Wii2HDMI
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HDMI your Wii.

Wii2HDMI *User's Guide*

Introduction

Wii2HDMI, a converter for the Wii console, outputs video and audio in full digital HDMI format and supports all Wii display modes (NTSC 480i 480p, PAL 576i). With just one HDMI cable, plug and play for true-to-life video/audio effects on your TV/monitor.

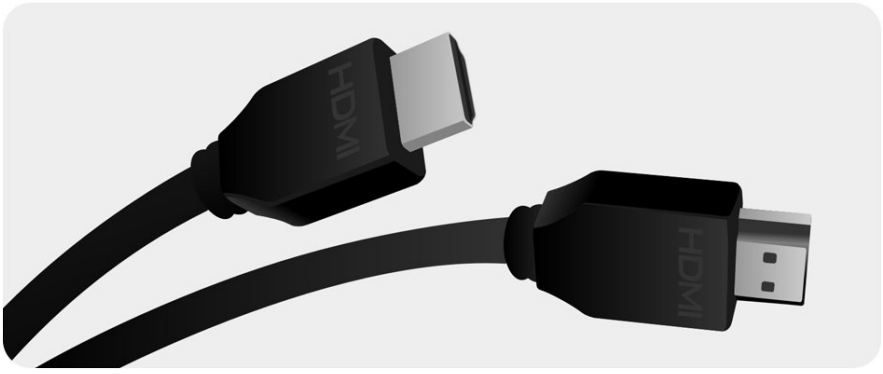
Features

1. Video and audio in full digital HDMI format, no transmission loss!
2. Works with DVI monitor.
3. Hassle Free! Plug and play as you go.
4. Supports all Wii display modes (NTSC 480i 480p, PAL 576i).
5. LED indicator shows current display mode and status.
6. No power adaptor, no messy cords—just one HDMI cable.
7. Best buy for great display quality and limited budget!

Requirements

a. For HDMI connection:

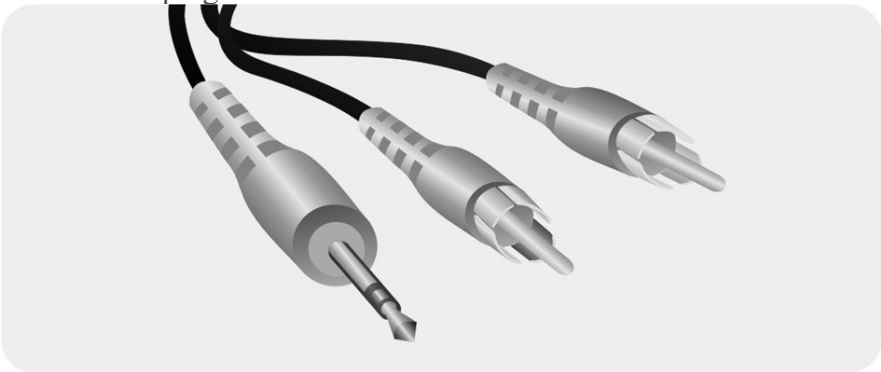
1. A TV/monitor with HDMI input
2. A standard HDMI cable



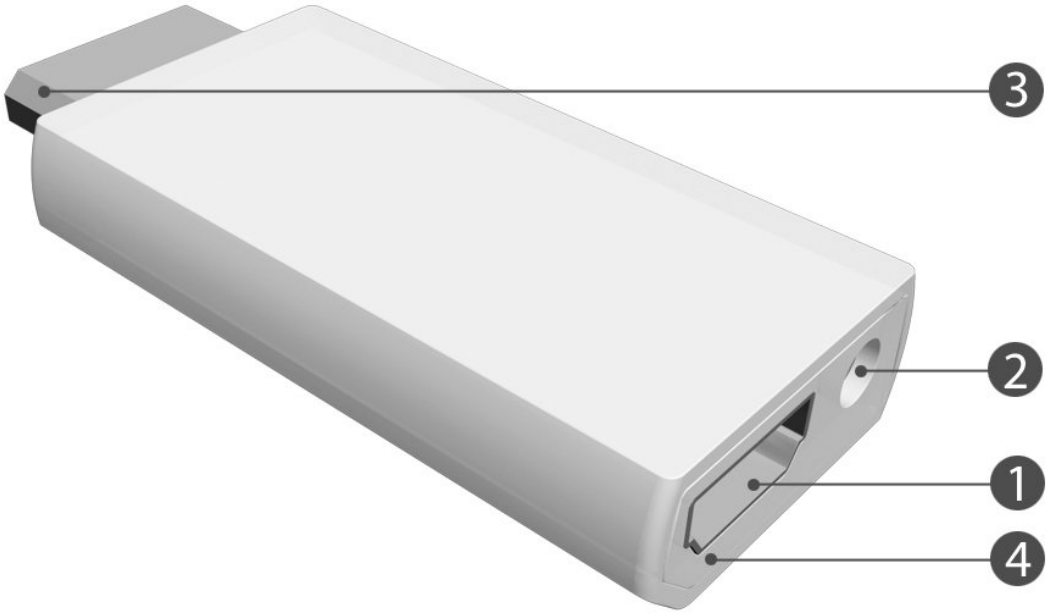
b. For DVI connection:

1. A TV/monitor with DVI input
2. A HDMI to DVI cable

3. A 3.5mm plug to 2RCA audio cable



Illustration



1. HDMI Output
Outputs pure digital HDMI video/audio signals.

2. 3.5mm Stereo Audio Jack
Outputs analog stereo audio signal. (Used when connecting to DVI TV/monitor only.)

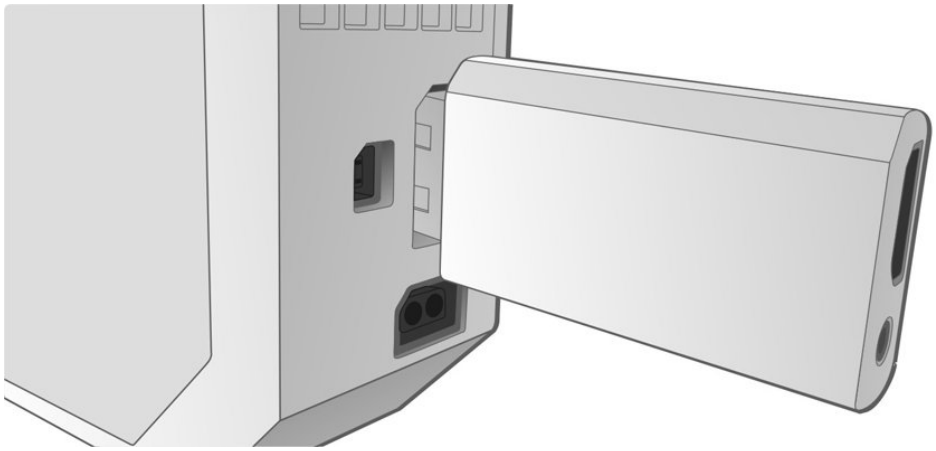
3. Wii AV Multi Out Plug
Plugged into the AV Multi Out connector on the back of the Wii console.

4. Mode Indicator
Shows the display mode to indicate Wii2HDMI processes, as follows:

Flashes 3 times ×3	When the Wii console boots.
Flashes continuously	When the present output signal is in 480i or 576i.
Keeps lighting up	When the present output signal is in 480p.
Dark	1. When connected improperly or no output signals. 2. TV/monitor is powered off or in standby mode. 3.The video input of the TV/monitor does not match the HDMI input connector used by the Wii2HDMI.

Setups for Connecting to a TV/Monitor with HDMI Input

1. Make sure that the Wii console is powered Off. Then insert the AV Multi Out Plug of the Wii2HDMI into the AV Multi Out Connector in the back of the Wii console.



2. Plug one end of the HDMI cable into the Wii2HDMI HDMI output, and plug the other end to the HDMI input on the TV/monitor.

3. Turn on the TV/monitor and switch the video input of the TV to match the HDMI input connector used by the Wii2HDMI. Then you should be able to see the Wii screen after you turn on the Wii console.

Note: In order to obtain the best display quality, we strongly recommend that you set the Wii video output to 480p mode (progressive mode). For more details, please refer to the "Set the Wii Video Output to 480p Mode" section.

Set the Wii Video Output to 480p Mode

Under 480p mode, the image data is double what it is under the 480i mode. Therefore, the 480p mode can provide you with much better display quality. In addition, as long as your TV/monitor has HDMI input, it is technically compelled to support the 480p mode; and even though most of the TVs/monitors support the 480i mode, it is not the usual standard. In conclusion, 480p is a better mode for higher display quality, as well as a better solution to avoid compatibility problems with TVs/monitors. Therefore, we strongly recommend that when you use the Wii2HDMI, you set the Wii video output to 480p mode. The detailed setups are as follows:

1. Make sure that the Wii console is powered off and that no disc is in the tray.

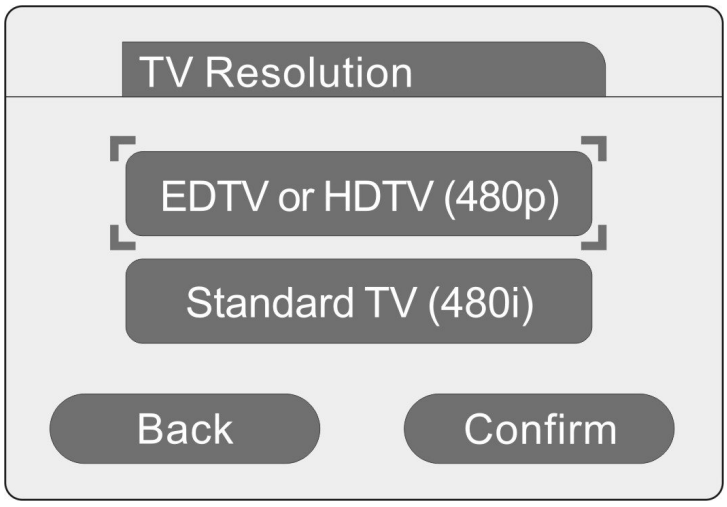
2. Power on the Wii console to reach the Wii Channel menu. Then, click on the "Wii" button on the lower lefthand side.

3. On the next screen, select the “Wii Settings” on the right-hand side.

4. From the “Wii System Settings 1” screen, select the “Screen” button.

5. From the “Screen” screen, select the “TV Resolution” button.

6. From the “TV Resolution” screen, select the “EDTV or HDTV (480p)” button, and click the "Confirm" button on the lower righthand side. At this point, you should have successfully set your Wii video output to 480p mode.



Setups for Connecting to a TV/Monitor with DVI Connector

Unlike HDMI, DVI cannot carry audio data. Therefore, in addition to a HDMI-to-DVI cable, you will also need a 3.5mm plug to the 2RCA audio cable.
1. Make sure that the Wii console is powered off. Then insert the AV Multi Out Plug of the Wii2HDMI into the AV Multi Out Connector in the back of the Wii console.

2. Plug the HDMI end of the HDMI-to-DVI cable into the Wii2HDMI HDMI output, and the DVI end to the DVI input on the TV/monitor.

3. Connect the 3.5mm plug end of the audio cable to the 3.5mm stereo audio jack on the Wii2HDMI, and connect the other end of the audio cable to the RCA connectors on the TV/monitor or stereo equipment. Usually, there are red and white RCA connectors that need to be connected.

4. Turn on the TV/monitor; switch the video input of the TV to match the DVI input connector used by the Wii2HDMI. Then you should be able to see the Wii screen after you turn on the Wii console.

Note I: In order to obtain the best display quality, we strongly recommend that you set the Wii video output to 480p mode (progressive mode). For more details, please refer to the "Set the Wii Video Output to 480p Mode" section.

Note II: If the audio input connector on your TV/monitor or stereo equipment is a 3.5mm audio jack rather than RCA connectors, then you will need to have a 3.5mm to 3.5mm male-to-male stereo audio cable instead.

FAQ

Q: Can Wii2HDMI improve the display quality?
A: The correct answer is both “Yes” and “No”!

If you have always used the composite cable (in the package when you purchased the Wii console) or SCART cables, which support only 480i mode, then you will notice a major improvement after using Wii2HDMI.

The Wii2HDMI doesn’t have de-interlacing or scaling functionality, but it faithfully converts the video signals from the Wii console to HDMI signals. Therefore, there is no obvious difference if you compare the HDMI signals with the 480p signals displayed under the best conditions.
On the other hand, because the HDMI signal output from the Wii2HDMI is in digital video/audio format, no quality degrading problem occurs during transmission. Therefore, compared with the analogue signals, which degrade along with distance, the digital HDMI signals output from the Wii2HDMI can provide you with superior display quality without transmission loss!

Q: I already set the Wii video output to 480p mode, but why does the Wii2HDMI still output video in 480i mode?
A: The output mode depends on several factors: 1) theWii console, 2) Wii2HDMI, 3) theTV/monitor, and 4) the gaming software. The first two items can correctly support 480p without any problem, and all HDMI TV/monitors are required to support 480p mode. Therefore, if you have already set the display mode on the Wii console to 480p, but it still outputs in 480i mode, then the only possibility remains with your Wii gaming software, which may not support 480p mode.

The great majority of the Wii gaming software supports 480p mode, including most newly released games. Nonetheless, a few games still do not support 480p.

Q: My Wii console is a European version with 576i format option. I wonder if the Wii2HDMI will work with it?
A: Wii2HDMI does support 576i format. If your HDMI TV/monitor also supports 576i format, then you may choose to display in 576i format. However, 576i and 480i mode belong to the interlace format; therefore, the display quality is not as good as 480p which is a progressive scan type. Thus, for better display quality and compatibility, we still suggest using 480p mode.

Specifications

Dimensions:
33 x 72 x 13 mm

Weight:
13g

Power Consumption:
below 1.5W

Supported Video Mode:
Includes all the display modes of the Wii console (480i, 480p, 576i)

Input Connector:
Wii AV Multi Out Plug x 1

Output Connectors:
HDMI Connector x 1
3.5mm Stereo Audio Jack x 1

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