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HDMI (High-Definition Multimedia Interface) is the first and only industry-supported, uncompressed, all-digital audio/video interface.

HDMI provides an interface between any audio/video source, such as Blu-Ray, satellite set-top box, DVD player, or A/V receiver and an audio and/or video monitor, such as a hi-definition digital television (HDTV), or digital Projector-over a single cable...and the Ecosse HDMI **Picture- Perfect™** cables offer the purest signal transfer at prices that will astonish.

Picture Perfect™ Ultra+

Here Ecosse offers up the superb HDMI Picture Perfect™ Ultra+, 1.3 compliant, which enables HDTV's, PCs and Blu-Ray/DVD players to transmit and display content in billions of colours with unprecedented vividness and accuracy. 1080P up to 4K for the Ultra+ is, as we say in Scotland, a 'doddle'! It features a proprietary die-casting in the front shell of the deep gold-plated connector- this offers increased EMI protection.

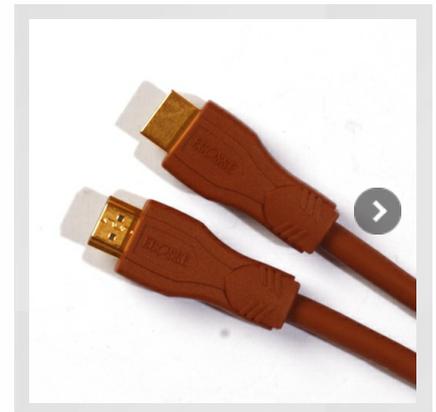
The conductors are silver plated copper, in both the 'going' and 'return' signals-for faster smoother transmission-with a low loss primary dielectric of polyethylene and a secondary dielectric of polypropylene to ensure minimal signal transmission loss. The whole is protected from extraneous 'noise' by a triple screening of OFC close-lapped copper braid + Aluminium-Mylar and covered in a tough PVC cladding. Its 1.3 specification more than doubles HDMI's bandwidth and adds support for Deep Colour technology, a broader colour space, new digital audio formats, automatic audio/video syncing capability ("lip sync").

Cables in lengths ranging from 1.5m right up to 15m are available-to take care of ALL your connection requirements-particularly those to ceiling-mounted projectors requiring extra long lengths. Indeed HDMI technology has been designed to use standard copper cable construction at long lengths.

Here's what the superb Ultra+ exhibits:

- Increases single-link bandwidth from 165MHz (4.95 gigabits per second) to 340 Mhz (10.2 Gbps)
- Supports 30-bit, 36-bit, and 48-bit (RGB or YCbCr) color depths or over one billion colors, up from 24-bit in previous versions.*
- Incorporates automatic audio syncing capability.
- Supports output of Dolby TrueHD and DTS-HD Master Audio streams for external decoding by AV receivers. TrueHD and DTS-HD are lossless audio codec formats used on HD DVDs and Blu-ray Discs.
- Lets HDTVs and other displays go from millions of colours to billions of colours*
- In addition to HDMI's current ability to support high-bandwidth uncompressed digital audio and currently-available compressed formats (such as Dolby® Digital and DTS), HDMI 1.3 adds additional support for new, lossless compressed digital audio formats Dolby® TrueHD and DTS-HD Master Audio™.

HDMI signals present a great challenge to cable manufacturers, because their extreme speed makes



Reviews & Testimonials

"The improvements are immediately apparent, dynamically it's the best cable in the group."

What HiFi Sound & Vision Magazine, UK, Best in Test

them especially sensitive to cable quality. Ecosse HDMI cables work over longer distances better than our competitors thanks to our superior conductor materials and proprietary cable construction which follow in the traditions and high-reputation we command among discerning audio and videophiles.

HDMI offers the following advantages over existing analog interfaces

Quality: HDMI transfers uncompressed digital audio and video for the highest, crispest image quality.

All-Digital: HDMI ensures an all-digital rendering of video without the losses associated with analog interfaces and their unnecessary digital-to-analog conversions.

Low-cost: HDMI provides the quality and functionality of a digital interface while also supporting uncompressed video formats in a simple, cost-effective manner.

Audio: HDMI supports multiple audio formats, from standard stereo to multi-channel surround-sound.

Ease-of-use: HDMI combines video and multi-channel audio into a single cable, eliminating the cost, complexity, and confusion of multiple cables currently used in A/V systems.

Intelligence: HDMI supports communication between the video source (such as a DVD player) and the DTV, enabling new functionality.

One caveat: our extensive evaluations have revealed however that the audio side of the signal is best handled by a separate digital cable-preferably coax- as we are convinced this STILL offers the best for surround sound reproduction where an option for digital coax exists.

Frequently asked HDMI questions

Does HDMI support DTS/Dolby audio and high-resolution audio formats? Yes. From the start, HDMI was defined to carry 8-channels, of 192kHz, 24-bit uncompressed audio. In addition, HDMI can carry any flavour of compressed audio format such as HD Dolby or DTS.

Does HDMI support SACD?

HDMI version 1.2 and above features support for One Bit Audio format, such as SuperAudio CD's DSD (Direct Stream Digital)

Who Needs Cable Spaghetti?

HDMI cable and connectors carry four differential pairs that make up the TMDS data and clock channels. These channels are used to carry video, audio and auxiliary data. In addition, HDMI carries a VESA DDC channel. The DDC is used for configuration and status exchange between a single Source and a single Sink. The optional CEC protocol provides high-level control functions between all of the various audiovisual products in a user's system.

Instead of needing multiple cables for the video signal and multiple cables for the sound signal, Ecosse Picture-Perfect™ Cable integrates all video and sound signals onto a single, thin cable. It makes it trivially easy to connect components together. Now, instead of converting digital signals to analog (to run through the cables) and then back to digital, everything on an HDMI cable remains in its original, uncompressed digital format.

HDMI is fully backward compatible with DVI. We also offer an HDMI-DVI gold plated adaptor.

[➔ Order here](#)

Technical Specifications

- ⊕ Ecosse HDMI Picture-Perfect™ Ultra+ cables feature a proprietary die-casting in the front shell of the deep gold-plated connector- this offers increased EMI protection
- ⊕ Heavy gauge, multistranded, tight braided twisted pairs deep silver plated copper conductors
- ⊕ Silver plated UHP-OFC™ closely-knit braid screen
- ⊕ Aluminium-Mylar + PVC shielding
- ⊕ Low-loss polyethylene dielectrics
- ⊕ Secondary polypropylene dielectric to minimise losses, especially at higher frequencies
- ⊕ Tough PVC outer jacket OD 8.00mm, except 15m cable which is 9mm

[➔ Order here](#)

We cannot stress enough that significant improvements are possible from matching mains cable, loudSpeaker and interconnect cable-grade-wise (see our 'at-a-glance' Cable Match Table) throughout your system, thus enhancing synergy.

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