

peerless-AV®

# peerAir™ | PRO

Wireless HD Multi-Display System



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## peerAir Pro Wireless AV Multi-Display System

### ONE SOLUTION, ENDLESS POSSIBILITIES.

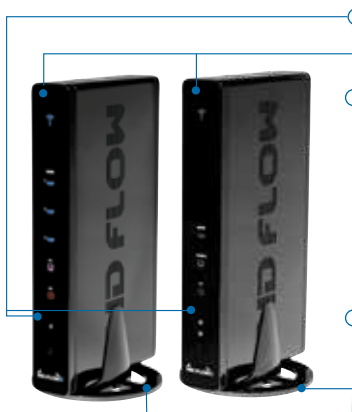
PeerAir Pro is simply the most versatile wireless solution for commercial and residential applications. Get full HD 1080p wherever it's needed with no strings attached. This highly flexible wireless solution provides endless possibilities, working with both digital and analog signals, with any AV or IT device – computers, media servers, DVD players – no problem. And it easily streams up to full HD 1080p and passive 3D content to flat panels or projectors up to 210ft (64m), through walls, floors and ceilings. It can even multicast to up to six displays. This wireless workhorse is a project-saving kit for new installations and retrofits alike.



The most flexible wireless HD solution, works with both analog and digital AV/IT sources

Flexible enough for residential installations, yet powerful enough for digital signage

Provides optimum flexibility, making it a smart part of any integrator's "go-to" kit



- Built-in IR does not require line-of-sight placement to control source devices such as DVR/set-top box, satellite box, Blu-ray®/DVD player, media server, VCR, game console
- PeerAir Pro's (802.11n) private network resists interference and network sharing from nearby wireless routers
- Full HD 1080p (60Hz) (24/30 fps) and passive 3D\* signal flow
- Long range, high-quality streaming up to 210ft (64m) with no reduction of picture quality
- Multicast up to six PeerAir Pro Wireless Receivers\*\*
- Small footprint makes it easy to fit the PeerAir Pro units into any application



\* Devices that are capable of supporting Full HD 1080p and passive 3D capabilities are needed.

\*\* Requires additional Receiver units (HDS300-R-EUK).

Plug and play set up requires no software or driver installation

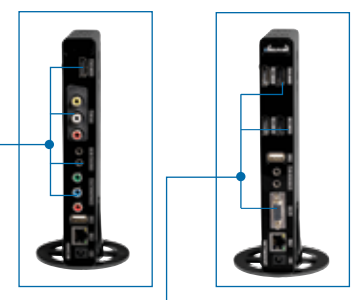
Transmits through walls and ceilings for multi-room streaming capability

Three (3) output port options available  
Ideal for virtually any display device

Plug in up to four (4) AV source devices and easily switch between them with the included remote control

Receiver back

Transmitter back

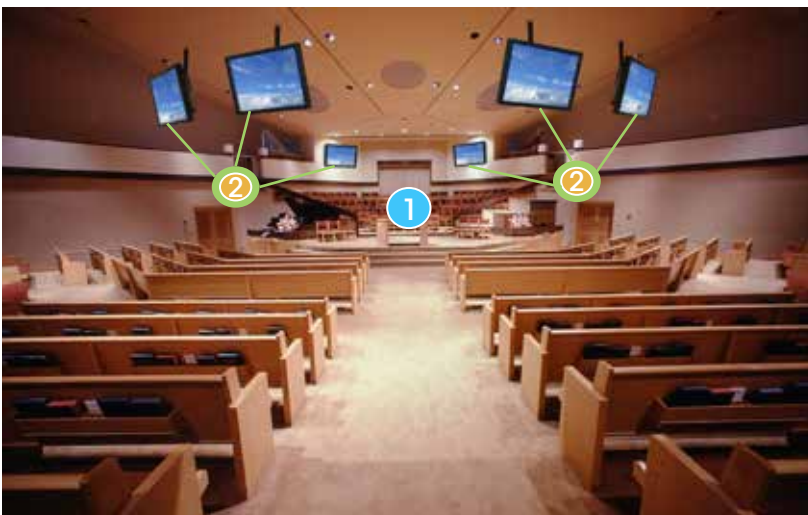
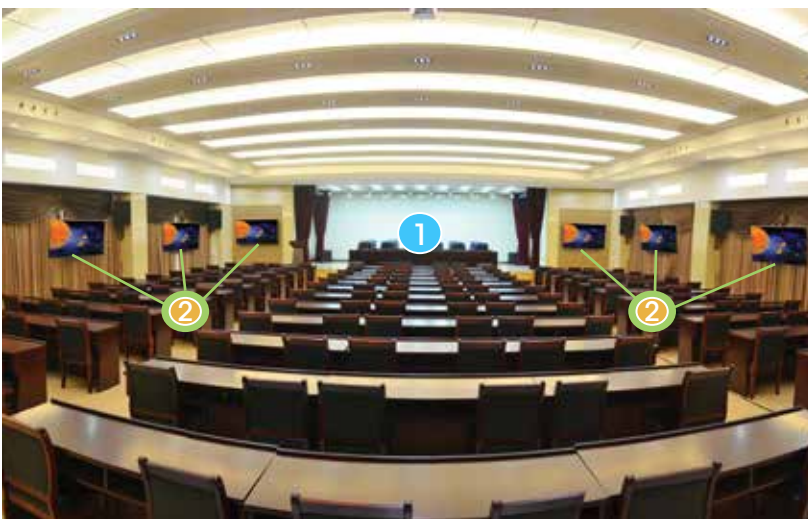


Contact Peerless-AV for more information on the PeerAir Pro system or any other of the award-winning professional mounting and technology solutions available.

Tel: 01923 200100 | Email: sales@peerless-av.eu.com | Website: www.peerless-av.com

## Multi-Display Applications

## HOW IT WORKS



### 1 WIRELESS TRANSMITTER

Connect up to four source devices to the wireless Transmitter using the following inputs:

- Three HDMI inputs enable source devices as well as desktops or laptops that have HDMI capabilities (for Apple® computers use a DVI-to-HDMI or DisplayPort-to-HDMI adaptor).
- One VGA input for PC connection (for analogue devices that require a component or composite connection a component/ composite-VGA adaptor is provided).
- A Composite or Component video input is available with the use of the included dongle used on the VGA input.
- One 3.5mm stereo jack for analog audio for component, composite and VGA inputs.

### 2 WIRELESS RECEIVER

Connect the Receiver to the display device to output streamed AV signal by using one of the following connections:

- One HDMI output for use with any HDMI enabled input device such as a display or projector. (Note: projectors not equipped with a HDMI port may require an HDMI-to-DVI adaptor).
- One composite output for use with analogue display devices such as older displays.
- One component output for analogue projectors and displays.
- One 3.5mm stereo output jack to send audio signal to the display device or external amplifier.

### 3 MULTICASTING

Wirelessly stream AV content to up to six PeerAir Pro Receivers using one Transmitter, making use of the the Multicast feature on any PeerAir Pro Wireless AV Multi-Display System.

Multicast kits are available in two, three, four, five and six Receiver configurations with additional Receivers available to expand any PeerAir Pro system to up to six wireless receivers.

# peerAir™ | PRO Wireless AV Multi-Display System

## peerAir Pro Wireless AV Multi-Display System Specifications



Model	Shipping Dimensions (L x W x H)	Ship Weight	Color	UPC
HDS300-EUK	6.53" x 5" x 8.46" (166 x 127 x 215mm)	4.7lb (2.13kg)	Gloss Black	735029310792
HDS300-2-EUK	10" x 10" x 10" (254 x 254 x 254mm)	6.4lb (2.9kg)	Gloss Black	735029310808
HDS300-3-EUK	10.625" x 9.75" x 13" (270 x 248 x 330mm)	8.3lb (3.18kg)	Gloss Black	735029310815
HDS300-4-EUK	10.625" x 9.75" x 13" (270 x 248 x 330mm)	10.1lb (4.18kg)	Gloss Black	735029310822
HDS300-5-EUK	14.875" x 9.375" x 11.375" (378 x 238 x 289mm)	12.35lb (5.6kg)	Gloss Black	735029310839
HDS300-6-EUK	14.875" x 9.375" x 11.375" (378 x 238 x 289mm)	14.2lb (6.44kg)	Gloss Black	735029310846

### Product Specifications

VIDEO INPUT (Transmitter)	- 3 x HDMI up to 1080p (60Hz) - 1 x VGA: High Density 15-Pin D-Sub (RGB) - 1 x Composite (via included dongle) - 1 x YPbPr Component (via included dongle)
VIDEO OUTPUT (Receiver)	- 1 x HDMI up to 1080p (60Hz) - 1 x Composite - 1 x YPbPr Component Encoding
VIDEO OUTPUT (Transmitter)	- 1 x HDMI up to 1080p (60Hz)** (Via Pass-thru Port)
ENCODING	- H.264 Baseline Profile with Level 4.2 - HDCP Compliant
WIRELESS CONNECTION	- Supporting IEEE 802.11n: OFDM
WIRED CONNECTION	- RJ45 LAN Port - Direct Connection (LAN Cable)
LAN	- 1 x LAN Port (Transmitter and Receiver) - 10/100/1000 Base
USB	- 1 x USB Type A Female (Transmitter and Receiver)
AUDIO	- 2 Ch. Linear PCM, - Analog, 48kHz 16-bit ADC
AUDIO INPUT	- 1 x 3.5mm Audio Jack
AUDIO OUTPUT	- 1 x 3.5mm Audio Jack - 1 Stereo RCA Audio Jack (Receiver)
POWER	- Voltage: 100-240V AC, 50/60Hz - Consumption: 12V DC, 2A
VIDEO RESOLUTION	- 480i/p, 720p, 1080i and 1080p (24/30fps)
VIDEO STREAMING	- < 40ms Latency

FREQUENCY	- 5.18 - 5.25GHz & 5.75 - 5.81GHz
LAN Connection	- 10/100/1000 Base
RANGE	- 210ft (64m)
BROADCAST	- 1 Transmitter to 6 Receivers*
SECURITY	- WPA2 Personal and AES
ANTENNA TYPE	- 2 x Internal Antenna (Transmitter and Receiver) - MIMO Interface
IR FLASHER	- 3 IR Flashers
IR EXTENDER	- 1 IR Extender
REMOTE CONTROL	- 17 button IR remote
LEDS	- Port ID 5 x LED on Transmitter; 3 x LED on Receiver - Power On 1 x LED (Transmitter and Receiver) - Link 1 x LED (Transmitter and Receiver)
Color	- Black
HOUSING CASE	- Plastic
UNIT SPECIFICATIONS	- Dimensions (W x H x D): 1.25" x 7.63" x 4.5" (31 x 193 x 114mm) - Unit Weight: 1.36lb (0.62kg) - Unit Weight w/accessories: 2.32lb (1.05kg)
MASTER PACK SPECIFICATIONS (Quantity of 9)	- Master Pack Qty: 9ea - Dimensions (W x H x D): 20" x 9.4" x 15.6" (508 x 239 x 396mm) - Ship Weight: 31.52lb (14kg)

\* Multicast models available (HDS300-2,-3,-4,-5,-6)  
\*\* From HDMI 1 input only

## peerAir Pro Wireless AV Multi-Display System Accessories



Model	Description	Color	UPC
HDS300-R-EUK	peerAir Pro Wireless AV Multi-Display Receiver	Gloss Black	735029305606
HDS-ASE	Wireless Security Enclosure for use with PeerAir Pro models	Gloss Black	735029292920
HDS-S	Wall Shelf for use with PeerAir Pro models	Gloss Black	735029278153
HDS-IRE	IR Extender	Black	735029291428