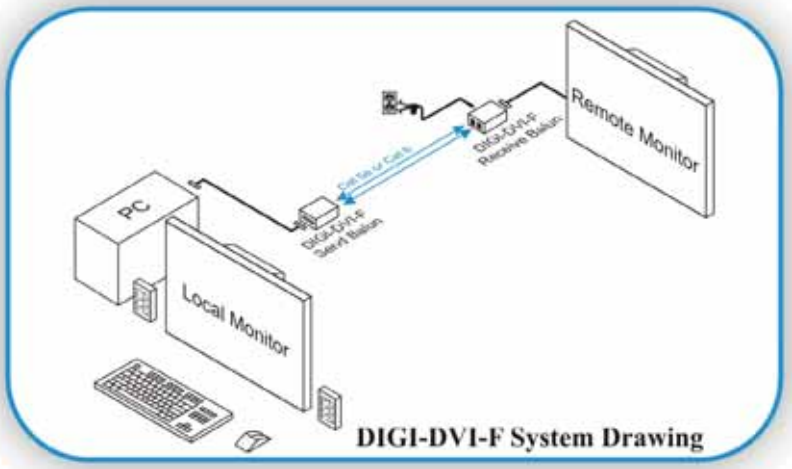
DIGI-DVI-F

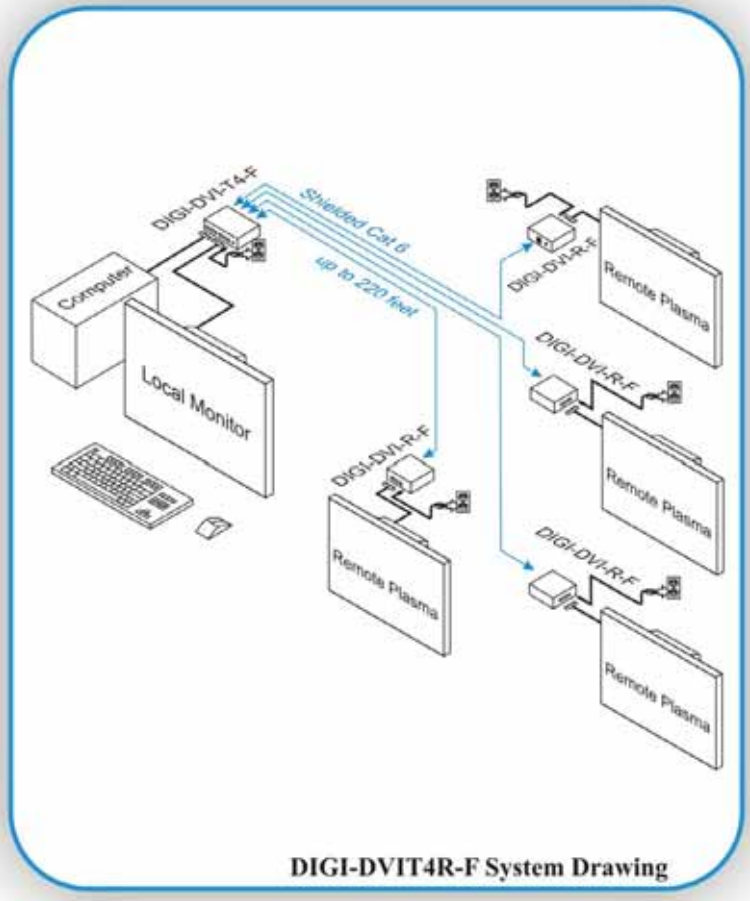
High-definition DVI over Cat 5e extender set

The Intelix DIGI-DVI-F transmits high-definition DVI signals up to 150 feet over two Cat 5e or Cat 6 cables.

- 480i, 480p, 720p, 1080i up to 150 feet
- MAC compatible
- diagnostic power and status LEDs
- power on either the send or receive end
- 3.3" x 1.8" x 0.9"

Part Number: **DIGI-DVI-F**





DIGI-DVIT4R-F

1x4 DVI over Cat 6 distribution system

The Intelix DIGI-DVIT4R-F distributes a single DVI input to four remote receivers over a single Cat 6 cable.

- distribute high-definition DVI-D signals up to 220 feet
- supports resolutions up to 1920 x 1080
- system includes one 4-port send balun and one receive balun
- automatic EDID learning to ensure proper sync
- local monitor output

Part Number: **DIGI-DVIT4R-F**
Additional Recieve Baluns: **DIGI-DVI-R-F**

DIGI-DVIT2R-F

1x2 DVI over Cat 6 distribution system

The Intelix DIGI-DVIT2R-F distributes a single DVI input to two remote receivers over a single Cat 6 cable.

- distribute high-definition DVI-D signals up to 220 feet
- supports resolutions up to 1920 x 1080
- system includes one 2-port send balun and one receive balun
- automatic EDID learning to ensure proper sync
- local monitor output

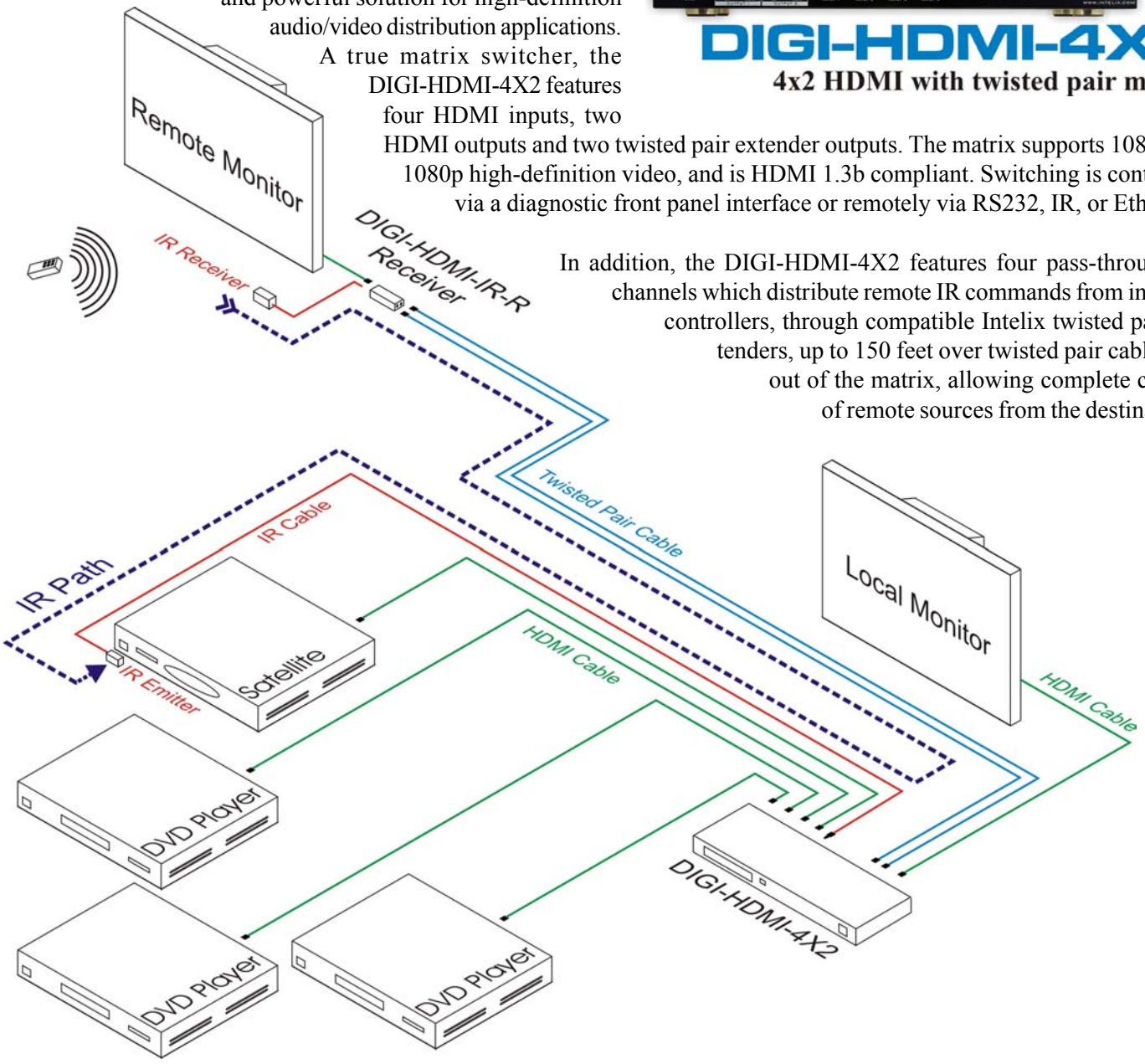
Part Number: **DIGI-DVIT2R-F**
Additional Recieve Baluns: **DIGI-DVI-R-F**

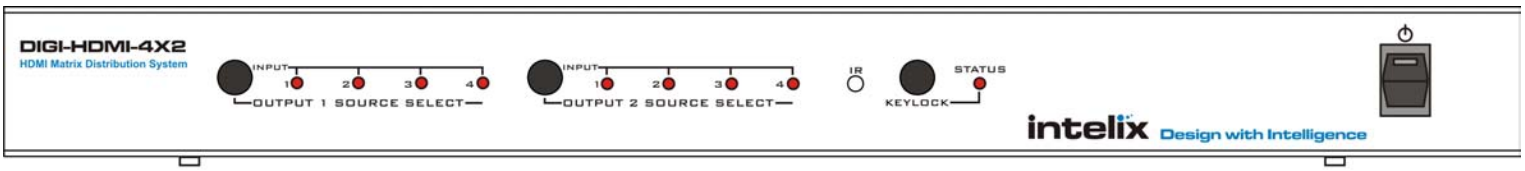
DIGI-HDMI-4X2

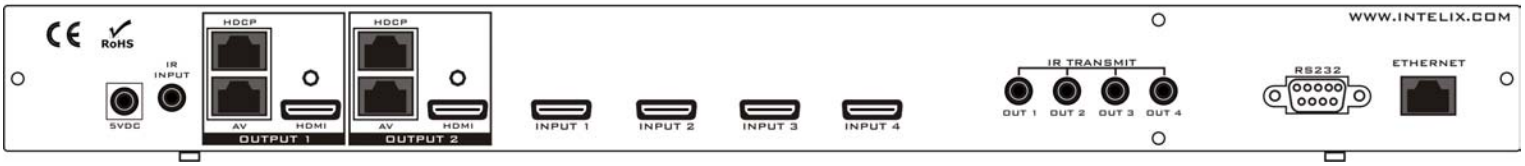
4x2 HDMI with twisted pair matrix

The Intelix DIGI-HDMI-4X2 combines professional-grade performance with comprehensive control options, providing an easy-to-use, flexible, and powerful solution for high-definition audio/video distribution applications. A true matrix switcher, the DIGI-HDMI-4X2 features four HDMI inputs, two HDMI outputs and two twisted pair extender outputs. The matrix supports 1080i and 1080p high-definition video, and is HDMI 1.3b compliant. Switching is controlled via a diagnostic front panel interface or remotely via RS232, IR, or Ethernet.

In addition, the DIGI-HDMI-4X2 features four pass-through IR channels which distribute remote IR commands from in-room controllers, through compatible Intelix twisted pair extenders, up to 150 feet over twisted pair cable, and out of the matrix, allowing complete control of remote sources from the destination.







DIGI-HDMI-4X4

4x4 HDMI with twisted pair matrix

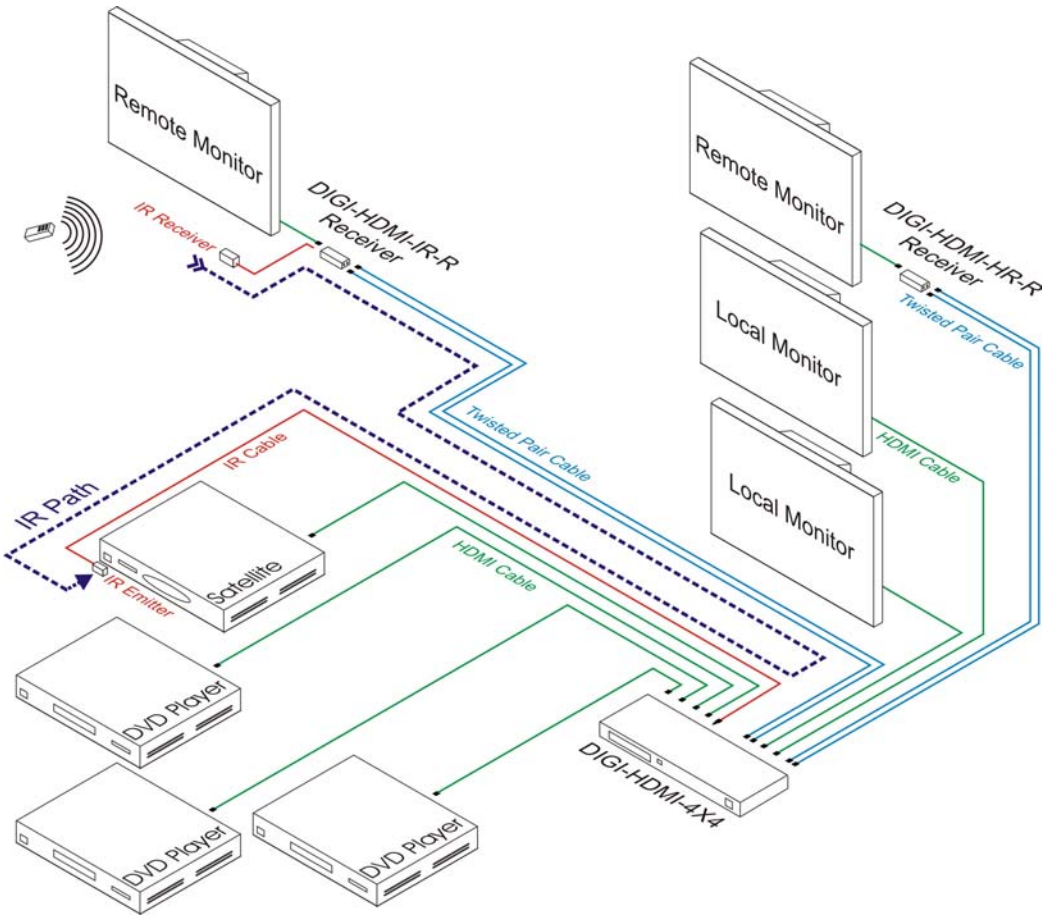
The Intelix DIGI-HDMI-4X4 combines professional-grade performance with comprehensive control options, providing an easy-to-use, flexible, and powerful solution for high-definition audio/video distribution applications. A true matrix switcher, the DIGI-HDMI-4X4 features four HDMI inputs, four HDMI outputs and four twisted pair extender outputs. The matrix supports 1080i and 1080p high-definition video, and is HDMI 1.3b compliant. Switching is controlled via a diagnostic front panel interface or remotely via RS232, IR, or Ethernet.

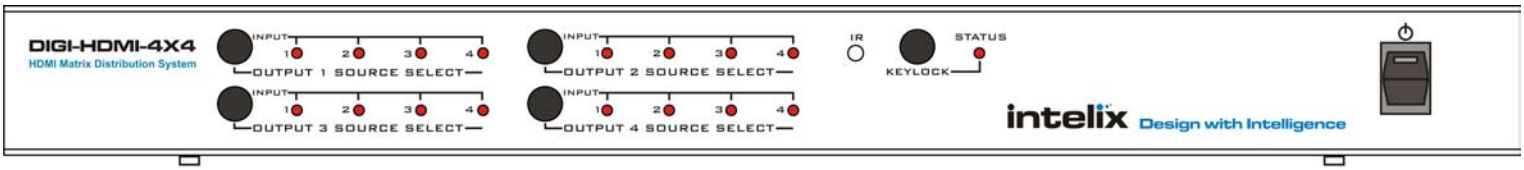
In addition, the DIGI-HDMI-4X4 features four pass-through IR channels which distribute remote IR commands from in-room controllers, through compatible Intelix twisted pair extenders, up to 150 feet over twisted pair cable, and out of the matrix, allowing complete control of remote sources from the destination.

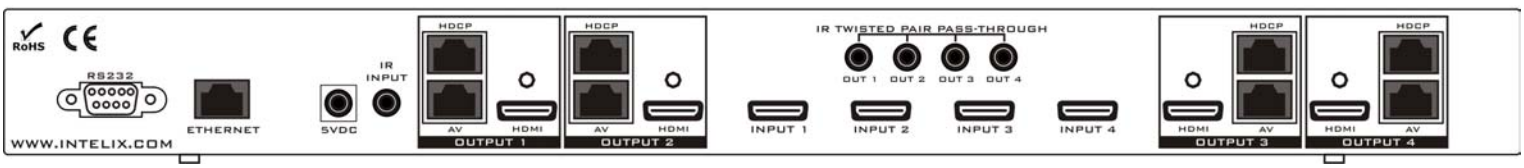
Compatible Receivers

DIGI-HDMI-IR-F
HDMI and IR receiver
480i, 480p, 720p, 1080i, 1080p
150' max distance

DIGI-HDMI-HR-F
HDMI receiver
480i, 480p, 720p, 1080i
150' max distance







Intelix Warranty Statement

Intelix warrants to the original purchaser of new and B-stock products that the product will be free from defects in material and workmanship for a period of 2 years from the date of purchase from an authorized Intelix reseller, subject to the terms and conditions set forth below.

All Intelix products are guaranteed against malfunction due to defects in materials or workmanship for two years after date of purchase. If a malfunction does occur during the specified period, the defective product will be repaired or replaced at Intelix's option without charge. As a condition to receiving the benefits of this warranty, you must provide Intelix with documentation that establishes you were the original purchaser of the Intelix products. If you are not the original purchaser, the Intelix equipment must be returned to the original purchaser or another authorized Intelix reseller accompanied by dated documentation of proof of purchase. Please contact Intelix for a list of authorized resellers.

This warranty does not cover: 1) Malfunction resulting from use of the product other than as specified in the user manual; 2) Installation specific wiring; 3) Malfunction resulting from abuse or misuse of the product; 4) Exterior chassis appearance; 5) Malfunction occurring after repairs have been made by anyone other than Intelix or any of its authorized service representatives; 6) Acts of nature; 7) Optional software upgrades or updates.

This warranty will be void if the product's serial number or quality control sticker has been removed or defaced, or if the product has been altered, subjected to damage or abuse, repaired by any person not authorized by Intelix to make repairs, or installed in any manner that does not comply with Intelix's recommendations.

This warranty is in lieu of all other warranties, express or implied. Intelix disclaims all other warranties, express or implied, including, but not limited to, implied warranties of merchantability and fitness for a particular purpose.

No agent or reseller of Intelix is authorized to modify this warranty or to make additional warranties on behalf of Intelix. Statements, representations or warranties made by any party other than Intelix does not constitute warranties by Intelix. Intelix shall not be responsible or liable for any statement, representation or warranty made by any other person or party.

Intelix Return Statement

Warranty service is only offered after a return authorization (RA) number has been generated by an authorized Intelix factory representative. If you purchased the Intelix goods directly from Intelix, please contact Intelix Applications for an RA number. If you purchased the Intelix good from an authorized Intelix reseller, please contact your authorized reseller for an RA number. This RA number must be clearly referenced on the outside of all packages shipped to Intelix. Intelix Applications must be contacted prior to any return of goods; all return shipments received by Intelix without an RA number will be refused. All shipments must be received within 30 days from the RA number issue date.

At Intelix's option, Intelix will advance replace failing Intelix goods on approved accounts within 90 days of shipment from Intelix. The advanced replaced goods will be invoiced and payment will be due under standard terms if the failing goods are not received within 14 days of the advanced replacement shipment.

Intelix will match shipping method for units still under warranty. If a unit which is out of warranty needs repair, the dealer must pay for shipping, replacement parts, and a fixed $100/hr* labor fee. Normal Intelix credit terms apply to billable repairs. If a unit is returned and found to work according to factory specifications, a $100 service fee* is billed regardless of warranty status. All repairs are made in a reasonably quoted amount of time; a rush shipment fee of $50* may apply to repairs needing a quicker than usual turn-around time.

All goods outside of the standard warranty period which are repaired by Intelix are covered by an additional 90 day warranty. This 90 day warranty only covers the specific repaired components. All other standard warranty limitations apply.

**Or current applicable rate/fee.*
Warranty terms and conditions subject to change and do not apply outside of United States and Canada.
Intelix Warranty is subject to change. Please contact the factory for the most up-to-date information.

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DESIGN WITH INTELLIGENCE

2222 Pleasant View Road
Suite #1
Middleton, WI 53562

Phone: 608-831-0880
Toll-Free: 1-866-4-MATMIX
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INDEX

4001VC C-2
70V-AM D-2
8001VCX C-2
8002MCB-PHNX-3 C-1
8002MCB-XLR-3 C-1
ATHENA-16 D-1
ATHENA-8 D-1
AVDA-8-F A-6, B-3
AVM SERIES E-1
AVO-A2-F A-4, B-1
AVO-A2-WP-F A-5, B-5
AVO-A2-WP110 A-5, B-5
AVO-A2MINI-WP-F A-5, B-5
AVO-A4-F A-4, B-1
AVO-A4-WP-F A-5, B-6
AVO-A4-WP110 A-5, B-6
AVO-CLIP-F A-8, B-18
AVO-MIC-F A-4, B-1
AVO-MIC-WP-F A-5, B-6
AVO-SVA2-F A-4, B-2
AVO-SVA2-WP-F A-5, B-7
AVO-V1-PAIR-F A-4, B-3
AVO-V1-ST-PAIR-F A-4, B-3
AVO-V1-WP-F A-5, B-7
AVO-V1A2-F A-4, B-2
AVO-V1A2-WP-F A-5, B-7
AVO-V1A2-WP110 A-5, B-8
AVO-V2A2-F A-4, B-2
AVO-V2A2-WP-F A-5, B-8
AVO-V3AD-F A-4, B-4
AVO-V3AD-WP-F A-5, B-8
AVO-V3AD-WP110 A-5, B-9
AVO-V3HD-F A-4, B-4
AVO-V3PT-F A-4, B-4
BRKOUT-CBL A-7
BRKOUT-KIT A-7
CBL-KIT-A2 A-7
CBL-KIT-A4 A-7
CBL-KIT-DVI A-7
CBL-KIT-HDMI A-7
CBL-KIT-SVA2 A-7
CBL-KIT-VGADA2 A-7
CBL-KIT-V1 A-7
CBL-KIT-V1A2 A-7
CBL-KIT-V2A2 A-7
CBL-KIT-V3 A-7
CBL-KIT-V3AD A-7
COMET 4 D-7, D-8
COMET-8-RJ12 D-8
COMET-BA4 D-8
COMET-BA11 D-8
COMET-DTMF D-8
COMET TAIL D-7, D-8
DIGI-DVI-F A-3, B-15
DIGI-DVI-R-F A-3
DIGI-DVIT2R-F A-3, B-15
DIGI-DVIT4R-F A-3, B-15
DIGI-HDMI-4X2 B-17, E-6
DIGI-HDMI-4X4 B-17, E-6
DIGI-HDMI-HR A-3, B-16
DIGI-HDMI-HR-R A-3, E-7
DIGI-HDMI-IR A-3, B-16
DIGI-HDMI-IR-R A-3, E-7
DIGI-HDMI-UHR A-3, B-16
DIGI-USB-F A-3, B-10
DIGI-VGA-F A-3, B-11
DIGI-VGASD A-2, B-11
DIGI-VGASD-IREMT A-8
DIGI-VGASD-IREYE A-8
DIGI-VGASD-R A-2, B-12
DIGI-VGASD-S A-2, B-12
DIGI-VGASD-T4 A-2, B-12
DIGI-VGASD-T4R A-2, B-13
DIGI-VGASD-T8 A-2, B-13
DIGI-VGASD-T8R A-2, B-13
DIGI-VGASD-WP A-2, B-14
DIGI-VGASD-WP-R A-2, B-14
DIGI-VGASD-WP-S A-2, B-14
DIN-RACK-KIT-F A-8, B-18
HDDA-8-F A-6, E-4
HDMI-2X2 A-6, E-4
HDMI-2X8 A-6, E-4
HDMI-5X1 A-6, E-3
LOGIC I/O CARD D-7
M SERIES D-5
MARC SERIES D-6
MIC/LINE CARD D-7
MZP SERIES D-4
PS2-F A-6, B-9
PSM-8 D-5, D-8
RC-2 D-7
RC-3 D-7
RC-4 D-7
RC-5 D-7
RC-6 D-7
RC-7 D-7
RC-8 D-7
RC-CUSTOM D-7
RCS D-7
REM-PACK-3 D-3
REM-PACK-4 D-3
REM-PACK-5 D-3
REM-PACK-6 D-3
REM-PACK-8 D-3
REM-PACK-12 D-3
REM-PACK-16 D-3
RF-F A-6, B-9
SOURCE PANEL D-8
VGA-HR-F A-6, B-10
VGA-SR-F A-6, B-10
VGA-UHR-F A-6, B-11
VGADA-2 A-6, E-3
WALL SENSORS D-8
WALL STATUS PANEL D-8

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