

# Avegant Device Compatibility Chart

This document contains important information about device, content and application compatibility with the Avegant headset. It will be updated as more test cases are added and executed. If your specific device does not appear here, you may try the suggested adapter and notes for a similar device.

Devices:

The following devices have been tested to be compatible with the Avegant headset. Special notes have been made regarding the adapters and cables used, and special procedures that must be done, for example, changing settings on the playback device. This is no guarantee that all applications and devices will have 100% compatibility with Avegant headsets due to SW and FW updates on devices out of Avegant's control.

<b>Smartphones</b>		<p>General requirements: the smartphone must support wired HDMI display out (Lightning, MHL, SlimPort) with or without an adapter.</p> <p>Phones like Pixel, Pixel XL, Samsung Galaxy S6, S7, Galaxy S6 Edge, Galaxy Note 5 and Motorola Nexus 6/6P do not have HDMI out so they will not will connect directly to the headset.</p> <p>Most of these phones support Chromecast, Miracast or Samsung Allshare and can be wirelessly connected to the Avegant device with a wireless hub (see Other below).</p> <p>General notes: when watching streaming or downloaded videos, phone alerts like incoming calls or messages may not be visible on the headset</p>	
Operating System	Model	Adapter	Comments/ Notes
iOS	iPhone 7/7 Plus	<a href="#">Apple Lightning to HDMI Adapter</a>	
	iPhone 6s/6s Plus	<a href="#">Apple Lightning to HDMI Adapter</a>	
	iPhone 6/6 Plus	<a href="#">Apple Lightning to HDMI Adapter</a>	
	iPhone 5/5s	<a href="#">Apple Lightning to HDMI Adapter</a>	
	iPhone 4	Apple Digital AV adapter A1388 required	
Android	Samsung Galaxy S4	Samsung MHL to HDMI adapter	
	Huawei Honor 6 Plus PE-TL20	<a href="#">C2G MHL to HDMI adapter</a> and Monoprice female to female HDMI coupler	Adapter must be plugged into power
	Huawei Honor 6 H60-L03	<a href="#">C2G MHL to HDMI adapter</a> and Monoprice female to female HDMI coupler	Adapter must be plugged into power
	Sony Xperia Zc	<a href="#">C2G MHL to HDMI adapter</a>	Adapter must be plugged into power
	Sony Xperia Z	<a href="#">C2G MHL to HDMI adapter</a>	Adapter must be plugged into power
	HTC One M8	<a href="#">C2G MHL to HDMI adapter</a>	
	HTC One M9	<a href="#">C2G MHL to HDMI adapter</a>	
	HTC 10	<a href="#">Cable Matters USB-C to HDMI adapter</a>	
	Samsung Galaxy Note 4	Samsung MHL to HDMI adapter	
	LG G4	<a href="#">C2G Slimport to HDMI adapter</a>	
	LG G5 (RS988)	<a href="#">Cable Matters USB-C to HDMI adapter</a>	CM adapter validated 10/17/16
	Letv LE 1 Pro	<a href="#">C2G MHL to HDMI adapter</a>	
	Nexus 5	<a href="#">C2G Slimport to HDMI adapter</a>	
Windows	Microsoft Lumia 950XL	<a href="#">Cable Matters USB-C to HDMI adapter</a>	Headset works great with Continuum!

<b>Tablets</b>	<p>General requirements: the tablet must support wired HDMI display out (HDMI, Lightning) with or without an adapter.</p>
----------------	---

Operating System	Model	Adapter	Comments/ Notes
iOS	iPad Air	Apple Lightning to HDMI Adapter	
	iPod Touch	Apple Lightning to HDMI Adapter	
Android	Nvidia Shield	C2G Mini HDMI (M) to HDMI (F) adapter	
	Samsung Galaxy Tab 8	C2G MHL to HDMI adapter	
	Dragon Touch X10	C2G Mini HDMI (M) to HDMI (F) adapter	
	Amazon Fire HD6	C2G Slimport to HDMI adapter	

Computers		General requirements: the computer must support 1280 x 720 display out (VGA, HDMI, DisplayPort) with or without an adapter. Some Windows computers may require manually switching between audio playback devices (right click on speaker icon on desktop)	
Operating System	Model	Adapter	Comments/ Notes
OSX	MacBook Pro Retina	N/A	If using Win10 (Bootcamp) on a Macbook Pro with non-Intel graphics and playing video on Edge, there may be HDMI sync issues using the HDMI output. This happens on monitors as well; It is not a Glyph issue. The workaround is to use a DP to HDMI adapter connected to the Thunderbolt port.
	MacBook Air	Belkin Mini DisplayPort to HDMI adapter	
Windows 10	Razer Blade 14" with Nvidia GeForce GTX765M + Intel Graphics 4600	Works with in-carton HDMI cable	
	Microsoft Surface Pro 3	Monoprice, Amazon Basics Mini DisplayPort to HDMI adapter	
	Microsoft Surface Pro 4	Monoprice, Amazon Basics Mini DisplayPort to HDMI adapter	
	Asus T100 convertible	Rocketfish Micro HDMI to HDMI adapter	
	Lenovo Yoga 900-13 With Intel Graphics 520	Cable Matters USB-C to HDMI adapter	

Game Consoles		General requirements: the computer must support 1280 x 720 display out (VGA, HDMI, DisplayPort) with or without an adapter.	
Game System	Model	Adapter	Comments/ Notes
Sony Playstation	PS3	Avegant HDMI cable works as-is	
	PS4	Avegant HDMI cable works as-is	
Microsoft Xbox	XBox	Avegant HDMI cable works as-is	

Quadcopter		In addition to direct HDMI connection to transmitters, Glyph can be connected to tablets (equipped with HDMI output) which can receive FPV video wirelessly from the quadcopter or transmitter.		
Brand	Model(s)	Adapter	Head-tracking Controls Camera Gimbal?	Comments/ Notes
DJI	Inspire 1, Phantom 4, Phantom 3 Pro, Phantom 3 Advanced	miniHDMI male to HDMI female adapter	Yes, but Inspire 1 has greatest range of motion - left, right, up, down.	Phantom 3 Pro and Advanced transmitters require DJIP3-054 HDMI Output Module. Note: future FW updates may affect functionality such as head-tracking control with Glyph.
DJI	Inspire 2, Phantom 4 Pro, Phantom 4 Pro+	Avegant HDMI cable connects directly to HDMI video out on the controller	No	
DJI	Mavic Pro	see Comments/ Notes	No	Glyph can be connected to a smartphone/ tablet controlling Mavic Pro in WiFi mode (not RF mode with controller); See above sections for information on compatible mobile devices and any required adapters.
Parrot	Bebop 1 or Bebop 2	Avegant HDMI cable works as-is with Skycontroller, OR connected (with appropriate adapter) to a smartphone running Freeflight app.	No	Can use Parrot Skycontroller OR a smartphone with HDMI output running Freeflight app.
Yuneec	H920	Avegant HDMI cable works as-is	No	

Other				
Operating System	Model	Adapter	Comments/ Notes	
N/A	Samsung Allshare Cast Wireless Hub	Avegant HDMI cable works as-is	This device works as a wireless bridge to many Samsung smart devices, including those which do not have a wired HDMI display output.	
Android TV	Nexus Player	Avegant HDMI cable works as-is	Requires Nexus remote for screen navigation; Cycle power on Nexus player once if it has been connected to 1080 or 4K HDTV. This player supports casting from many Android smartphones running Android version 4.4.2 or higher.	
N/A	Samsung BluRay disc player	Avegant HDMI cable works as-is	Cycle power on player if it has been connected to a 1080 or 4K HDTV	
N/A	LG BluRay disc player	Avegant HDMI cable works as-is	Cycle power on player if it has been connected to a 1080 or 4K HDTV	
Chrome	Google Chromecast (latest model NC2-6A5)	Female to female HDMI adapter required	Chromecast supports many Android smartphones running Android version 4.4.2 or higher.	
Apple TV	Apple TV	Avegant HDMI cable works as-is	May need to cycle power on player if it has been connected to a 1080 or 4K HDTV. Use Apple TV remote for screen navigation and playback control. Apple TV supports casting from both Apple iOS and Android (may require special app) devices.	
Roku proprietary	Roku 3	Avegant HDMI cable works as-is	Requires Roku remote for screen navigation: Cycle power on Roku player once if it has been connected to 1080 or 4K HDTV	
Netgear Proprietary	Netgear Push2TV wireless display adapter	Avegant HDMI cable works as-is	Playback device must be Miracast certified (smartphones, tablet, PC)	
GoPro	GoPro Hero4 Silver/Black action camera	microHDMI to female HDMI adapter	Playback of 4K possible from camera. Playback control done using camera buttons, not rear touch display on Hero4 Silver.	

## Content Notes

Content	Notes and tips
---------	----------------

3D video	3D videos must be side-by-side in 720p format. You can test videos by searching “3D SBS 720” or 3D side by side 720” on YouTube.
3D games and headtracking	<p>Certain games have settings for 3D modes. If the game supports side-by-side 3D, you should be able to play that game in 3D with the headset.</p> <p>There are games on PC and Playstation 4 that support 3D. A web search for “Playstation 4 3D games” will return websites with lists.</p> <p>The Avegant device’s 3D function will work with Nvidia 3D Vision games when played on a PC with specific Nvidia GPUs. A full list of games is available at <a href="http://nvidia.com/object/3d-vision-games.html">nvidia.com/object/3d-vision-games.html</a></p> <p>Headtracking will work with certain PC games in which a mouse can be used to look right and left or up and down. Avegant has tested Overwatch, Tomb Raider and Doom.</p>