PeerAir™ Wireless HD Multimedia System

1 HDMI pass-through feature allows hard-wired connection to a second HDTV

2 Connects up to 2 HDMI devices such as Blu-ray™ player, set-top box, gaming console, etc.

3 USB Gaming/PC Port wirelessly connects computer to gaming controller, keyboard or mouse

4 IR functionality allows remote control of AV devices when stored out of sight

Wireless receiver back

Wireless transmitter back

Long Transmission Range

Plug and Play

Great for Gaming

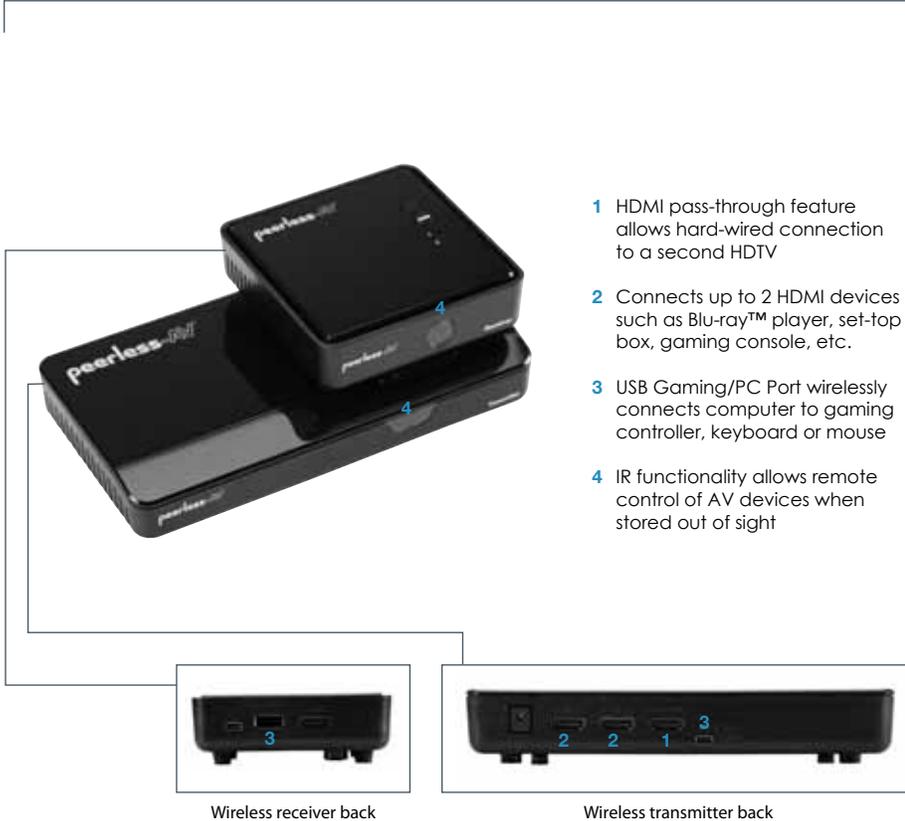Zero Latency

Features

- Stream Full HD 1080p and 3D content wirelessly up to 100ft (30m)*

- HDMI pass-through feature allows hard-wired connection to a second HDTV

- Connects up to 2 HDMI devices such as Blu-ray™ player, set-top box, gaming console, etc.

- USB Gaming/PC Port wirelessly connects computer to gaming controller, keyboard or mouse

- Zero latency (<1ms) enables instant gaming response

- Support 5.1 digital audio

- IR functionality allows remote control of AV devices when stored out of sight

- Transmitter and Receiver can be placed on tabletop or mounted to a wall

* Transmission distance will depend on actual environment. Stated distance is based on line-of-sight measurement. Structures constructed of steel, wood, concrete, or brick may decrease transmission distance.

Wireless content streaming and gaming has never been easier with plug-and-play setup, zero latency, and the ability to stream Full HD 1080p and all 3D content formats. With a wired pass-through feature that sends content to a nearby HDTV, and a wireless receiver able to receive wirelessly streamed content up to 100ft (30m) away, it is simple to watch TV or play video games in different rooms, all without the clutter and cost of running cables.

Connections

Transmitter
(connects to AV devices)

1 DC Power Port: Provides power to Transmitter.

2 HDMI Ports: Two HDMI inputs for connecting HDMI devices such as Blu-ray™ player, gaming console, etc.

3 HDMI Pass-through: Connects AV devices to HDTV using HDMI cable, enabling up to 2 TVs to receive the same content.

4 IR Flasher Port: Provides IR control of AV devices from Receiver location.

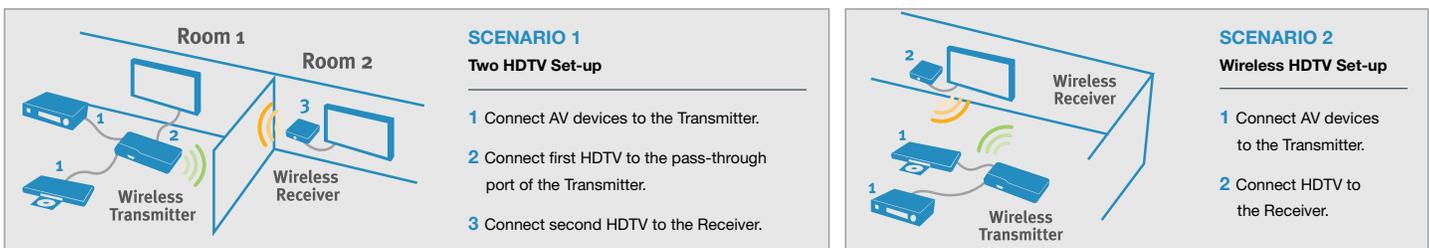**5 Mini USB Gaming/PC Port:** Connects to computer to allow remote use of PC gaming controller, mouse or keyboard.

Receiver
(connects to HDTV)

1 Mini USB Power Port: Provides power to Receiver.

2 USB Gaming/PC Port: Connects to PC game controller, mouse, or keyboard to computer.

3 HDMI Port: Connects Receiver to HDTV.

Typical Setup Scenarios

SCENARIO 1

Two HDTV Set-up

1 Connect AV devices to the Transmitter.

2 Connect first HDTV to the pass-through port of the Transmitter.

3 Connect second HDTV to the Receiver.

SCENARIO 2

Wireless HDTV Set-up

1 Connect AV devices to the Transmitter.

2 Connect HDTV to the Receiver.

Product Specifications

Supported Video Resolutions	1080p, 1080i, 720p, 576p,480p
Supported Audio**	Support 5.1 digital audio
Transmission Distance	Up to 100 feet line of sight (up to 30ft (9m) though one structure) with no latency*
Antenna	Omnidirectional (internal)
Latency	Zero Latency (.001sec)
Operating Frequencies	4.9-5.9 GHz (Includes non-DFS frequency bands)
Power Supply	100-240V AC in, 5V DC power adapter
Operating Temperature	32° to 104°F (0° to 40°C)
Operating Relative Humidity	10%-80%
Storage Temperature	14° to 131°F (-10° to 55°C)

Interface		Transmitter	Receiver
AV	HDMI Input	2 x Type A	N/A
Interface	HDMI Output	1 x Type A	1 x Type A
IR Control	IR Sensor	Yes	Yes
	IR Flasher***	Yes	No
Power Interface	Power Input	5V DC	5V mini USB
Buttons	Power Button	Yes (1 x tact switch)	Yes (1 x tact switch)
	Source Button	Yes (1 x tact switch)	Yes (1 x tact switch)
LEDs	Power LED	1 x LED (two tone: Blue/Red)	1 x LED (two tone: Blue/Red)
	Source LED	2 x LED (Blue)	3 x LED (Blue)
Unit Dimensions W x H x D		7.17" x 1.24" x 3.80" (182 x 31.5 x 96.5mm)	3.74" x 1.28" x 3.74" (95 x 32.2 x 95mm)

*   Transmission distance will depend on actual environment. Distance based on line-of-sight. Structures constructed of steel, wood, concrete, or/and brick may decrease transmission distance.

** Actual output may depend on AV equipment capabilities

*** IR flasher supports 35KHz - 58KH carrier frequencies

Package Specifications

	PACKAGE SIZE (L x W x H)	PACKAGE SHIP WEIGHT	PACKAGE UPC CODE		PACKAGE CONTENTS	UNITS IN PACKAGE
HDS-WHDI100	10.875" x 8" x 3.625" (276 x 203 x 92mm)	2.8lb (1.27kg)	735029291381		· Transmitter · Receiver · IR Flasher, 3ft (1m) · HDMI cable, 5ft (1.5m) · Remote control (battery included) · DC power adapter · Mini USB power adapter · Quick start guide · User manual	1

Accessories

EC-HD015F:
1.5ft (.5m) High Speed HDMI Cable with Ethernet

EC-HD025F:
2.5ft (.75m) High Speed HDMI Cable with Ethernet

EC-HD03F:
3ft (1m) High Speed HDMI Cable with Ethernet

HDS-ASR1:
Shelf for use with HDS-WHDI100 Receiver

Visit peerless-av.com to see the complete line of AV solutions from Peerless-AV, including wireless devices, interactive devices, flat panel mounts, projector mounts, carts/stands, furniture, cables, screen cleaners and a full assortment of accessories.

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