**High density, small form factor
audio, video and RS232 distribution**
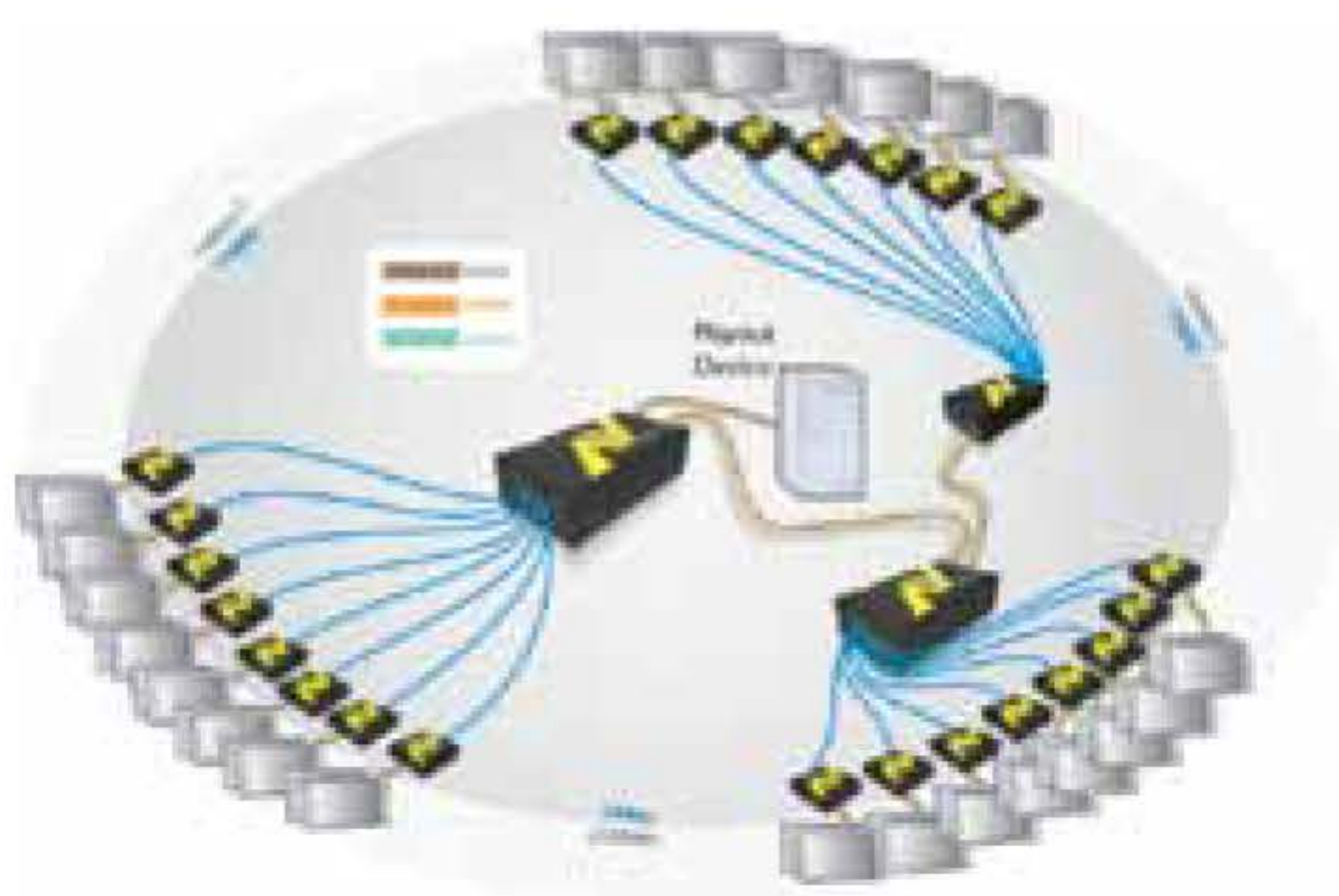
ADDERLink AV200 Series

The professional choice for audio, video and RS232 distribution

PRODUCT IN BRIEF

The ADDERLink AV200 is a range of audiovisual extenders delivering high video resolutions and superb quality audio up to 300m using standard CATx cable (x=5,5e,6,7). The innovative design allows for flexible audiovisual distribution that can be expanded to grow in line with project developments. Consisting of 4 interchangeable units, the ADDERLink AV Series makes the design of digital signage and narrow casting applications cost effective, flexible and easy to plan.

The ADDERLink AV200 Series allows you to communicate with individual screens, groups of screens or to broadcast commands across the network as a whole. Each receiver unit can control and interrogate two screens at the same time, and each screen is fully addressable.

FEATURES

Video performance
Industry leading resolutions of 1600x1200 are achievableat 200m (650ft) and 1280x1024 at 300m (1000ft).

Display Management via RS232
Included with AV200 transmitters, the Display Management Software gives users control and interaction with display devices over the integrated RS232 ports. This allows for bi-directional and automated communication with individual screens, groups of screens or all screens at the same time.

Video compensation and brightness control
The ADDERLink AV units can apply a high level of signal compensation and brightness correction that ensures the image is crisp, clear and bright over long distances.

Audio
Digital audio transmission delivers high fidelity; click-less audio for speakers and microphones.

Integrated DeSkew
The ADDERLink AV201R has integrated skew correction with a 300MHz bandwidth, meaning that it is more than powerful enough to counteract the negative effects of the skew.

Rack options
Both transmitter and receiver units can be used standalone or can be mounted into a 3U chassis, (up to 16 200T, and 201T units or 8 208T units).

The Adder Difference
With 25 years of experience, Adder has an impressive track record for bringing innovative and successful products to market and a reputation for engineering excellence. Adder's Digital Signage solutions give you the simplicity you need to get installations done on time and on budget.

Adder's solutions offer a no-nonsense straightforward approach to Digital Signage installation and configuration.

The AV Series is ideal for use in a variety of multimedia venues:

• Retail
• Hospitality
• Medical
• Education
• Transportation

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ABOUT ADDER

Adder is a leading developer and thought leader in connectivity solutions. Adder's advanced range of KVM switches, extenders and IP solutions enable the control of local, remote and global IT systems across the enterprise. The company distributes its products in more than 60 countries through a network of distributors, resellers and OEMs. Adder has offices in the United States, United Kingdom, Germany, the Netherlands, Sweden, China and Singapore.

To find out more, visit: http://www.adder.com

SERIES PRODUCTS

Adder offer a vast range of products to suit your needs. Other products you may be interested in include:

ADDERLink AV200T
Transmitter

ADDERLink AV201R
Dual output receiver with Deskew

ADDERLink AV208T
8 line transmitter, cascadeable

TECHNICAL SPECIFICATIONS

Video Resolutions
1600 x 1200 at distances up to 200 metres/650 feet, 1280 x 1024 at distances up to 300 metres/1000 feet.

Extension distance
Up to 300 meters/1000 feet using CATx (x=5,5e,6,7).

Connectors (ADDERLink AV 200T)
1 x blue 15-pin high-density D-type female connector for video input, 1 x light green 3.5mm audio jack for audio input, 1 x 9-pin D-type female for serial input. 1 x blue 15-pin high-density D-type female connector for video output and 1 x light green 3.5mm audio jack for audio output. 1 x RJ45 connector for CATx cable connection. 2.5mm DC jack for power adapter.

Physical
ADDERLink AV 200T, and 201R Metal case (steel and stainless steel), 98mm x 95mm x 25mm.

ADDERLink AV 208T Metal case (steel and stainless steel), 185mm x 65mm x 51mm

Power
All ADDERLink AV units are powered by an external 5.3V DC, 2A power supply with IEC power cable connection. A country specific power cord is provided. Alternatively 4 units can be powered using a 5.3V DC, 4amp power supply and the Adder "Squid" cable.

Spike suppression
All ADDERLink AV units are fitted with spike suppression circuits.

Display Data Channel
DDC signalling is supported to enable the computer to communicate with the local monitor and thus configure its video card for optimal operation.

Optional accessories
ALAV - Series rack mount chassis (part code: ALAV-RMK-CHASSIS), rack mount plate for ALAV200T, and 201R local/remote units (part codes: ALAV-RMK-FACIA), rack mount plate for 208T (ALAV-RMK-XXXXX) Adder 4amp power supply and "squid" cable to power 4 ALAV units (part code ALAV-PDM-KIT).

ORDERING INFORMATION

ALAV200P-XX: Pair with Audio, Video & RS232
ALAV200T-XX: Transmitter with Audio, Video & RS232
ALAV201R-XX: Receiver with Audio, Video & RS232 (with skew)
ALAV208T: 8 way Transmitter with Audio, Video & RS232

XX	= Mains Lead Country Code:
UK	= United Kingdom
US	= United States
EURO	= Europe
AUS	= Australia

ADDITIONAL ACCESSORIES

ALAV-RMK-CHASSIS: 19" 3U rack mount chassis
ALAV-RMK-FASCIA: Universal fascia & mounting kit
ALAV-RMK-FASCIA2: Universal fascia & mounting kit for 208T units
CAB-9M/9F-2M: 9M/9F Serial cable

VSC18: Tricoax video 15HDD M-M 2m
VSC19: Serial "Y" spliter cable 100mm
VSC22: 2 m 3.5mm stereo plug to plug audio cable
RMK-ALAV204-208-UNIVERSAL: 19" 4U rack mount chassis

Power
Operating Voltage: 100-240VAC
Power Frequency: 50-60Hz
Usage: 5VDC at 500mA

Operating Temperature
0°C to 40°C / 32°F to 104°F

Humidity Tolerance
5 to 60% non-condensing

Approvals
FCC class A, CE marked

ADDER®