HDMI - 2 Connecting Xbox 360 to Turtle Beach X-headsets

Ear Force Xbox 360 Audio Adapter

What is it?

- The Ear Force Xbox 360 Audio Adapter is a cable that connects to the A/V port on the back of an Xbox 360, and provides white and red RCA (stereo) outputs, as well as a digital optical (S/PDIF, TOSlink) output.

Do I need the Xbox 360 Audio Adapter?

- **Stereo** headsets need it if 1) you're using an HDMI cable to connect your Xbox 360 to your TV, and if 2) your TV does NOT have white and red AUDIO OUTPUT jacks.

- **Surround Sound** headsets need it if your Xbox 360 does not have a S/PDIF (TOSlink/Digital Optical Output) jack on the back.

Where can I get it?

- The Xbox 360 Audio Adapter is available on TurtleBeach.com at the following link: click here

- It is also available for purchase at GameStop stores and from B&H.

Explanation in detail:

* HDMI (**H**igh-**D**efinition **M**ultimedia **I**nterface) is an interface standard used for audio/visual equipment such as high-definition televisions and home theater systems. Any standard HDMI cable allows you to connect Xbox 360 high-definition video to your TV, and Xbox 360 digital audio to your TV speakers.

* The Xbox 360 Audio Adapter (on the other hand) is an accessory that plugs into the A/V port on the back of your Xbox 360, thereby creating left and right analog (RCA) audio outputs, as well as a digital optical (TOSlink; S/PDIF) output. These outputs can be used to connect a Turtle Beach headset directly to your Xbox 360 if these additional output jacks are needed in your home theater setup.

Depending on your home theater setup, you may already have all the connections necessary to connect your Turtle Beach headset to your TV, without any additional parts.

STEREO Headsets - ANALOG AUDIO Connection:

First check to see if your TV set has the white and red RCA audio OUTPUT jacks on it (as in the picture below), or if it has a headphones jack.

*[Note: Audio **IN** jacks will not send sound out to your headset. You need Audio **OUT** jacks.]*

The yellow RCA jack is for composite video, not for audio at all. If you don't need it, don't use it.

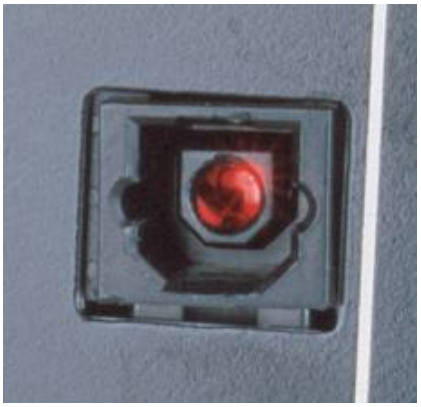
1) If your TV has RCA audio OUTPUT jacks, then you can use them to feed the analog audio signal from your TV to your analog-version (stereo) Turtle Beach headset.

2) If your TV does NOT have audio output jacks, then you will need to obtain the Xbox 360 Audio Adapter.

Surround Headsets-Digital Optical (TOSlink, S/PDIF) Connection:

If you have an Xbox 360 Slim and you want to use it with one of our **surround sound** headsets (or a DSS2), which use a digital optical (S/PDIF, TOSlink) connection, you will **not** need any additional cables or accessories to connect the headset to your console. This will be true even if you connect your Xbox 360 Slim to your TV through HDMI. The Xbox 360 Slim has the necessary digital optical output (labeled "S/PDIF") built right into its back panel.

However, if you have an older Xbox 360 model (a grey or white one, one of the COD MW2 editions, or any Xbox 360 purchased before May 2010), then there will not be a digital optical (TOSlink) output built directly into your Xbox 360, which you would need to connect to your surround sound headset's Digital Input.



Digital optical jack

First, check to see if your TV has a black digital optical audio output jack as above, often labeled "S/PDIF" or "TOSlink". If your TV has a digital optical output jack, you can plug your Turtle Beach

digital optical cable directly into this jack and everything should work just fine.

If your TV does not have a digital audio output, you will need to obtain the Xbox 360 Audio Adapter to work alongside the HDMI connection. The HDMI connection will send digital video and digital audio to your TV, while the Xbox 360 Audio Adapter will give you the optical digital audio jack you need to connect from the Xbox to your Ear Force headset.

Xbox 360 Audio Adapter **Audio connections below are (left to right):**

* TOSlink digital (square, black plastic port)
* Analog Audio Output, Right (red RCA jack)
* Analog Audio Output, Left (white RCA jack)

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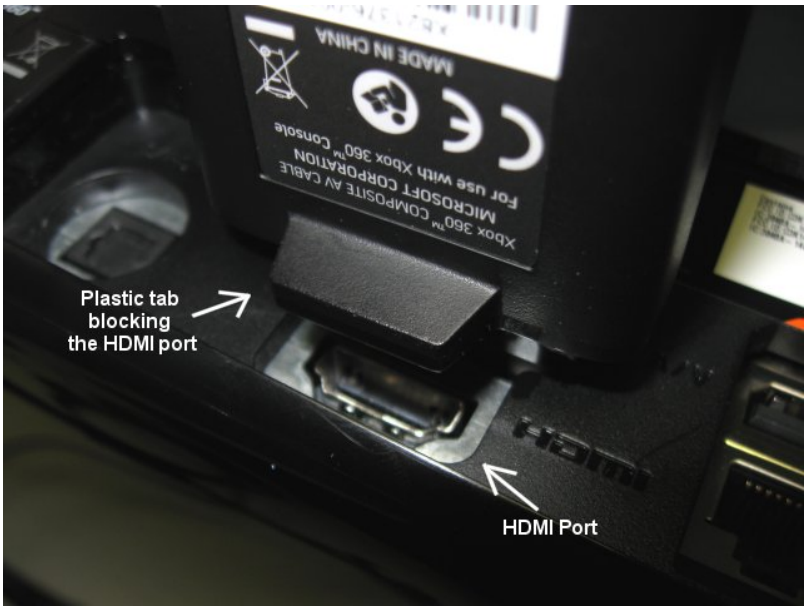
Why is the Xbox 360 Audio Adapter necessary?

The assembly of the stock Microsoft Xbox 360 A/V cable blocks the HDMI port, so that if you go out and purchase a standard HDMI cable and plug it into your Xbox 360, you will no longer be able to connect your original Xbox 360 A/V cables and use their audio connections. Now you need a special, new cable for audio connections. That is the Xbox 360 Audio Adapter.

If you use the **Xbox 360 Component HD A/V Cable**, your HDMI port will be blocked (pre-2010):

Here's the **Xbox 360 Slim Composite A/V Cable** blocking the rear panel HDMI port (2010 to present) - viewed from below:



More info:

Microsoft's Xbox Support provides good additional info in their article "**Description of the "Xbox 360 HDMI Cable**": http://support.microsoft.com/kb/937899

All files and documentation are offered on an *AS IS* basis and you assume full responsibility for using them.

Go to **Downloads** for User Guides, Manuals, Drivers and other Documentation.