

The HDMI Voltage Inserter is the ideal solution for supporting HDMI bus-powered devices such as extenders, active cables with embedded chip sets, or signal sensing switches. HDMI was not designed to support bus-powered accessories. The power supplies associated with source devices such as computers, teleconferencing codecs, media players and set-top boxes are designed, according to HDMI standards, to deliver a 55mA hot plug supply. When an accessory demands more current than the source can supply, the system may fail to operate dependably. Insufficient power may manifest as a flashing image (HDCP problem), distorted video (EDID related issues), or even a complete loss of the image (hot plug assertion failure) Maintaining the proper voltages in the HDMI System is critical to the hardware "handshake", HDCP key authentication and exchange, EDID information exchange and hot plug connection detect.



This voltage inserter isolates the power from the source device and provides a full 5 volts and up to 1000mA of clean, dedicated power to support HDMI switching, splitting and extension accessories. If an installation leverages active cables with embedded chipsets, embedded electronic-to-optical media conversion, signal-sensing auto-switching or similar devices, then this power inserter will be a critical performance element.

Instructions For Use:

- Connect the voltage inserter directly to the HDMI output port of the source device.
- Connect a HDMI cable from the HDMI output of the voltage inserter to the HDMI input of the display or other HDMI device.
- Connect the AC adapter of the voltage inserter to an available power outlet.

Features & Benefits

- Isolates power from a HDMI source device
- Fully compliant with all UltraHD and 4K performance requirements
- Stabilizes HDMI Vbus at a proper 5 Volts and increases current capacity to 1000mA

Specifications

General Info

Product Line	C2G	Color	Black
UPC Number	757120422235	Country Of Origin	China

Application Sector	Residential, Commercial	Type	Voltage Inserter
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Additional Information

Prop 65 Warning Required	Yes	Prop 65 Warning Language	Cancer and Reproductive Harm
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Technical Information

Video Resolution	4K 60Hz, 4K 30Hz, 4K, 1080p	Data Transfer Rate	18 Gbps
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Adapter Rear	HDMI Female	Adapter Front	HDMI Male
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