

LR Cat.5 A/V Transmitters/Receiver/Repeater

Product Overview

The LevelOne AVE-93xx series of Cat.5 Audio/Video Extenders is an ideal PC, TV and HDTV broadcast solution to transmit audio and video signals via Ethernet cabling to multiple remote monitors.

Cost-effective Audio/Video Broadcasting over Ethernet

The AVE-93xx series make use of inexpensive Ethernet cabling to transmit and receive HDTV audio and video signals. Signals can be transmitted up to 300 meters away from the transmitting unit.

Flexible Multi-Location Audio/Video Broadcasting

The AVE-9301, AVE-9304, AVE-9308 and AVE-9316 transmit Audio/Video from the controlling unit (player) via Ethernet cabling to remote monitors. The AVE-9300 receives the signal and translates it back to its original form making it possible for the remote monitor/screen to display the original signal.

By using the AVE-9304A, a 4-port repeater, users can replicate the signal and transmit it to 4 receivers or repeater connected. The AVE-9304A forms an integral part of the larger network if users want to extend the broadcasting network to 900 meters.

Cable Kits for Different Applications

The units support VGA/SVGA/XGA TFT-LCD, LCDTV, PDP and DDC2B enabled projectors by using different format cable kits.

- **PC Cable Kit**
VGA A/V with support for all VGA standards
Max Resolution: 2048x1536 at 300m
- **HDTV Cable Kit**
Component A/V
Supports: 480i, 480p, 720i, 720p, 1080i, and 1080p video format
- **TV Cable Kit**
Composite/S-Video A/V
Supports: 480i, 480p and 720i video format

Easy Installation

The compact Cat.5 Audio/Video extenders easily fit on a desk or where space is limited. No software or interface cards are needed. All repeaters and transmitters are plug-and-play orientated for quick installation.

The repeaters can also be stacked to three layers to expand broadcasting locations and broadcasting distances by up to 900 meters. The AVE-9304A and AVE-9300 features adjustable video gain and focus control for adjusting video signals that are extended over this distance.



AVE-9300



AVE-9301



AVE-9304/9304A/9308/9316

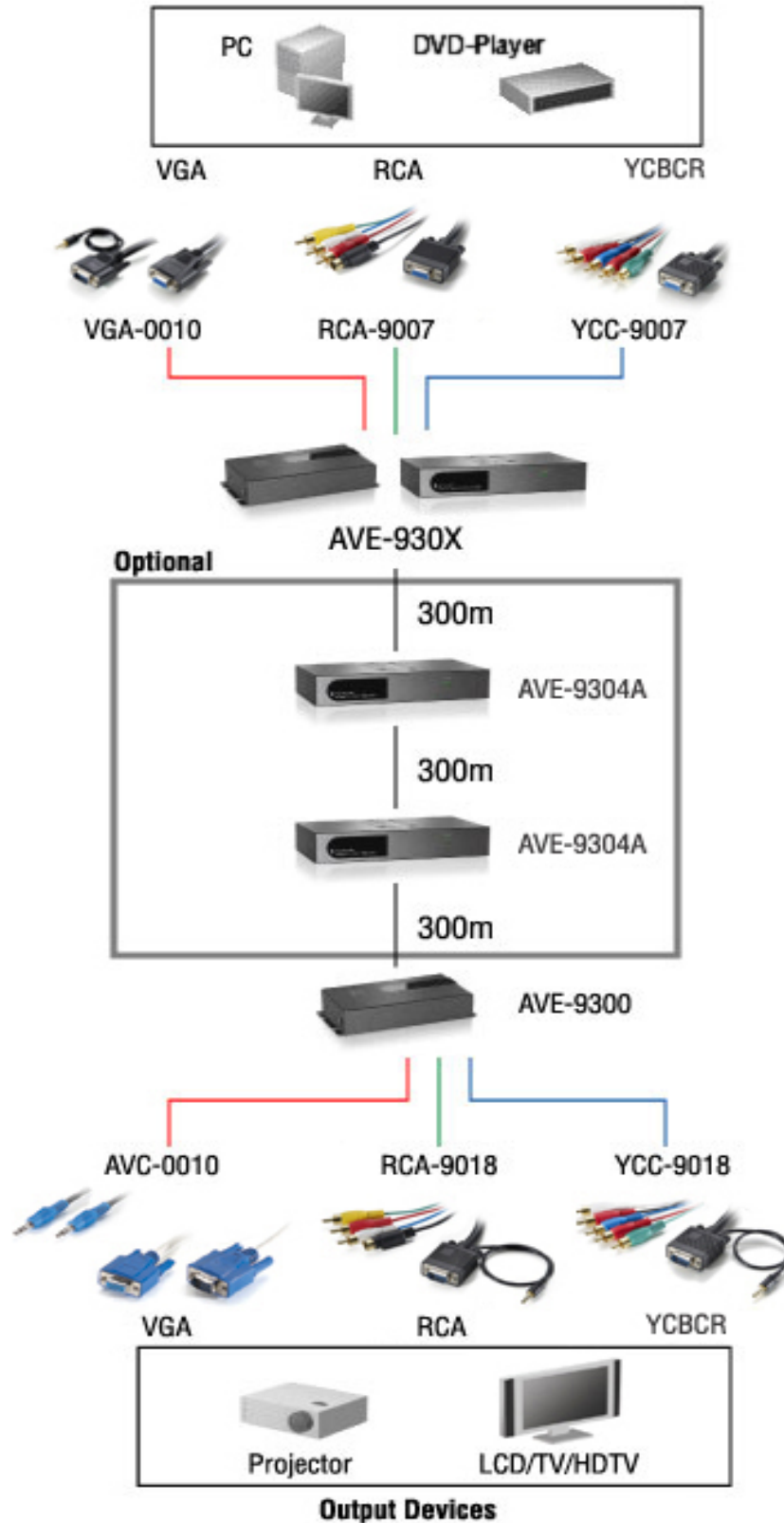
Key Features

- Broadcast Audio/Video signals over Ethernet Cable
- Supports 2048x1536 VGA resolution over 300m
- Flexible multi-location Audio/Video broadcasting
- Flexible cable kit choices for different video applications
- Units can be stacked into 3 layer stackable units for extending broadcast signal to 900m away
- Repeater and Receiver units feature Video Gain and Focus control

Technical Specification

	AV Transmitter				AV Repeater	AV Receiver
Model	AVE-9301	AVE-9304	AVE-9308	AVE-9316	AVE-9304A	AVE-9300
Description	One-Port AV Transmitter	4-Port AV Transmitter	8-Port AV Transmitter	16-Port AV Transmitter	4-Port AV Repeater	1-Port AV Receiver
AV Input	AVx 1				RJ45x 1	RJ45 x 1
AV Output	AVx 1 RJ45x 1	AVx 1 RJ45 x 4	AV* x 1 RJ45 x 8	AV* x 1 RJ45 x 16	RJ45 x 4	AV* x 1
Video CTRL	-				Video Gain and Focus	
Max. Distance	300m				-	
Resolution	2048 x 1536 pixels				-	
Video Quality	PC: Support all VGA format and with a maximum capacity of 2048x1536 @ 300m HDTV: Support 480i, 480p, 720i, 720p, 1080i, and 1080p video format TV: Support 480i, 480p, 720i video format and Maximum distance of 300m					
Audio	Stereo				Mono	
PC Cable Kit	VGA-0010				AVC-0010	
HDTV Cable Kit	YCC-9007 for player YCC-9018 for monitor				YCC-9018 for monitor	
TV Cable Kit	RCA-9007 for player RCA-9018 for monitor				RCA-9018 for monitor	
Physical Specifications						
LED	Power and Activity					
Power Consumption	USB DC5V AC7.5V, 250mA	DC9V, 300mA	DC9V, 480mA	DC9V, 800mA	AC9V, 550mA	AC7.V, 250mA
Dimensions	62 x 113 x 29	240 x 180 x 144			240 x 180 x 144	62 x 113 x 29
Operating Temperature	0°C ~ 50°C					
Storage Temperature	-20°C ~ 60°C					
Humidity	10% ~ 90% Non-Condensing					
Certification						

Product Diagram





Audio/Video Extenders

AVE-9300/9301/9304/9304A/9308/9316 H/W ver.: 1.x
one world_one brand_one level_

Order Information

- AVE-9300:** LR Cat.5 A/V Receiver
- AVE-9301:** 1-port LR Cat.5 A/V Transmitter
- AVE-9304:** 4-port LR Cat.5 A/V Transmitter
- AVE-9304A:** 4+1 ports LR Cat.5 A/V Repeater
- AVE-9308:** 8-port LR Cat.5 A/V Transmitter
- AVE-9316:** 16-port LR Cat.5 A/V Transmitter

Cable Accessories

- RCA-9007:** 0.7m RCA cable for player
- RCA-9018:** 1.8m RCA cable for display
- YCC-9007:** 0.7m YCBCR cable for player
- YCC-9018:** 1.8 YCBCR cable for display
- AVC-0010:** 1m A/V cable for receiver
- VGA-0010:** 1m A/V cable for transmitter

For more information, please contact your LevelOne representative, or visit www.level1.com
All technical specifications are subject to change without notice.
All mentioned brand names are registered trademarks and property of their owners

www.level1.com

