Quick Start Guide

Wireless 3D Digital Kit

GW3DHDKIT
Part No. Q1197-a

Package Contents

1 x Wireless 3D Transmitter

1 x Wireless 3D Receiver

1 x Remote Control

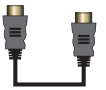
1 x IR Blaster Cable

2 x Power Adapter

Round connector for Transmitter

USB connector for Receiver

1 x HDMI Cable



2 x Battery (AAA)
1 x Quick Start Guide
1 x Warranty / Registration Card

Product Specifications

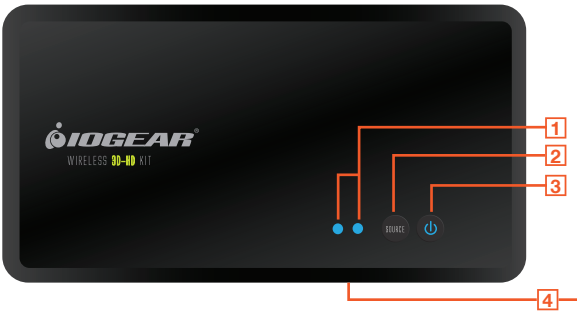
General Specifications			
Supported Video Resolutions	HDMI Input	1080p, 1080i, 720p, 576p, 480p	
Supported Audio Formats	Digital Audio	Up to 6 Mbps AC3 and DTS	
Transmission Distance		The maximum video transmission range is 100 feet.* If you have more than one pair, each transmitter and receiver should be at least 6.5 feet away from one another.	
Antenna		High Performance Internal Antennas	
Operating Frequencies		4.9 ~ 5.9GHz (Include non-DFS and DFS Frequency Bands)	
Power Supply		100 ~ 240V AC in, 5V DC out Power Adaptor	
Operating Temperature		32° ~104°F	
Interfaces		Transmitter	Receiver
A/V Interfaces	HDMI Input	Two (Type A)	-
	HDMI Output	One (Type A)	One (Type A)
IR Control	IR Sensor	Yes	Yes
	Extender	2.5mm Jack; 33KHz ~ 40KHz	-
Power Interface	Power Input	5V DC Jack	5V mini USB
Switches	Power Switch	Yes (One Tack Switch)	Yes (One Tack Switch)
	Source Switch	Yes (One Tack Switch)	Yes (One Tack Switch)
LEDs	Power LED	1 x LED (Blue/Red)	1 x LED (Blue/Red)
	Source LED	2 x Blue LED	2 x Blue LED
	Signal Status	-	OSD Displayed
Dimensions (W) x (L) x (H)		7.25" x 3.75" x 1.25"	3.75" x 3.75" x 1.25"

*Distances may vary depending on environment; solid objects such as steel, concrete and brick may view shorter distances

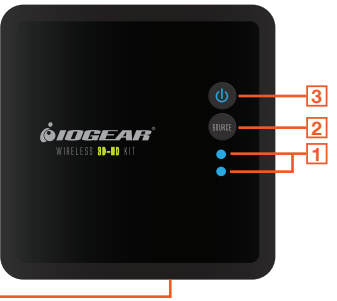
Device Overview

Front

Transmitter



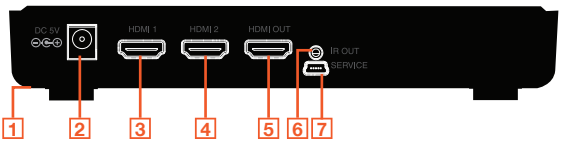
Receiver



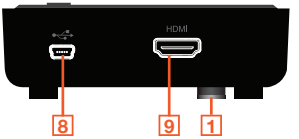
1. **Source Indicator** - The solid blue LED indicator shows the active media source
2. **Source Selection Button** - Press to switch media source of the transmitter
3. **Power Button with LED Indicator** - Press to turn the transmitter on or off
4. **IR Sensor** - See IR Blaster section for details

Back

Transmitter



Receiver



1. **Tripod Bracket**
2. **DC** - Power adapter socket
3. **HDMI 1** - HDMI media source 1
4. **HDMI 2** - HDMI media source 2
5. **HDMI OUT** - HDMI loop-through port for local TV connection (for 2 TV set-up)
6. **IR OUT** - IR blaster cable port (optional)
7. **SERVICE** - Reserved for manufacturer service purposes
8. **Mini USB** - Power adapter socket
9. **HDMI** - HDMI output port for TV connection

Remote

1. **Power** - Press to turn both receiver and transmitter on or off.
2. **IR** - Press to switch the IR Blaster frequency to meet media source device's requirement. Please refer to your device's IR specifications.
3. **INFO** - Press to show on-screen-display (OSD) information on your Receiver TV. Press again to exit.
4. **SOURCE Selection** - Press to switch media source of the transmitter

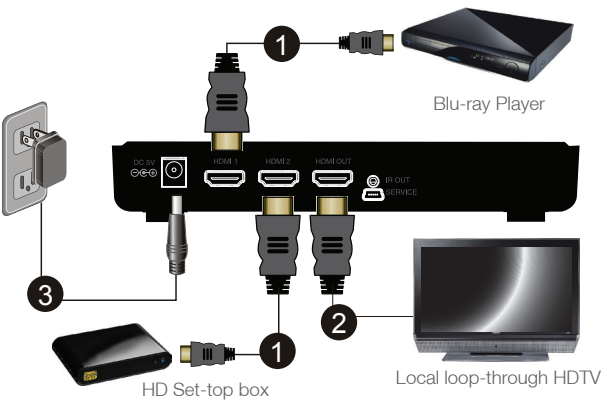
Installation

Before you begin the installation:

- Turn off your TV and all HDMI devices. Ensure you have enough HDMI cables for all devices and there are enough electrical outlets nearby to power all of your devices.
- Position your Transmitter and Receiver up to 100 feet away from each other*. Test the placement for a good signal prior to permanently installing or mounting everything.
- For best performance and range, place the receiver where you have a clear view between the Transmitter and Receiver. Do NOT install the Receiver unit behind/below the TV or other metal devices where wireless signal may experience interference. Do NOT install the Transmitter unit behind/below the Media sources, cabinet or other metal devices where wireless signal may experience interference.
- Do not block any ventilation openings or install near any heat sources such as radiators, AV receivers, stoves or other devices that produce heat.
- The included devices shall not be directly exposed to any liquids.

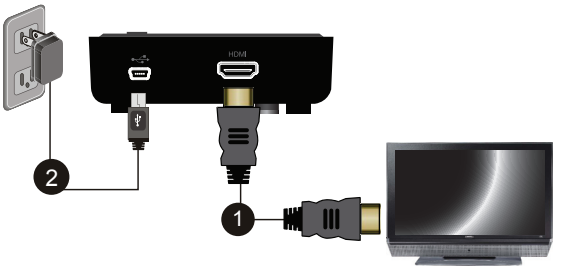
Transmitter Setup

1. Connect your source devices to the transmitter's "HDMI IN" ports with HDMI cables (not included). See IR Blaster section for IR blaster installation (optional)
2. For Two TV set-up, connect the local TV to the transmitter's "HDMI OUT" for the loop-through connection.
3. Connect the power adapter to the DC socket of the transmitter to power up the transmitter. The power LED blinks in blue initially to search for the connection (when the unit is powered off, the LED changes to Red).



Receiver Setup

1. Connect your TV to the HDMI port of the receiver with the included HDMI cable. Please choose the appropriate "HDMI" input source on your TV.
2. Connect the supplied power adapter to the mini USB port of the receiver to power up the receiver. If the kit is in the Standby mode (Both transmitter and receiver POWER LEDs are solid red), press the POWER button from either Transmitter or Receiver will turn on the whole kit.
3. During the boot-up, the POWER LED will blink in blue until the Transmitter and the Receiver are wirelessly connected. This may take up to 20 seconds to establish the connection.



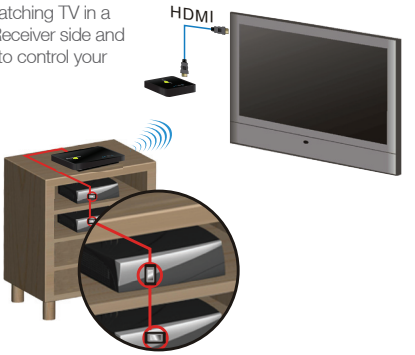
Remote HDTV

Basic Operation

1. Turn on your TV and select the HDMI source input to which the receiver is connected.
2. Turn on your source device and press the SOURCE button on the remote control or on the top of the receiver / transmitter to select the specific source device (HDMI 1 or HDMI 2).
3. The POWER LED should stay in solid blue and you will see the video being broadcasted from your source device. If not, please press "INFO" on the remote control and refer to the on-screen-display (OSD) information below and troubleshooting section.

IR Blaster (Optional)

The Receiver can also send RF signals to the Transmitter. This means that you do not have to point your remote control at your devices as you may be watching TV in a different location. Simply point your device's remote control at the Receiver side and the Transmitter sends IR commands to other devices allowing you to control your Blu-ray player or settop box remotely.



1. Plug the IR blaster cable into the IR OUT port of the transmitter.
2. Refer to your devices' user manual and locate the IR sensor. Manually move the IR blaster to identify a good position of IR response. Securely place the IR blaster.
3. When the connection is established, the Transmitter relays infrared commands from your Receiver to devices. You may need to change the IR frequency to meet your devices' IR specifications. See Troubleshooting for details.

Troubleshooting

Status Description	Power LED (Receiver)	Input LED (Receiver)	OSD Display (Receiver TV)	Troubleshooting
Power saving mode	Static Red	off		Turn on the Transmitter or receiver from the unit or remote control
The transmitter is trying to establish the connection with receiver	Blinking Blue	Blinking	4 level, looping.	This may take up to 20 seconds
Search available channels if the kit cannot establish connections after system boots up	Blinking Blue	Blinking	Looping display these two OSD	The receiver may be out of the transmitter's range. Please shorten the distance or remove some obstacles. The maximum video transmission range for 1080p content is up to 100 ft*.
No input from selected source	Static Blue	Blinking (Quickly)		Please make sure the device is powered and securely connected to the correct input port.
Video format not recognized	Static Blue	Blinking (Slowly)		The video frame rate or resolution is not supported. Please adjust related settings or connect the source directly to the TV for further troubleshooting.
The kit works properly and video format is recognized	Static Blue	Static Blue	HDMI1 CH10 1280x1024	Signal Quality, Source, Channel and resolution will be displayed
Change IR 38KHz default setting	-	-	ir = 38KHz	Press IR button on the remote control to change frequency (38KHz, 40KHz or 33KHz)
3D movies support	-	-	-	3D is supported on 3D-capable TVs and devices. See EDID section and your device's user manual for details.

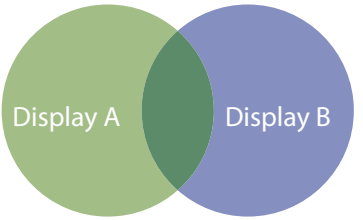
EDID Management

EDID (Extended Display Identification Data) is the data provided by digital displays to indicate their capabilities to video sources.

The Wireless 3D Digital Kit distributes HDMI signals from your video source to two HDMI displays. In order to deliver the best audio and video formats supported by both TVs, the kit reads the EDID information from both displays and determines the “Best Common” video resolutions and audio format to send to the video source to program EDID on the device (i.e. Blu-ray player’s auto resolution setting)

In order to output the best common resolution, the kit reads the EDID whenever a TV is plugged in, unplugged, or turned on/off. You will see both TVs flash couple seconds in order to adjust the “Best Common” resolution that all devices can handle.

To get the best resolution for a specific TV (i.e. 1080p 3D), you can manually change the resolution from your video source or unplug the lower EDID devices then power cycle the kit and devices. For certain 3D Blu-ray players, you may need to eject and insert the 3D Blu-ray disc. Since your video source is not outputting the best common resolution, one of your TVs may not show any content or play audio only. Please refer to your devices’ user manuals for further instructions.



Loop-through TV: 1080p 3D
Remote TV: 720p
Best Common: 720p

Mounting the Receiver to the Wall

Stud mounting is recommended. Use proper hardware for your wall type (such as anchors for drywall). When in doubt, consult your local hardware store. Please use caution and wear proper protection for your safety.

Industry Canada Statement

This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

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IMPORTANT NOTE: (IC: 9078A-ZRF31200)
Radiation Exposure Statement:
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

NOTE IMPORTANTE: (IC: 9078A-ZRF31200)
Déclaration d'exposition aux radiations:
Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Caution:
(i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
(ii) high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

(i) es dispositifs fonctionnant dans la bande 5 150-5 250 MHz sont réservés uniquement pour une utilisation à l’intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;
(ii) De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu’ils ont la priorité) pour les bandes 5 250-5 350 MHz et 5 650-5 850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Federal Communications Commission (FCC) Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential setting. This product generates, uses, and can radiate radio frequency energy and, if not installed and used as directed, it may cause harmful interference to radio communications. Although this product complies with the limits for a Class B digital device, there is no guarantee that interference will not occur in a particular installation.

CE Compliance

This device has been tested and found to comply with the following European Union directives: Electromagnetic Capability (89/336/EMC), Low Voltage (73/23/EEC) and R&TTED (1999/5/EC).

Limited Warranty

WE'RE HERE TO HELP YOU!
NEED ASSISTANCE SETTING UP THIS PRODUCT?

Make sure you:
1. Use the live chat at www.iogear.com to try and solve any issues you may be having with the product
2. Visit the Tech Info Library/FAQ on www.iogear.com (under the Support tab)
3. Call the tech support line at 1-866-946-4327 (U.S. only) or 949-453-8782

Warranty Information
This product carries a 1 Year Limited Warranty. For the terms and conditions of this warranty, please go to http://www.iogear.com/support/warranty or call 1-866-946-4327

Register online at http://www.iogear.com/register

Important Product Information
Product Model _____
Serial Number _____

Limited Warranty

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About Us

FUN
IOGEAR offers connectivity solutions that are innovative, fun, and stylish, helping people enjoy daily life using our high technology products.

GREEN
IOGEAR is an environmentally conscious company that emphasizes the importance of conserving natural resources. The use of our technology solutions helps reduce electronic waste.