

DisplayPort 1.2a to HDMI 2.0 Active Adapter Cable (M/M) - Grip HDMI Plug, 4K @ 60 Hz, 10 ft., Black

MODEL NUMBER: **P582-010-4K6AE**



Connects an HDMI monitor, projector or HDTV to the DisplayPort 1.2 output on your Chromebook, MacBook, notebook or tablet.

Features

DisplayPort to HDMI Adapter Connects a 4K Monitor to Your Computer or Media Center

This active converter helps you transmit digital audio and 4K video from the DisplayPort 1.2 output on your desktop computer, Chromebook, MacBook, Microsoft Surface or other compatible device to a 4K HDMI-enabled television, monitor or projector. It's ideal for working in high-definition photography, videography or cinematography, as well as streaming video for digital signage in crystal-clear 4K. You can continue using your existing HDMI display without the expense of a new DisplayPort monitor.

Avoid Signal Disruptions with Extra-Secure Gripping HDMI Connectors

Having a cable come loose accidentally can cause A/V signal loss right as the running back scrambles for the end zone or your avatar is surrounded by zombies. The specially designed HDMI connector firmly grips the HDMI port on your equipment to help prevent accidental disconnection and signal disruption. With greater port retention than typical HDMI connectors, this gripping connector resists vibrations that can loosen over time. This is especially helpful for ensuring components stay attached in difficult-to-access installations.

Transmits Crystal-Clear 4K HDMI Video with True 4:4:4 Color

The P582-010-4K6AE supports Ultra HD video resolutions up to 3840 x 2160 (4K x 2K) at 60 Hz with rich, full 7.1-channel surround sound. It's compatible with HDMI 2.0 standards for carrying HDR signals, which provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks. HDCP 2.2 compliance allows you to stream iTunes and Netflix content with no complications. This cable supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Adapter Located Inside the DisplayPort Connector for Easy Installation

With the DisplayPort-to-HDMI repeater/booster built directly into the DisplayPort connector, no bulky mid-cable adapter hinders installation through furniture or in hard-to-reach areas.

Ready to Use Right from the Package, So You Can Plug and Play Immediately

The plug-and-play cable requires no software, drivers or external power. It is compatible with both Single- and Dual-Mode (DP++) DP output and is recommended for use with graphics cards that do not output DP++ signals, such as the AMD Eyefinity. It is backward compatible with 1080p displays and pre-1.2 DisplayPort sources, allowing you to use it with older equipment.

Highlights

- Delivers Ultra HD picture quality at resolutions up to 3840 x 2160 (4K x 2K) @ 60 Hz
- Supports High Dynamic Range (HDR) for richer contrast and expanded color accuracy
- Active adapter converts Single- and Dual-Mode DP++ output for viewing on display
- High-grip HDMI plugs maintain constant A/V signal without accidental disconnections
- Plug-and-play operation with no software required for easy, immediate installation

Applications

- Watch 4K video content from a DisplayPort-enabled PC, Mac or Surface on an Ultra HD television or projector
- Edit HDR production video or digital photos using a 4K monitor
- Connect a Chromebook or MacBook to a conference table's A/V box to give a video presentation on a large screen
- Upgrade the video quality of your trade show presentation or digital signage installation in a commercial or educational setting to 4K x 2K

System Requirements

- Source device with DisplayPort output



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- Display device with HDMI input

Package Includes

- P582-010-4K6AE DisplayPort to HDMI 4K Cable - M/M, 10 ft., Black

Specifications

OVERVIEW	
UPC Code	037332243171
INPUT	
Cable Length (ft.)	10
Cable Length (m)	3.05
Cable Length (in.)	120
Cable Length (cm)	305
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	N/A
PHYSICAL	
Cable Jacket Type	PVC
Cable Outer Diameter (OD)	7.3mm
Color	Black
Material of Construction	ABS, PVC
Unit Weight (kg)	0.19
Unit Weight (lbs.)	0.4142
Wire Gauge (AWG)	28 AWG
ENVIRONMENTAL	
Operating Temperature Range	32 ~ 104F (0 ~ 40C)
Storage Temperature Range	-4 ~ 140F (-20 ~ 60C)
Relative Humidity	10% ~ 90% RH, Non-Condensing
CONNECTIONS	
Side A - Connector 1	(1) DISPLAYPORT (MALE)



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Side B - Connector 1	(1) HDMI (MALE) - GRIPPING
Contact Plating	Gold
FEATURES & SPECIFICATIONS	
Max Supported Video Resolution	3840 x 2160 @ 60 Hz
Displayport Specification	1.2a
HDMI Specification	2.0
HDCP Specification	2.2
Audio Specification	7.1 Channel Surround Sound
Driver Required	No
Technology	DisplayPort; HDMI
SPECIAL FEATURES	
HDR Support	No
Fully Molded Connector Ends	No
Ohms	No
EMI/RFI Line Noise Protection	No
Integral Strain Relief	No
Impedance-Matched Twisted-Pair Construction	No
DIN Mountable	No
Integrated/Removable Cable	No
MST Support	No
Scaler Function	No
IP67 Rated	No
CERTIFICATIONS	
Certifications	Tested to RoHS, REACH, CE, FCC
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

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