

Edimax WD-1000TR WHDI Caster

WD-1000TR **User Manual**

Version 1.0 / July, 2011



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1. Important Information

Please take the time to read this user manual before using the WD-1000TX and WD-1000RX. It contains important information about operating your PC to TV wireless kit.

Our company's limited warranty applies when the product is handled properly for intended use, in accordance with its operating instruction. However, the warranty may be void in the following cases:

- Repair, product modification or alteration have been performed by unauthorized service personnel
- Damages caused by accidents, including but not limited to, lightning, water, fire, or moisture
- Use of an AC adapter not compatible with the product and its voltage rating
- The model number on the product has been altered, deleted, removed or made illegible.

Safety Precautions

	WARNING! RISK OF ELECTRICAL SHOCK DO NOT OPEN	
WARNING: TO REDUCE THE RISK OF ELECTRICAL SHOCK DO NOT REMOVE THE COVER NO USER-SERVICEABLE PARTS ARE INSIDE REFER SERVICING TO QUALIFIED PERSONNEL		

Danger: Be careful with electricity.

- Power to the units must be switched off before any work is undertaken, such as any AV device connection or TV connection.
- **Power outlet:** To prevent electric shock,

make sure to use the appropriate AC adapters as power supply to the transmitter and the receiver.

- **Power cord:** Be sure the power cord is routed so that it will not be stepped on or pinched by heavy items.
- **Power overloading:** Avoid overloading electrical outlets or extension cords which otherwise could result in electric shock or fire.
- **Lightning:** Disconnect the product from the power source if it is left unattended for a long period of time, and to protect the product from lightning.
- Always disconnect the power cord from the power outlet when you are not using your Full HD Video wireless kit. This reduces the risk of electric shocks or fire.



Warning

- This product should not be exposed to dripping or splashing. No object filled with liquids, such as vases, should be placed on the product.
- **Object Entry:** To avoid electric shock, never stick anything in the slots on the case or remove the cover.
- Place receiver/transmitter on a flat, hard and stable surface
- **Ventilation:** Do not block the ventilation slots on the receiver/transmitter or place any heavy object on the top cover. Blocking the air flow could damage the receiver. Arrange components so that air can flow freely around the receiver. Ensure that there is adequate ventilation if the receiver is placed in a stand. Put the receiver/transmitter in a properly ventilated area, away from direct sunlight or any source of heat.
- **Water Exposure:** To reduce the risk of fire or electric shock, do not expose the receiver/transmitter to rain or moisture.
- **This is indoor solution.**
- **Our company has the right to modify this document without any notice.**

DECLARATION OF CONFORMITY

This device complies with Part 15 of the FCC 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.

EMI (Electro Magnetic Interference) tested.

EN 55022 Information technology equipment----

Radio disturbance characteristics--- Limits and methods of measurement

EN 61000-3-2 Electromagnetic compatibility (EMC)---

Part 3-2:Limits---Limits for harmonic current emissions(equipment input current up to and including 16 A per phase)

EN 61000-3-3 Electromagnetic compatibility (EMC)---

Part 3:Limits---Section 3: Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

EN 55024 Information technology equipment----

Equipment---Immunity characteristics---Limits and methods of measurement

EN 301 489-1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services;
Part 1: Common technical requirements

EN 301 489-17

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro magnetic Compatibility (EMC) standard for radio equipment;

Part 17: Specific conditions for 2,4 GHz wideband transmission systems, 5GHz high performance RLAN equipment and 5,8 GHz Broadband Transmitting Systems

EN 60065 Audio , video and similar electronic apparatus—Safety requirements

TRADEMARK INFORMATION

- HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks of HDMI Licensing LLC.

Special Notice

- Never use this product nearby an aircraft or medical facility. It can cause interference or undesirable effect on the operation result.
- Use of this product in the following locations may result in abnormal video and audio output (noise, blocked image... etc.).
 - Product installed in the walls made of concrete.
 - Product situated near the refrigerator or metal fitment.
 - A cluttered room where the wireless signals may be blocked
- This product has been tested and manufactured to comply with each country's safety rules. However, there is no guarantee that interference will not occur in some installation scenario. If the interference happens, increase the distance between the transmitter and receiver.
- WD-1000TR may interfere 5GHz wireless devices, such as routers or other wireless devices. Therefore, if you have an 802.11n router, configure it to the 2.4 GHz band rather than the 5GHz band.
- Optimal range between WD-1000TR transmitter and receiver is between 2 and 10 meters within line of sight.



CAUTION: Using the RF module in the US

- Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.
- This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.
- Outdoor operations in the 5150 ~ 5250MHz, 5600~5650MHz band are prohibited.
- This device has no Ad-hoc capability for 5250~5350MHz and 5470~5725MHz.
- Outdoor operations in the 5470~5725MHz band are prohibited. This device could not be used in the 5600~5650MHz.
- The Device not operation in 5600~5650MHz.
- Industry Canada regulatory information Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
- The user is cautioned that this device should be used only as specified within this manual to meet RF exposure requirements. Use of this device in a manner inconsistent with this manual could lead to excessive RF exposure conditions.
- The following statement must be included with all versions of this document supplied to an OEM or integrator, but should not be distributed to the end user.
 - This device is intended for OEM integrators only.
 - Please See the full Grant of Equipment document for other restrictions.
 - This device must be operated and used with a locally approved access point.

- The following regulatory and Safety notices must be published in documentation supplied to the end user of the product or system incorporating an adapter in compliance with local regulations, Host system must be labeled with "Contains FCC ID: XXX-XXXXX", FCC ID displayed on label.

System Warning

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE 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 installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



CAUTION: Using the System in the US

- Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.
- This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.
- Outdoor operations in the 5150~5250MHz, 5600~5650MHz band are prohibited.
- This device has no Ad-hoc capability for 5250~5350MHz and 5470~5725MHz.
- Outdoor operations in the 5470~5725MHz band are prohibited. This device could not be used in the 5600~5650MHz.
- The device not operation in 5600~5650MHz.



CAUTION: Using this System in Canada

- Industry Canada regulatory information
Operation is subject to the following two conditions:
 1. This device may not cause interference,
 2. This device must accept any interference, including interference that may cause undesired operation of the device.
- The user is cautioned that this device should be used only as specified within this manual to meet RF exposure requirements. Use of this device in a manner inconsistent with this manual could lead to excessive RF exposure conditions.

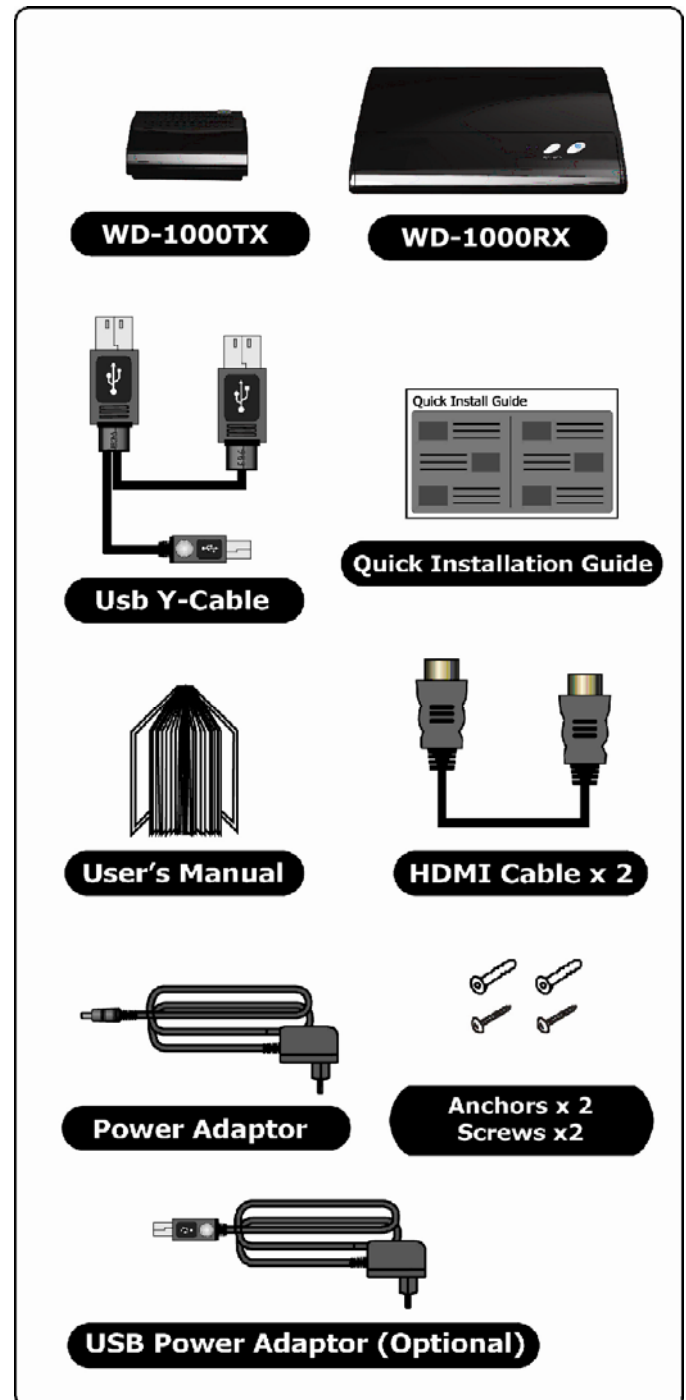
2. Introduction

WD-1000TX (TX) and WD-1000RX (RX) wireless HD audio/video transmission solution allows users to see on the HDTV a great variety of uncompressed 1080p content or web entertainment that's available on their computer, free of the constraint of cables. Just connect the HDTV to the WD-1000RX (receiver) with an HDMI cable, and connect the HDMI-ready computer or any HDMI source to the WD-1000TX (transmitter).

This solution delivers uncompressed 1080p full HD video and audio content to your existing HDTV set wirelessly. It operates the transmission in 4.9 GHz~ 5.9 GHz frequencies and it can adjust its communication frequency automatically in case of interference from another RF system. With built-in Omni-directional antennas, it can transmit uncompressed video content to 10 meters (30 feet) LOS (Line of sight) with no latency.

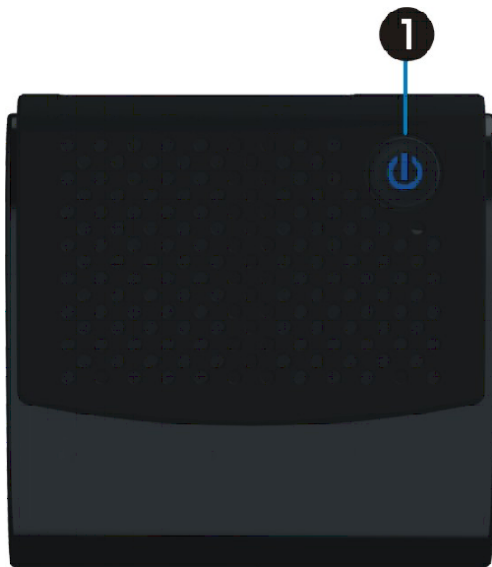
2.1 Packing Content

Please check whether the following items are present in the package. If any items missed or damaged, please call your dealer.



2.2 Overview

WD-1000TX (TX): PC to TV Transmitter



■ Front Panel Buttons and LEDs

❶ Power Button with LED Indicator

Press to turn the transmitter on and off. The indicator in the power button is lit solid blue when the power is on, and turns red in standby mode.

Note:

Make sure you have connected the WD-1000RX correctly to your HDTV set with an HDMI cable, and have selected the correct HDMI input on your TV.

If you have more than one pair of WD-1000TR, each transmitter and receiver should be at least 6.5 feet away from one another..

If both the transmitter and the receiver exist in the same room, the suggested the distance between the two is 6.5 feet minimum.



■ Main Unit Back Panel

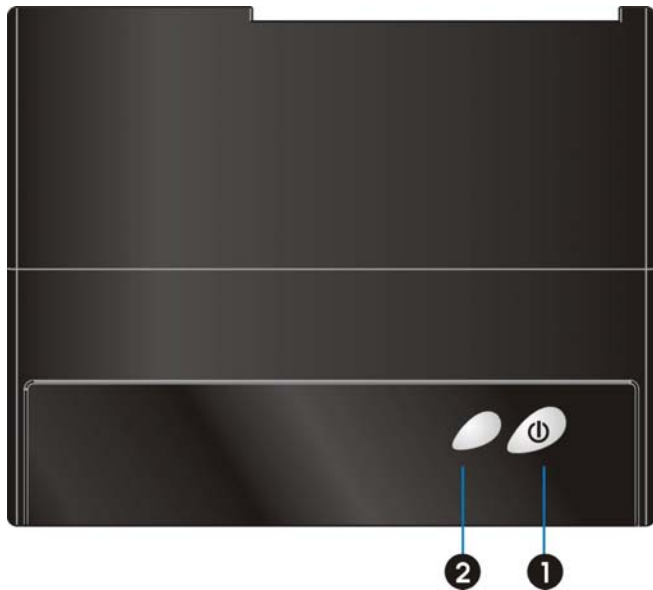
❶ HDMI IN

Connect Transmitter to PC / Notebook or any Source device that have an HDMI port using a provided HDMI cable.

❷ USB Power

You can connect the transmitter to the desktop or laptop's USB port with the provided USB Y-cable, Or use the power adapter with mini USB connector included in the package to supply the power. The transmitter will then be USB-powered. In most cases, only one USB port is needed, but in other cases 2 USB ports of the computer may be taken up for sufficient power supply.

WD-1000RX (RX): PC to TV Receiver



■ Front Panel Buttons and LEDs

❶ **Power Button with LED indicator**

Press to turn the receiver on and off. The indicator in the power button lights up in blue when the power is on, and turns red in standby mode.

❷ **INFO./CHANNEL Selection Button**

Press this button once for OSD displayed the information on the HDTV screen. Keep pressing this button over 3 seconds for manual switching Channel function if user experiences the video noise.



■ Main Unit Back Panel

❶ **HDMI OUT**

Connect the HDTV set via an HDMI cable.

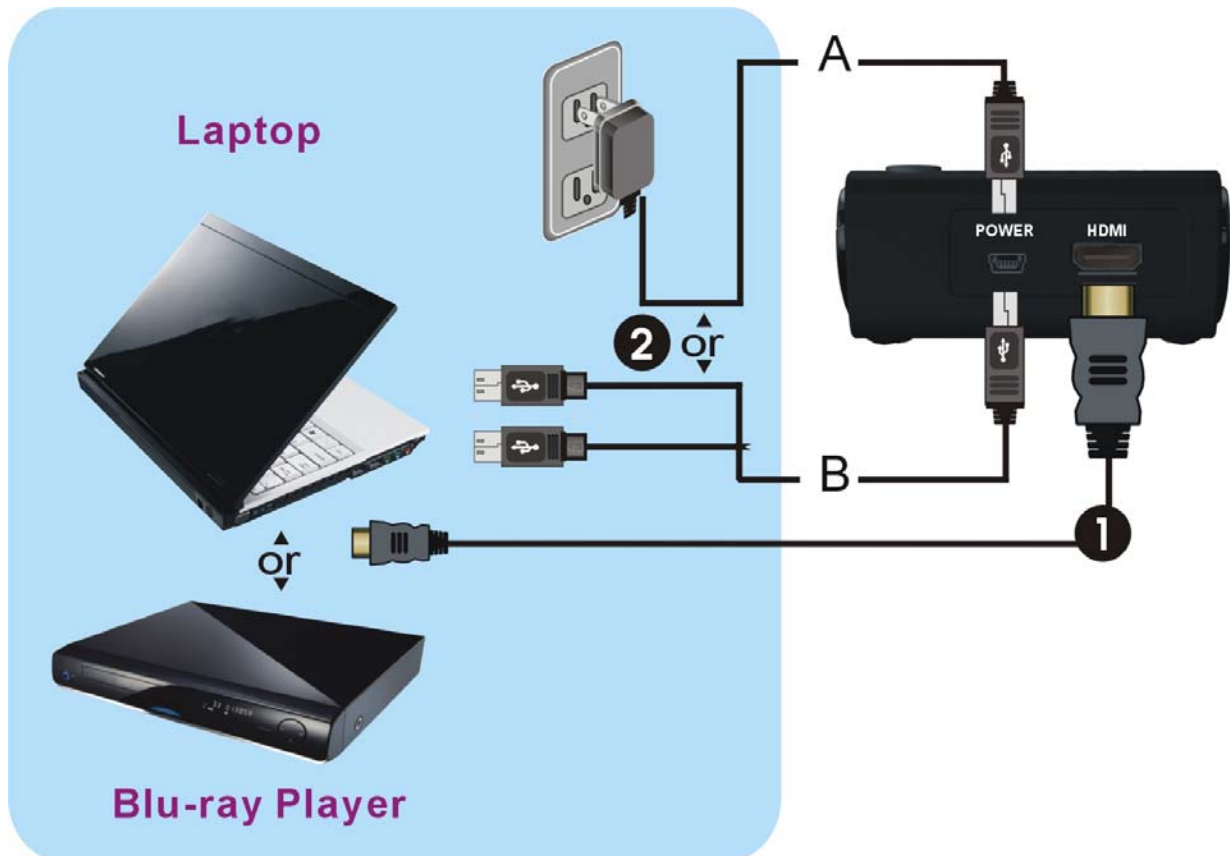
❷ **DC IN**

Connect the receiver's power adapter.

3. Installation

Step 1: Setup the WD-1000TX transmitter

Connect an HDMI-ready computer to the WD-1000TX:

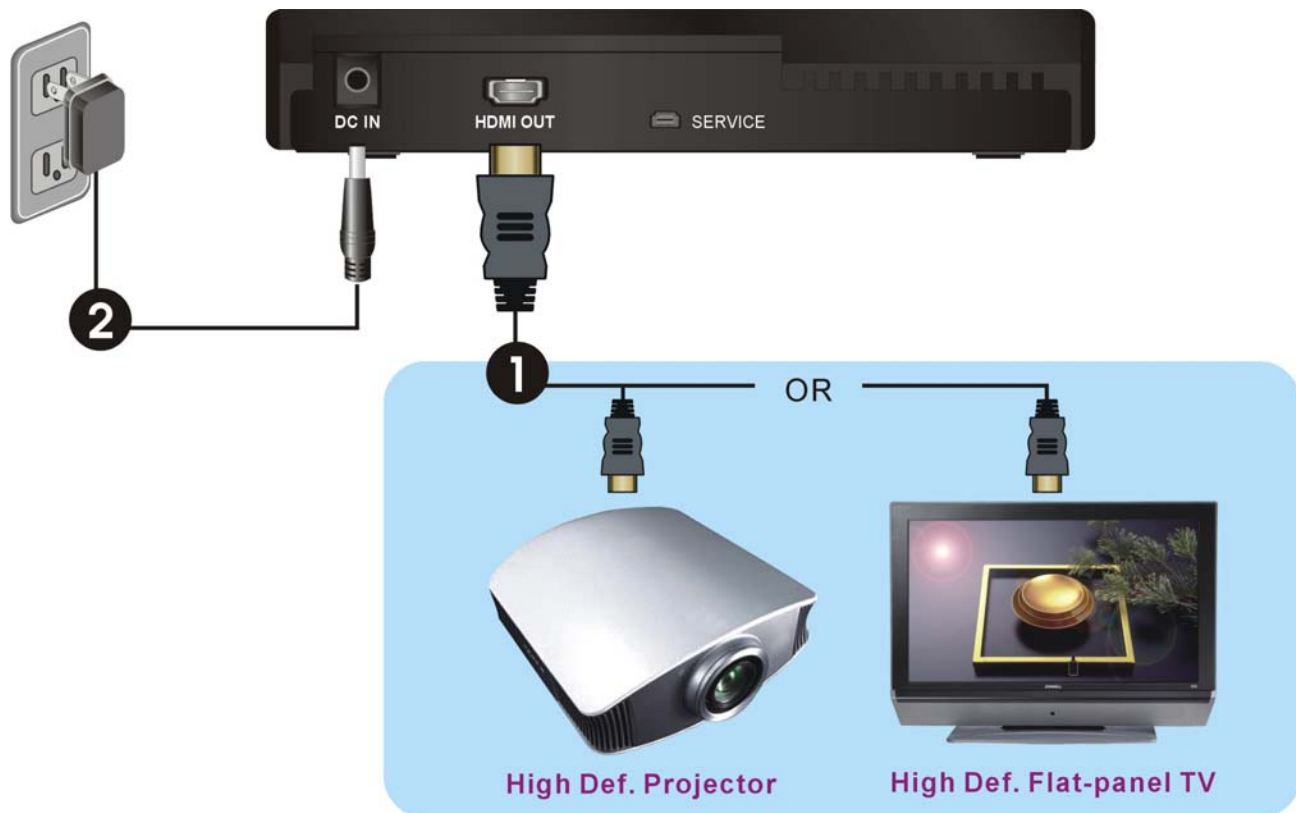


- (1) Connect the WD-1000TX's (transmitter) "HDMI IN" to the HDMI-ready computer's "HDMI OUT" or Source player's "HDMI OUT" with an HDMI cable (included).
- (2) Power Connection :
 - A. Connect dual USB ports of HDMI-ready computer with mini USB port (POWER labeled on back panel) of WD-1000TR transmitter through the USB Y-cable for power supply. One mini USB connector is located on one end of USB Y-cable and another two USB type A connectors are located on another end of USB Y-cable.
 - B. Connect the power adapter with a mini USB connector to the mini USB port of the WD-1000TR for power supply, and then to a wall socket.

The LED indicator in the POWER button should lights up in blue when the WD-1000TX is connected to the computer through USB.

Step 2: Setup the WD-1000RX receiver

HDTV set Connection with WD-1000RX:



(1) Connect the HDMI cable to the HDMI OUT jack of the WD-1000RX and to your HDTV set (or an HD projector).

(2) Connect the supplied power adapter to the DC IN jack of the WD-1000RX and a wall socket. The LED indicator on the POWER button lights up in solid purple when the WD-1000RX is connected to the power mains.

Step 3: Boot up the WD-1000TX and WD-1000RX

- (1) **After** the power cord is plugged into the electrical outlet, the WD-1000TR will be turned on automatically.

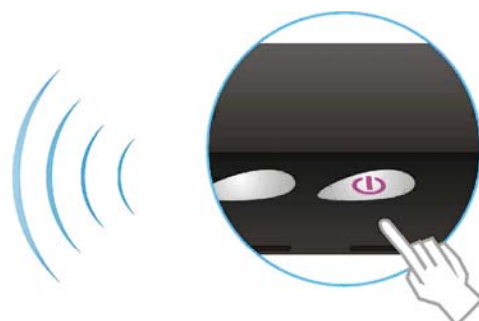


- (2) **If it** is in Standby mode (Both POWER LED of transmitter and receiver are lit in red), press the POWER button on both transmitter and receiver to turn on the WD-1000TX and WD-1000RX. It will take about 1 minute for the system to boot up.

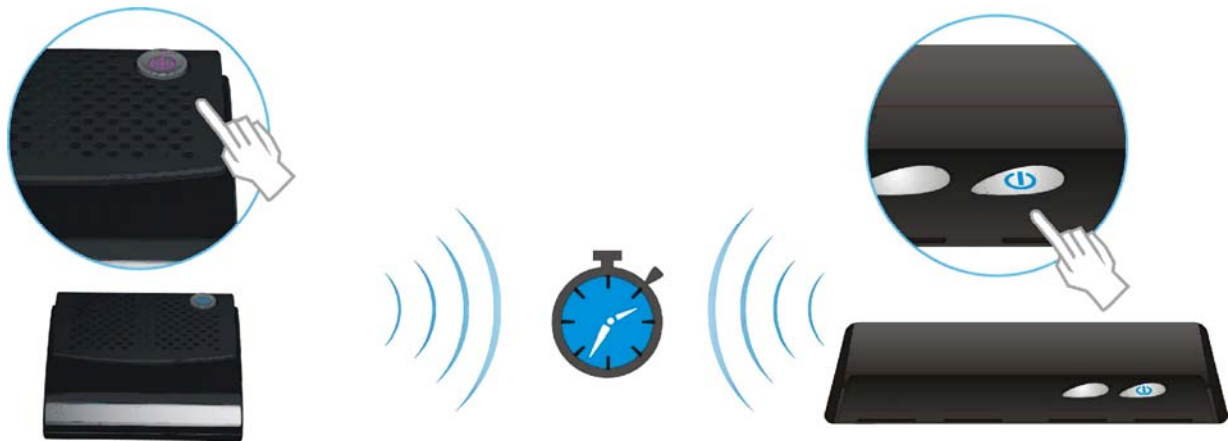


- (3) **If it** is in Listen mode (Transmitter POWER LED is lit in Red and Receiver POWER LED is lit in Purple), press the POWER button of Transmitter (Or just plug in Transmitter's power cord) to turn on the WD-1000TX and WD-1000RX.

Note : During this period, WD-1000RX will enter Listen mode and once the Transmitter boot up, the Transmitter will automatically wakes up the Receiver to establish a link.



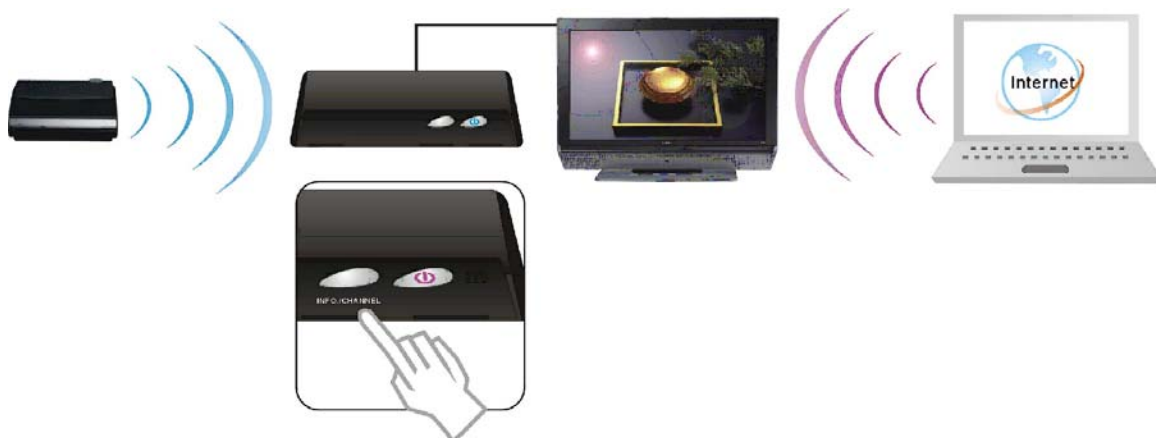
- (4) **During** the warm-up period, the POWER LED will blink in blue until the signal link between the WD-1000TX and the WD-1000RX is established.



Ensure your TV set or projector is in “HDMI input” mode, and is already powered on.




- (5) **If you** have electronic devices such as a cordless phone, wireless access point/ router sharing the 5GHz channel frequency, when you use it near the WD-1000TR, you may experience disturbed picture or diminished sound quality. Press the INFO./CHANNEL button on the top of Receiver box to change the WD-1000TR to different channels.



Note:

A. Changing the WD-1000TR to a different wireless channel:

	1. Enter the wireless RF channel adjustment mode	2. Changes to the next available RF wireless channel	3. Exit the wireless RF channel adjustment mode
Method	Press the INFO./CHANNEL button on the top of Receiver box over 3 seconds for current channel status display.	Press the INFO./CHANNEL button on the top of Receiver box again within 5 seconds to switch channel randomly.	No button is pressed for 5 seconds.
OSD Display Status			Exit.

B. Channel Number Indicating the Wireless Frequency :

Frequency [MHz]	US (DFS)		Europe (DFS)		Taiwan (DFS)	
	Support Region	Channel	Support Region	Channel	Support Region	Channel
5190	V	1	V	1	V	X
5230	V	2	V	2	V	X
5270	V	3	V	3	V	X
5310	V	4	V	4	V	1
5510	V	5	V	5	V	2
5550	V	6	V	6	V	3
5590	X	X	V	X	X	X
5630	X	X	V	X	X	X
5670	V	7	V	7	V	4
5755	V	8	X	X	X	5
5795	V	9	X	X	X	6

Note :

- Gray background are indicates the DFS region.
- * means "Limited to indoor use".
- NOT use Weather Satellite Channels on DFS region:
Center Frequency 5590MHz & 5630MHz






- (6) **If all** operation is normal, the POWER LED and INFO./CHANNEL LED will glow in solid blue.
Please refer to the next form containing detailed LED description :

Note:

- A. Make sure the display for your HDMI-ready computer connected to the WD-1000TX has already been turn on the external display. Please see the Chapter4.1 for the detail operation.
- B. Warming-up or source switching time should take approximately 15~20 seconds if the operation is in normal condition.

(7) **TRANSMITTER/RECEIVER** Status Indicator LED Light and OSD :

- a. Status indicator LED light on the front display the following messages:

Power LED	INFO./Channel LED	Mode	Status Description	OSD Display
Static Purple on RX Static Red on TX	off	Listen	User does not need to press RX power key for system wake up. TX will wake up RX automatically when it boots up.	 HDMI CH10 1280x1024 Standby Mode
Static Red	Off	Standby	For lower power saving used.	 HDMI CH10 1280x1024 Standby Mode
Blinking Blue	Blinking	Booting or Linking	System initialize Or RF linking (Note A)	 HDMI CH Searching available channels.....
Static Blue	Blinking 3 times /sec. (Quickly)	Linked	No input detected from selected source. (Note B)	 HDMI CH No Signal
	Blinking 1 time / sec. (Slowly)		Video frame rate or resolution cannot be recognized. (Note C)	 HDMI CH Not Supported Format
	Static Blue		Video frame rate or resolution is recognized. Transmission is available with stable RF signal.	

Note:

- A. If the RF connection over 80sec and still not established, it might link is lost or the transmitter is most likely out of range. You may have to verify the range and adjust or shorten the distance between your HDTV set with the transmitter and the receiver. The maximum video transmission range for 1080p content is up to 30 feet in line of sight (LOS). < The minimum range is 6.5 feet. >
- B. Please make sure the computer have been power on and switched the signal output to HDMI out; also try to re-plug the HDMI cable to make sure the HDMI connector had settled well.
- C. If there is no video displayed and OSD displayed “Not Supported Format”, this is an indication that the video frame rate from the computer is not supported, please refer chapter 5 to switch a supported video timing.

(8) **TRANSMITTER/RECEIVER** Status on OSD vs. buttons:

❶ Press the **POWER** button on the top of Transmitter (or Receiver) to enter “Standby mode” from “active mode”.


OSD Displayed :



The OSD display shows a signal icon, a signal strength bar, and the text "HDMI CH10 1280x1024". Below this, a grey bar contains the text "Standby Mode".

❷ Press the **INFO./ CHANNEL** button on the top of Receiver, the Signal Quality, Source, Channel and resolution will be displayed for user reference.

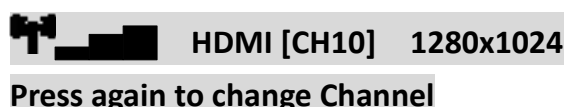
OSD Displayed :



The OSD display shows a signal icon, a signal strength bar, and the text "HDMI CH10 1280x1024". Below this, a grey bar contains the text "Press again to exit the OSD".

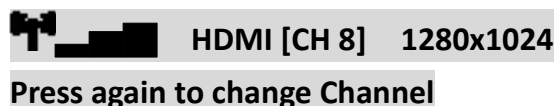
❸ Press the **INFO./ CHANNEL** button on the top of Receiver to manually switch wireless channels if the user experiences video noise.

Keep press “INFO./Channel” button over 3 seconds for current Channel status displayed on the OSD :



The OSD display shows a signal icon, a signal strength bar, and the text "HDMI [CH10] 1280x1024". Below this, a grey bar contains the text "Press again to change Channel".

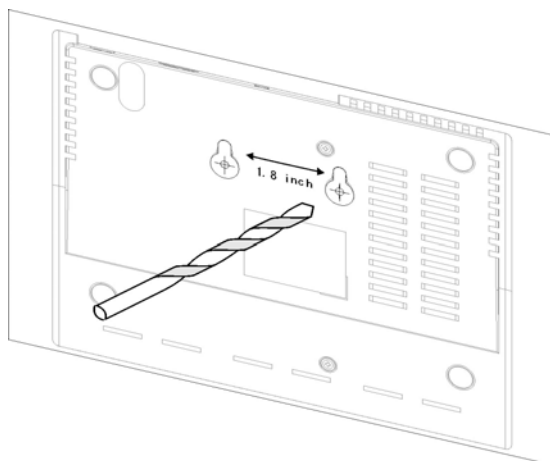
Press the “INFO./Channel” button again within 5 seconds to switch Channel manually.



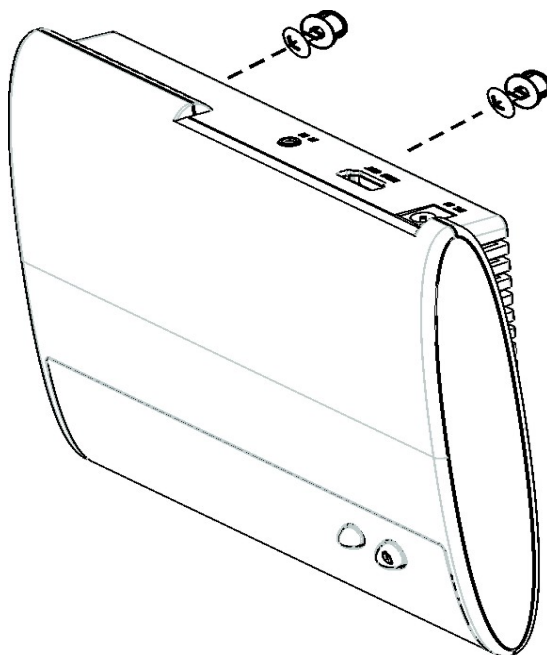
The OSD display shows a signal icon, a signal strength bar, and the text "HDMI [CH 8] 1280x1024". Below this, a grey bar contains the text "Press again to change Channel".

Step 4: Mounting the WD-1000RX to the Wall

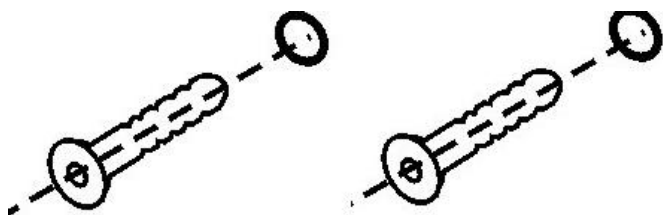
- (1) Refer the drawing of the bottom page that have relative position of the key holes and attach this paper on wall.



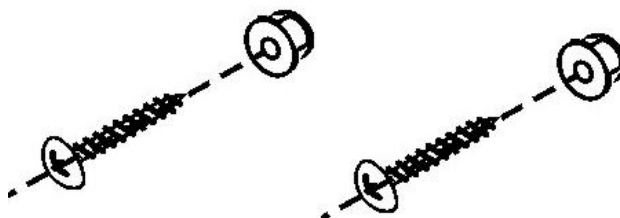
- (5) Place WD-1000RX key holes over the protruding screws and slide down into position.



- (2) Drill pilot holes.
- (3) Insert the supplied two Anchors into the wall.



- (4) Insert two screws into the anchors. Leave 1/8" length for mounting the Transmitter or receiver.




4. Troubleshooting

Problem	Solution
The WD-1000TR front panel power indicator (red LED) doesn't light up.	<ul style="list-style-type: none"> • Check if the power plugs of WD-1000TX/WD-1000RX are properly inserted into a functioning power outlet. • Make sure both POWER LED of WD-1000TX/ZWD1222R are lit in the blue.
There is no video displayed on your TV screen.	<ul style="list-style-type: none"> • The wireless link might require 80 seconds to connect between transmitter and receiver, and show video on the TV screen. Please be patient and wait for a while. • Verify that the proper cables have been selected and installed between the WD-1000TX (transmitter) input and your High-end PC output. • On your TV side (connected to the WD-1000RX), select the HDMI as input source. • Verify the POWER LED and INFO./CHANNEL LED indicator of WD-1000TR. <p>Power LED Flashing in Blue OSD displayed : Searching available channels..... * Ensure the transmission range between the transmitter and the receiver is not over 30 feet (LOS-line of sight) transmission distance. Move the transmitter closer to the receiver. * Press INFO./CHANNEL on the top of receiver box to manually change the wireless channel. Please refer Chapter3 / Step 3 / Section 8 / Item 3 for the detail operation.</p> <p>POWER LED in Solid Blue + Slow and Flashing SOURCE LED OSD displayed : Not supported Video format * Ensure your video resolution and frame rate is recognized/ supported and within the transmission range. * Connect the source device to your TV to check and modify the video format compatibility. * Check your video resolution with HDMI input from your device is 1080p, 1080i, 720p, 576p, 480p. Please refer Chapter 5 for the detail supported Resolution.</p> <p>POWER LED in Solid Blue + STATUS LED Flash Quickly OSD displayed : No Signal * Ensure the proper cables are connected between the transmitter and your PC (or Notebook) devices. * Ensure your PC (or Source device) devices connected to the</p>

	<p>WD-1000TR transmitter are powered on.</p> <p>* Ensure the display setting for your PC (or laptop) had been switched to clone mode, Projector out mode or dual display mode for enable external display. (Refer Chapter 4.1 for the detail operation.)</p>
Poor picture quality or intermittent video play.	<ul style="list-style-type: none"> • Check if your video resolution with HDMI input from your PC device is either 1080p, 1080i, 720p, 576p, or 480p. Please refer to the "Supported Resolution" chapter where the video frame rate from your PC device WD-1000TR can support is defined. • Press INFO./CHANNEL on the top of WD-1000RX box to manually change the wireless channel. • Ensure the transmission distance is less than 30 feet (LOS).
No audio.	<ul style="list-style-type: none"> • Check if your TV's volume is properly set and not in "MUTE" . • Check if your PC's (or laptops) audio output has been switched to HDMI out. • Check if your PC's (or laptop's) audio volume has been turned up. • Ensure the bit rate of audio from the source device can be supported by WD-1000TR. Please refer to the details in Chapter 6, Audio Bit Rate Support.
If no audio / video when resume from PC's sleep mode.	<ul style="list-style-type: none"> • Please try to re-plug the HDMI cable of TX for re-detect the external HDMI device • Please try to reboot WD-1000TR for re-synchronize the display setting. • Please try to reboot your PC (or laptop)

4.1 Windows OS Display setting of Laptop for enables external display

◆ On Windows7 OS :

1. Press  key + **P** key
2. There is a Pop icon displayed on the screen, likes below :

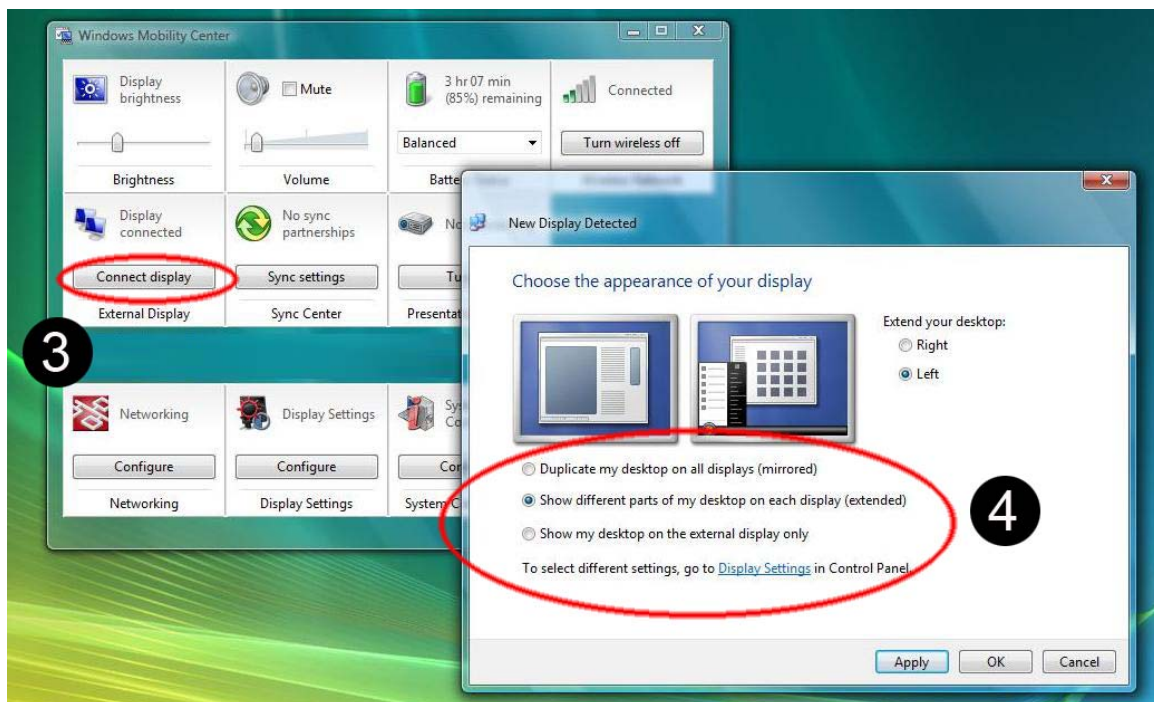
3. Select Clone mode or Extend Display or Project out only to enable external display.

♦ **On Windows Vista OS:**

1. Click to open **Windows Mobility Center** ② from **Start** ①



2. On the **External Display** title, click **Connect display** ③ to open **New display Detected**
3. Choose **Mirrored** or **Extended** mode to enable external display.




♦ **On Windows XP OS:**

1. Click the right key of the mouse on the desktop
2. Click **Graphic Option / Output to**
3. Click **Clone** mode or **extended display**

Note: For more information, please type “change display settings” on Windows Help and Support.

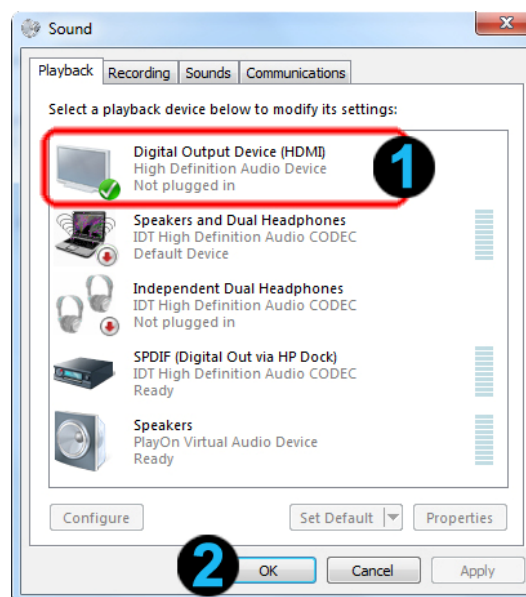
4.2 MAC OS Display setting of Laptop for enables external display

- ♦ MAC OS will detect external display equipment automatically and switch to a better video resolution when user plugs in the display cable to Apple Mac series.
- ♦ Once MAC OS do not detect external display automatically, please check below :
 1. Click to open **Displays** form  / **System Performance**
 2. Click **Detect Displays** for re-detect the external display

4.3 Windows OS Audio setting of Laptop for switch to HDMI output

- ♦ On Windows7 OS :

1. Click to open Audio setting from Control panel
2. Select **HDMI Output**❶ and Press **OK**❷



- ♦ On Vista OS :

1. Click to open **Windows Mobility Center** ❷ from **Start** ❶



2. On the **Volume**③ title, click the **Change Audio setting**④ icon to open **Sound** page
3. Select **HDMI output**⑤ and press **OK**⑥



◆ **On Windows XP OS :**

1. Click to open Audio setting from Control panel
2. Select **HDMI Output** and Press **OK**

Note: For more information, please check “Windows Help and Support”.

5. Supported Resolution

If the SOURCE LED continues to blink in blue (slower than “no signal” mode); OSD display: “No Supported Format” and there is no video displayed or the video quality suffers, it indicates that the video frame rate from your A/V source device is not supported. Ensure that the consumer timing of your HD device is compliant with the standard listed below:

Video Format Timings	Resolution	Supported
Primary CEA Video Timing		
640x480p @ 59.94 / 60Hz	480p	YES
720x480p @ 59.94Hz		YES
720x480p @ 60Hz		YES
720x576p @ 50Hz	576p	YES
1280x720p @ 50Hz	720p	YES
1280x720p @ 59.94 / 60Hz		YES
1920x1080i @ 50Hz	1080i	YES
1920x1080i @ 59.94 / 60Hz		YES
1920x1080p @ 50Hz	1080p / 60	YES
1920x1080p @ 59.94 / 60Hz		YES
Secondary CEA Video Timing		
1920x1080p @ 23.98 / 24Hz	1080p / 24	YES
1920x1080p @ 25Hz		YES
1920x1080p @ 29.97 / 30Hz		YES
VESA Timing (DVI only)		
640x480 @ 59.94 / 72.809Hz	VGA	YES
800x600 @ 60.317 / 72.188Hz	SVGA	YES
1024x768 @ 60 / 70.069Hz	XGA	YES
1280x768 @ 60 Hz	WXGA	YES
1280x1024 @ 60 Hz	SXGA	YES
1600x1200 @ 60Hz	UXGA	YES

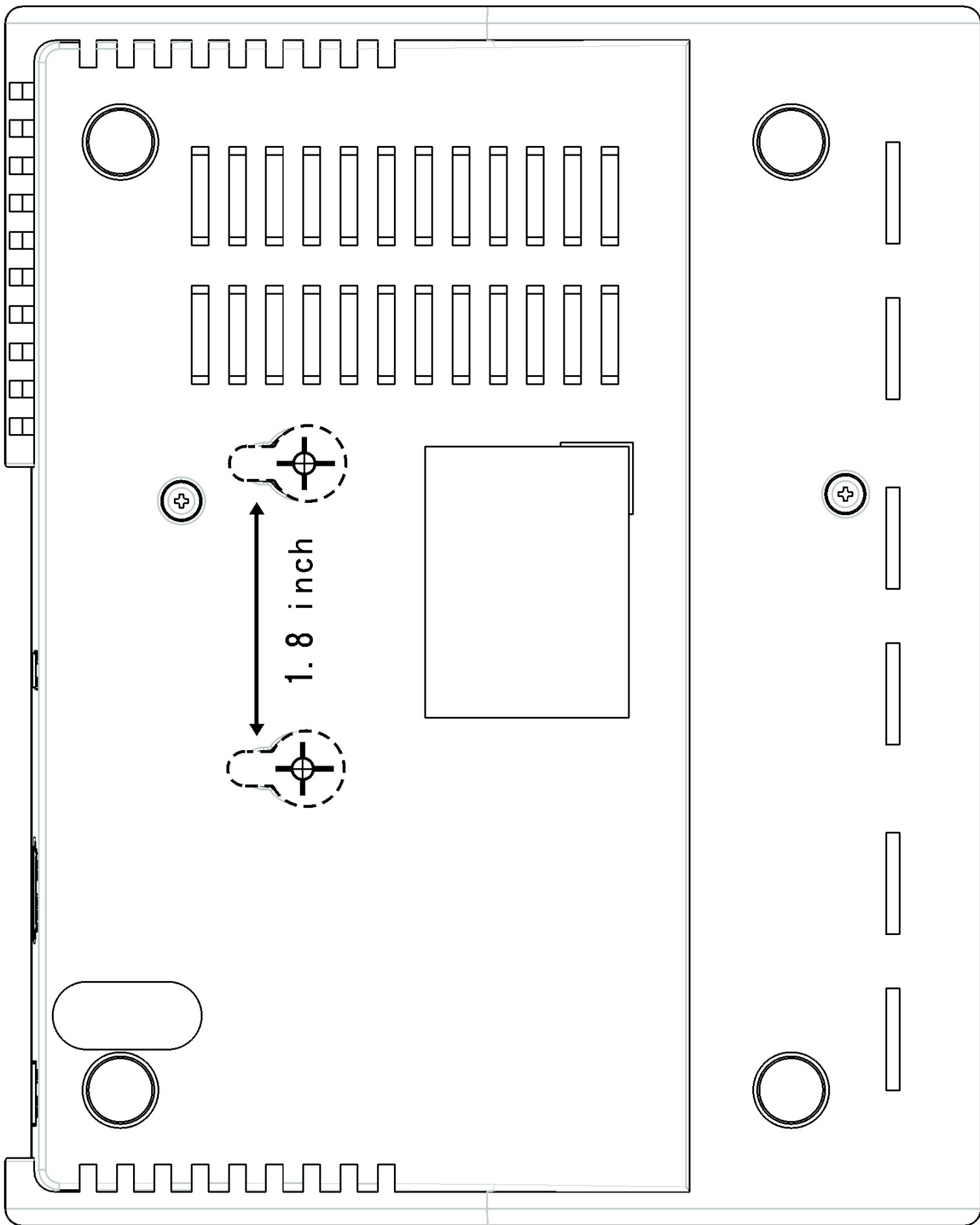
6. Audio Bit Rate Support

- Digital Audio from HDMI inputs: Up to 6Mbit/s bit-rate support.
- Support AC3 and DTS.
 - ☐ 2-channel PCM audio : 16~24 bits audio sample with 32~48KHz sampling rate

2channel PCM	32KHz	44.1KHz	48KHz	96KHz
16 bits	YES	YES	YES	YES
24 bits	YES	YES	YES	YES

7. Product Specification

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 10 meters (30 feet) (The minimum range is 2 meters) line of sight (LOS) scenarios	
System Latency		No latency (<1ms)	
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 2A DC out Power Adaptor	
Operating Temperature		0~40°C	
Interfaces		WD-1000TX	WD-1000RX
A/V Interfaces	HDMI Input	One (Type A)	-
	HDMI Output	-	One (Type A)
Power Interface	Power Input	USB Y-cable connected to Dual USB Port of PC side.	5V DC Jack
Switches	Power Switch	YES (One Tack Switch)	YES (One Tack Switch)
	INFO./Channel Switch	-	YES (One Tack Switch)
LEDs	Power LED	1 x LED (Two Tone: Blue / Red)	1 x LED (Three Tone: Blue / Red / Purple)
	Status LED	-	1 x Blue LED
	Signal Quality Status	-	OSD Displayed
Dimensions		84(W) x 84(L) x 36(H) mm	181(W) x 145(L) x 33(H) mm





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