



HyperX Cloud Headset



KHX-H3CL/WR

Introduction

Optimized for pro-gaming, HyperX Cloud Headset (KHX-H3CL/WR) is a high-quality communicating device that delivers superior sound, style and comfort. It uses an adjustable, soft-padded leatherette headband and features a closed-cup design for enhanced bass reproduction and minimal sound leakage. The KHX-H3CL/WR is HiFi capable and delivers a durable design for the most rugged gaming environments and is compatible with tablets and smartphones for mobile use.

What's Included:

- 1 HyperX Cloud Headset
- 1 Detachable Microphone (attached to headset in figure 1.1)
- 1 Microphone plug
- 1 spare set of velour ear cushions
- 1 control box with 100cm cable (cable has 3.5mm audio jacks)
- 1 extension cable (200cm)
- 1 headset splitter cable (10cm)
- 1 Airplane headphone adapter
- 1 Mesh bag



Figure 1.1 – Package Contents

Features:

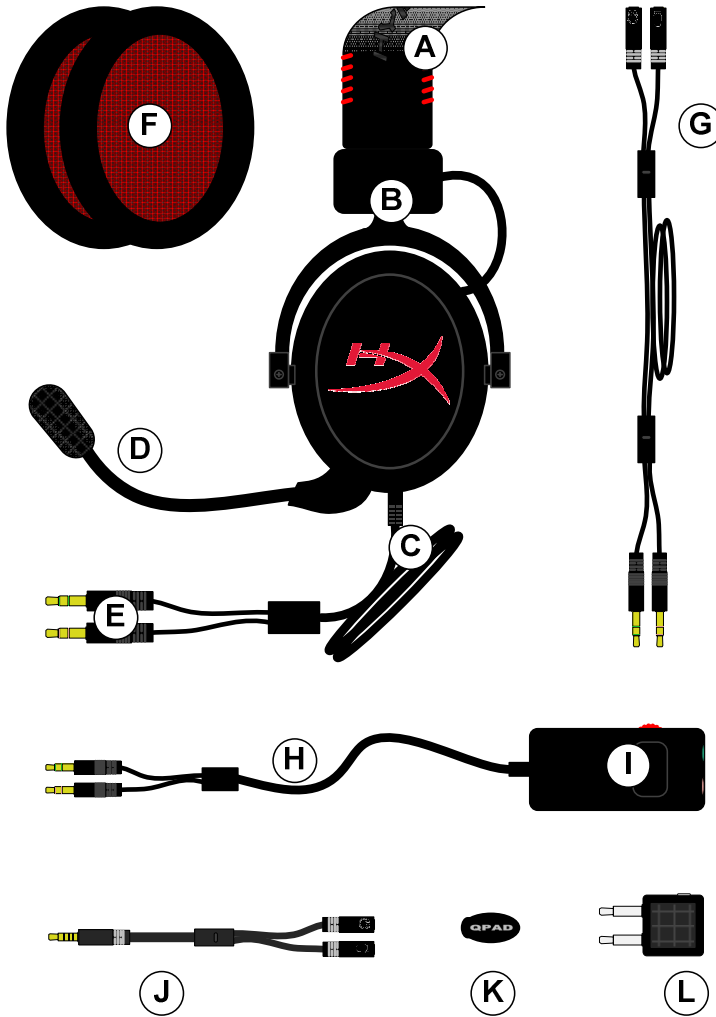
- Hi-fi capable 53mm drivers for supreme audio quality
- 15-25 KHz frequency response (earphones)
- Detachable microphone (quick and easy to plug/unplug for music-only purposes)
- Solid aluminum construction for durability and stability
- Super-soft padded leatherette headband and leatherette padding on cups
- Closed cup design for enhanced bass-reproduction and sound leakage

Technical Specifications:

- Transducer type: Dynamic 53mm
- Operating principle: Closed
- Frequency response: 15Hz-25KHz (earphones)
- Nominal impedance: 60 ohm per system
- Nominal SPL: 98+/-3dB
- T.H.D: < 2%
- Power handling capacity: 150mW
- Sound coupling to the ear: Circumaural
- Ambient noise attenuation: approx.20 dBA
- Headband pressure: 5 N
- Weight with microphone and cable: 350g
- Cable length and type: 1m + 2m extension + 10cm iPhone
- Connection: Mini stereo jack plug (3.5MM)
- Microphone Transducer type: Condenser (back electret)
- Operating principle: Pressure gradient
- Polar Pattern: Cardioid
- Power supply: AB powering
- Supply voltage: 2V
- Current consumption: Max 0.5 mA
- Nominal impedance: ≤ 2.2 k ohm +/- 30%
- Open circuit voltage at f = 1 kHz 20 mV / Pa
- Frequency response: 100 - 12,000 Hz (microphone)
- T.H.D: 2% at f = 1 kHz
- Max. SPL: 105dB SPL (THD \leq 1.0% at 1KHz)
- Microphone output: -39+/-3dB
- Dimensions: 6*5mm
- Length mic boom: 150MM(include gooseneck)
- Capsule diameter: 6mm



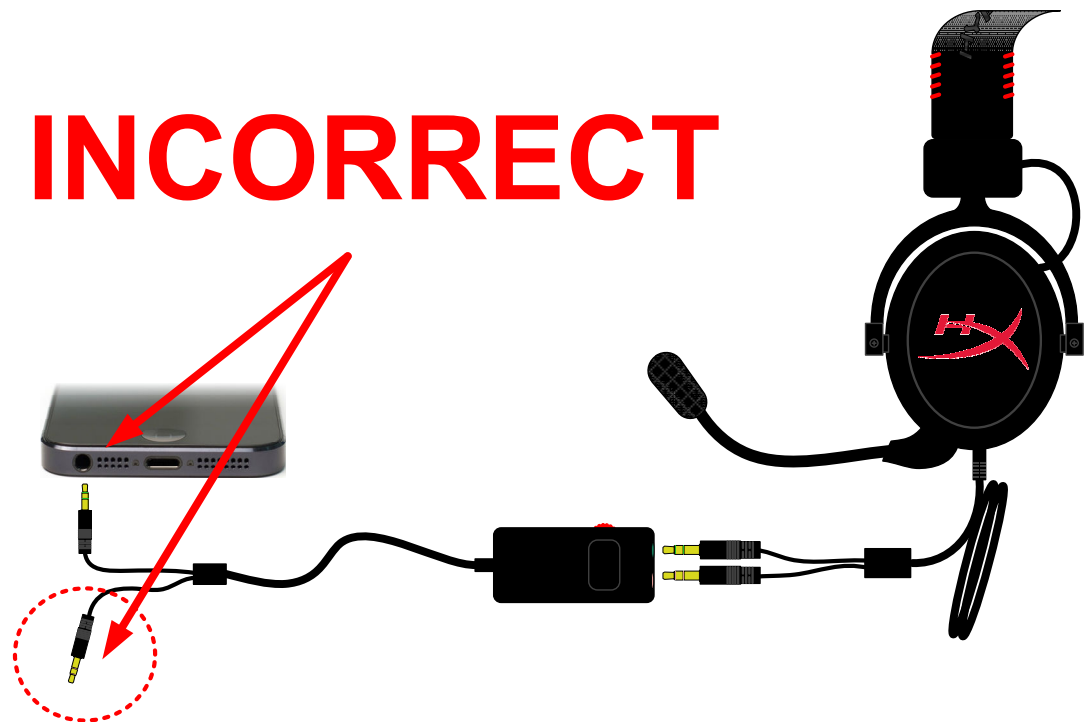
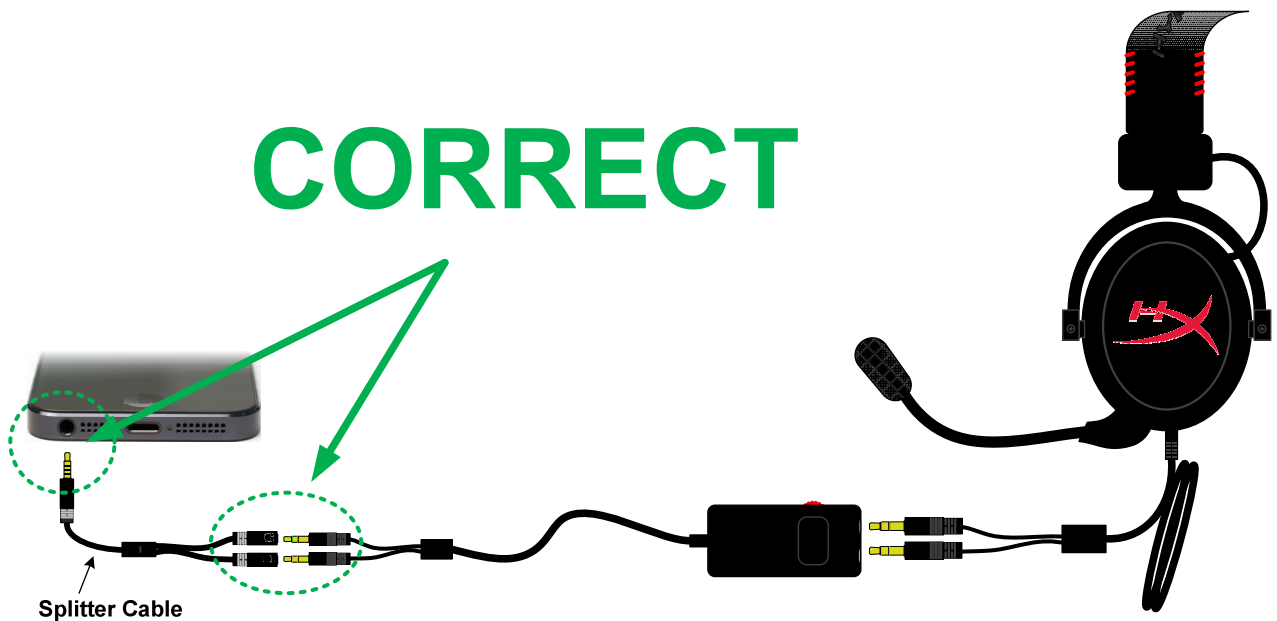
Overview



- A. Leatherette headband w/ HyperX logo
- B. Aluminum arm to adjust headband
- C. Attached cable (1 meter in length) w/ 3.5mm input jacks (letter E)
- D. Detachable microphone with adjustable arm and condenser
- E. 3.5mm audio input jacks attached to the 1 meter headset cable
- F. Extra set of ear cushions
- G. 2-meter extension cable
- H. Control box cable w/ 3.5mm audio jacks and control box (letter I)
- I. Control box w/ multi-function button and volume control. The multi-function button can be used for:
 - a. Answering or hanging up a phone call from a mobile device
 - b. Pausing a song when listening to music on a mobile device
- J. Headset splitter cable w/ 3.5mm audio jack
- K. Microphone plug (attached to headset by default) where microphone (letter D) connects to HyperX headset
- L. Airplane adapter w/ 3.5mm audio jacks and input converter jack

Usage (Correct vs Incorrect)

When connecting your HyperX Cloud headset to a device that has a single 3.5mm audio jack, you **MUST** use the splitter cable (or “Y” cable) to ensure that each jack is connected properly and securely plugged in. Do NOT ignore or leave any audio jacks unplugged as depicted below in the “INCORRECT” configuration.



Usage (Direct Connect)



Connect your headset directly to your computer (or other device) that has both a headset jack and a microphone jack. The headset jack, which has green stripes, plugs into the port signified by a green input or earphones symbol , and the microphone jack, which has pink stripes, plugs into the port signified by a pink input or a microphone symbol . (Optional: The included extension cable (letter **G** on Page 4) may also be used to add length to the existing headset cable, as seen in *Figure 1.3.*)



Figure 1.2 – Direct Connect (without extension cable)

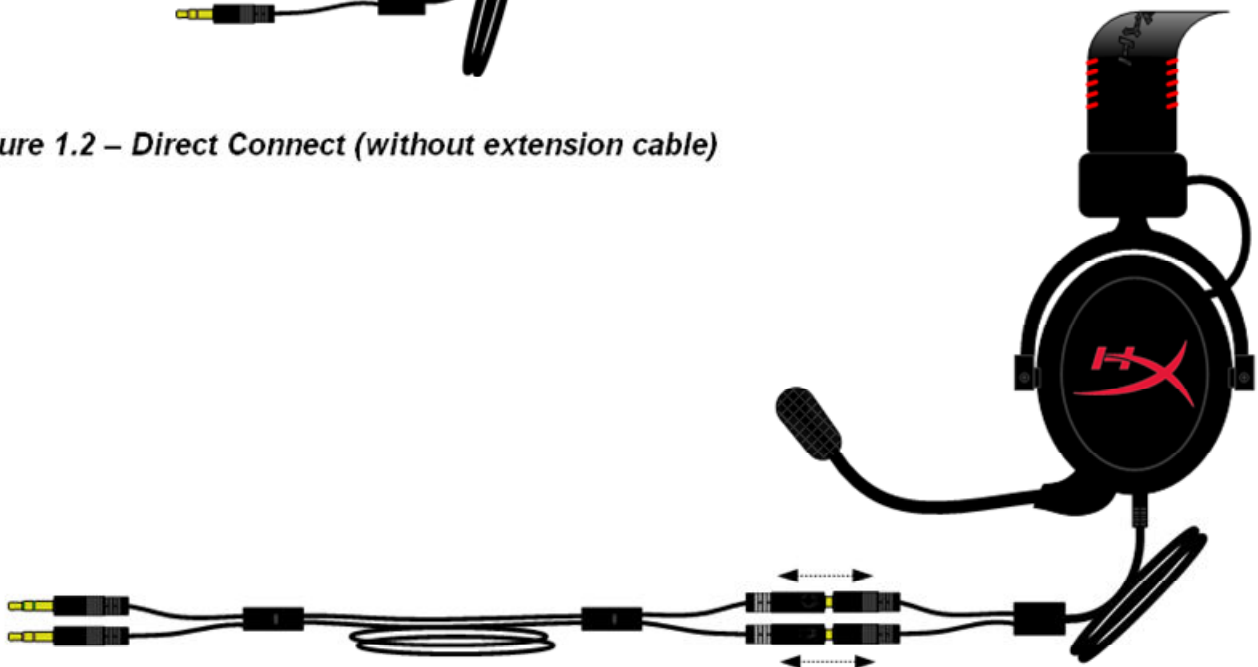


Figure 1.3 – Direct Connect (with 2-meter extension cable)

Usage (with Control Box)

Connect your headset to the control box that has both a headset jack and a microphone jack on it. The headset jack (green stripes) plugs into the green input port on the control box and the microphone jack (pink stripes) plugs into the pink input port on the control box. The control box cable then connects to your computer (or other output device w/ dual microphone and headset jacks) using the 3.5mm audio jacks on the end of the cable.

(Optional: The included extension cable (letter **G** on Page 4) may also be used to add length to the existing headset cable and control box.)



Figure 1.4 – Extension Cable (Optional)

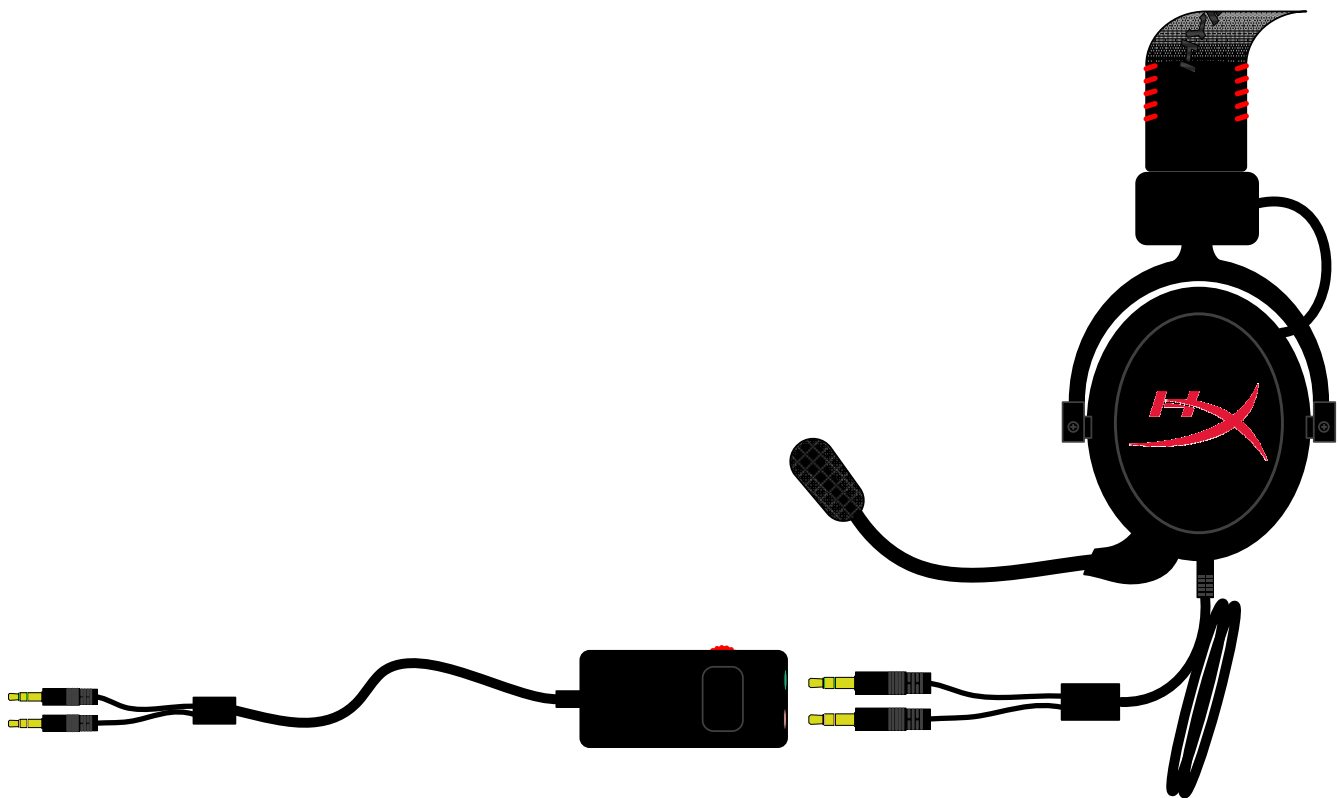



Figure 1.5 – Using Control Box

Usage (with Control Box and Headset Splitter Cable)

If you are connecting the headset to a laptop or mobile device (phone or tablet) that has a single audio jack, generally marked with an earphones or headset symbol :

Connect the control box to the headset splitter cable (letter **J** on page 4.) This will convert the separate microphone and earphones jacks into a single 3.5mm audio jack as seen in *Figure 1.8*.



Figure 1.6 – Headset Splitter Cable

(Optional: The included extension cable (letter **G** on Page 4) may also be used to add length to the existing headset cable and control box.)



Figure 1.7 – Extension Cable (Optional)

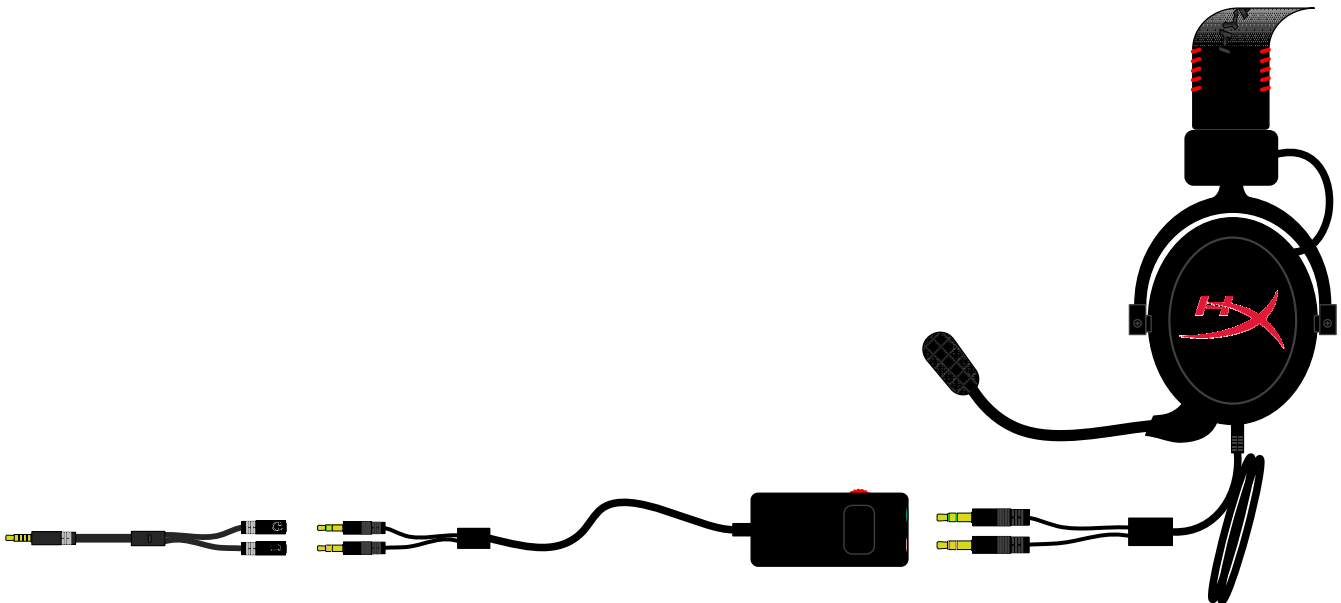


Figure 1.8 – Using Headset Splitter Cable

Usage (with Airplane Adapter)

If you are connecting the headset to an airplane jack (generally found on the armrest of a seat) as seen in *Figure 1.9*, connect the headset splitter cable to the airplane adapter (letter **L** on page 4) that came with your headset and plug the airplane adapter into the audio jack found on the armrest of your seat.



Figure 1.9 – Input Jacks on an Airplane Seat (Armrest)

(Optional: The included extension cable (letter **G** on Page 4) may also be used to add length to the existing headset cable and control box.)



Figure 1.10 – Extension Cable (Optional)

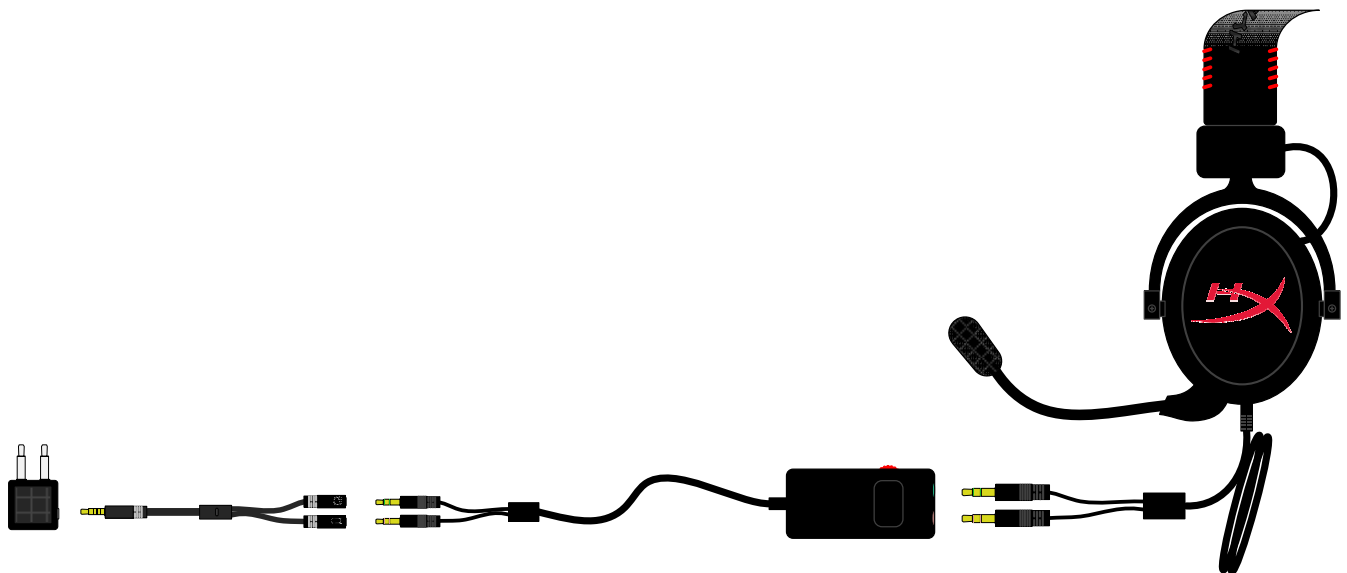


Figure 1.11 – Using Airplane Jack

Usage (PlayStation® 4)

For optimal use with PlayStation® 4 (PS4®), connect your HyperX Cloud headset to the PS4 game controller and follow these steps:

1. Turn on your PS4® game console.
2. Navigate to the Settings Menu and select it.
3. Highlight the '**Sound and Screen**' menu option and select it.
4. Scroll down to '**Audio Output Settings**' and select it.
5. Choose '**Output to Headphones**' and exit.

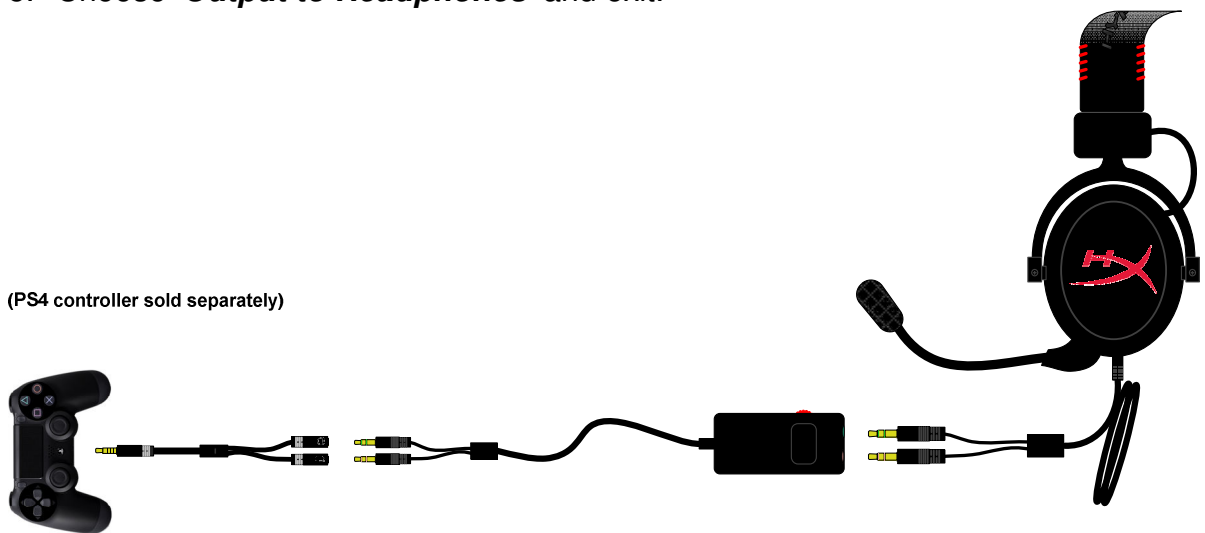


Figure 1.12a – Using with PS4®

If the PS4 user chooses to connect the headset to the PS4 game controller without using the volume control box (as seen here in Figure 1.12b), then the volume / audio level is controlled from within the game(s) being played.

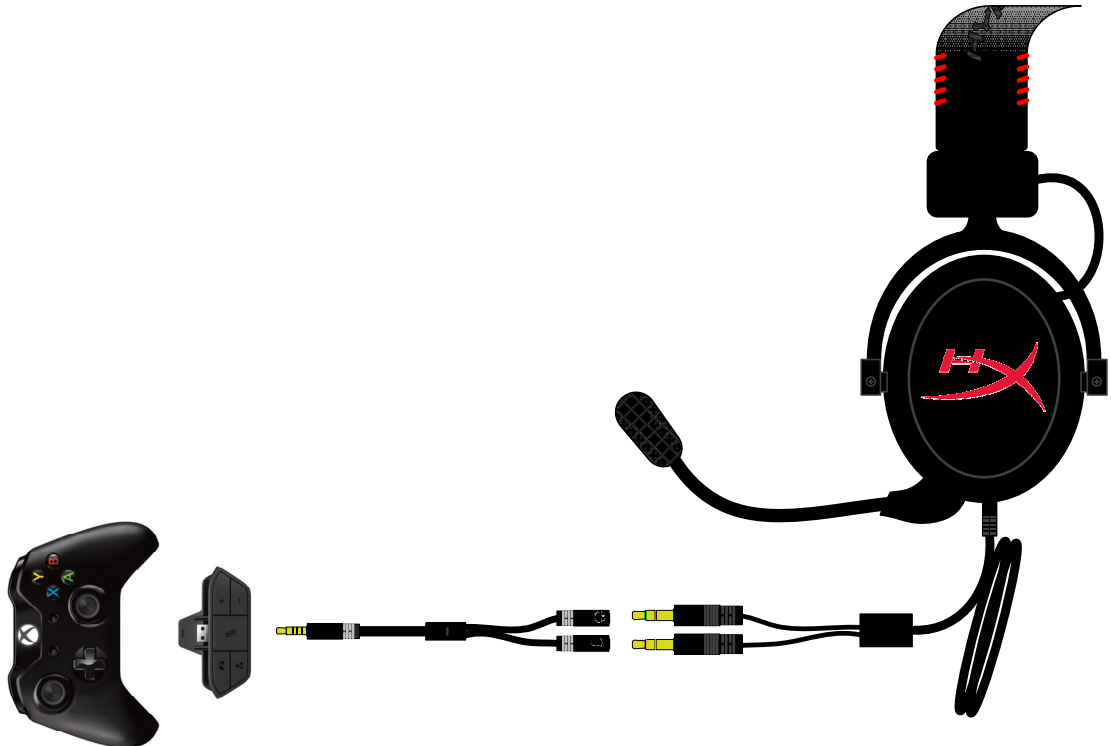


Figure 1.12b – Using with PS4®



Usage (Xbox[®] One)

To use the HyperX Cloud headset with Xbox[®] One, you will need the Xbox One adapter (sold separately) that plugs into the Xbox[®] One controller (pictured below.) Because this adapter has built-in volume controls, you can remove the control box that came with your HyperX Cloud headset and connect directly to the “Y” cable as seen below in *Figure 1.13*.



(Xbox controller and adapter sold separately)

Figure 1.13 – Using with Xbox[®] One

Usage with Mobile Device (Phone or Tablet)

To use the HyperX Cloud headset with a mobile device, simply plug the “Y” cable into the 3.5mm audio jack as seen below in *Figure 1.14*. (NOTE: Location of the audio jack may vary based on model and/or brand of mobile device you are using.) Volume of the conversation and/or music you are listening to can be adjusted using the red wheel located on the left side of the control box.

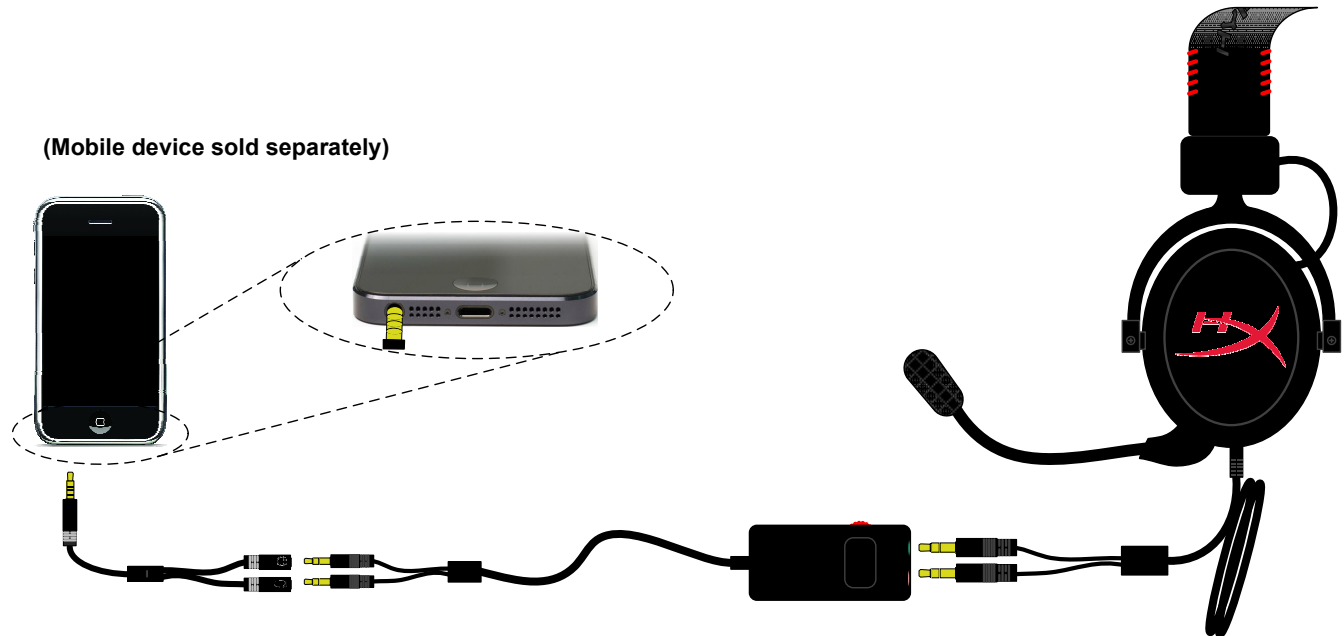


Figure 1.14 – Using with mobile device (phone or tablet)