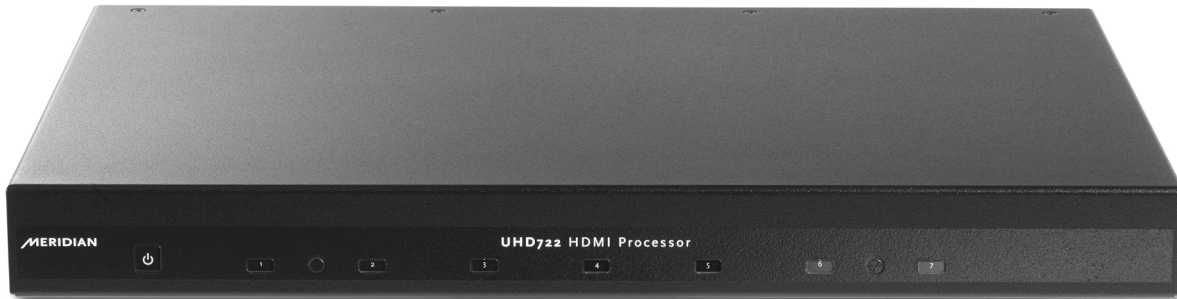


UHD722 HDMI PROCESSOR



OVERVIEW

The Meridian UHD722 HDMI Processor is the perfect link between your Meridian system and the HDMI-equipped video sources. The UHD722 supports UHD (Ultra High Definition), HD (High Definition) and SD (Standard Definition) video.

The UHD722 seamlessly integrates up to seven HDMI sources into your Meridian system. The UHD722 splits the HDMI datastream from the selected source into separate audio and video signals. The video signal can be sent to one or two display devices while the audio is sent out of the unit free from the risk of subsequent sonic degradation derived from the presence of digital video signals.

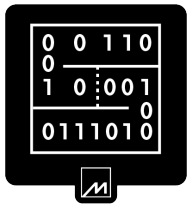
PRODUCT HIGHLIGHTS

- The UHD722 features our performance enhancement technologies, Q-Sync, True Time and True Link.
- Seven-input HDMI switch with two HDMI video outputs.
- Extracts up to eight channels of high-resolution audio from the HDMI datastream, supplying them to separate audio-only outputs.
- Multichannel Meridian High Resolution (MMHR): balanced digital audio output via RJ45/Cat 5 cable for use with Meridian Surround Controllers.
- Smartlink coaxial digital audio output for use in two-channel and legacy multichannel systems.

USER FEATURES

- Easily integrated within a Meridian audio-video system. Meridian comms commands sent via the SpeakerLink connection ensure the HDMI input automatically switches in unison with source selection on the system controller. A comms adapter is supplied to support this functionality with legacy systems.
- Keeps HDMI signals away from the audio equipment in the system, minimising the risk of subsequent sonic degradation derived from the presence of digital video signals.
- Supports LipSync, a configurable audio delay which allows you to ensure that sound is always in perfect synchronisation with the picture.
- Illuminated capacitive touch keys allow manual control, while indicating the currently active input and the power status of the unit.

TECHNOLOGIES



Q-SYNC

Meridian Q-Sync deploys Meridian's multiple "First In, First Out" buffering system which minimises jitter, ensuring perfect timing and improved clarity.



TRUE LINK

Meridian True Link is an encryption method for transferring high-definition digital audio over SPDIF connections. It allows secure movement of digital audio whilst ensuring that the SPDIF clock signal can be transmitted with minimum degradation.



TRUE TIME

True Time is Meridian's proprietary Apodising Filter that avoids pre-ringing and cleans up the effects of early filters, converting pre-echo to post-echo.

CONSTRUCTION

- The UHD722 is a cool-running, fan-less design, housed in a slimline (1U) aluminium case.
- The front panel features illuminated capacitive-touch keys for input selection and On/Standby.
- Optional rack-mount version available.

REAR PANEL LAYOUT



SUPPORTED FEATURES

FEATURE	SUPPORTED?	NOTES
“4K” and “UHD” video material	✓	These are generic terms for higher resolution video
HDMI 2.0	✓	
HDCP 2.3	✓	Supported on inputs 1, 2, 3, 4, 6, and on both outputs
UHD from both outputs simultaneously	✓	
BT.2020 (Rec.2020) colorimetry	✓	
Dolby Vision	✓	
HDR10+	✓	
ARC	✓	Audio passed to SpeakerLink output only
3D video	✓	
Dolby Digital decoding	✗	
DTS 5.1 decoding	✗	
Dolby TrueHD decoding	✗	
DTS Master Audio decoding	✗	
DSD	✗	
eARC	✗	

SPECIFICATION

HDMI INPUTS	<ul style="list-style-type: none"> Inputs 1, 2, 3, 4 & 6 support HDCP 2.3, and have been designed for best compatibility with UHD/HDMI 2.0b sources
	<ul style="list-style-type: none"> Inputs 5 & 7 are designed for best compatibility with legacy devices that use the earlier HDMI 1.4a specification
	<ul style="list-style-type: none"> All inputs are CEC compatible
HDMI OUTPUTS	<ul style="list-style-type: none"> Both outputs support HDMI 2.0b and HDCP2.3
	<ul style="list-style-type: none"> Output 1 supports ARC (with audio sent to the SpeakerLink output)
AUDIO OUTPUTS	<ul style="list-style-type: none"> 8-channel MMHR digital audio out (1 x RJ45)
	<ul style="list-style-type: none"> 8-channel coax digital audio out (4 x phono)
SPEAKERLINK OUTPUT	<ul style="list-style-type: none"> Provides comms for interoperability with other Meridian products (1 x RJ45)
	<ul style="list-style-type: none"> 2-channel audio received via ARC
OTHER CONNECTIONS	<ul style="list-style-type: none"> RS232 for serial control and maintenance (DB9 male)
	<ul style="list-style-type: none"> Mains power input (IEC C14)
DISPLAY	<ul style="list-style-type: none"> Illuminated capacitive touch key for Standby/On
	<ul style="list-style-type: none"> Illuminated capacitive touch keys for source selection
POWER	<ul style="list-style-type: none"> Internal universal power supply 100-250V AC
	<ul style="list-style-type: none"> Maximum power consumption: <10W
PRODUCT DIMENSIONS	<ul style="list-style-type: none"> HEIGHT: 41mm [1.61in] WIDTH: 420mm [16.54in]
	<ul style="list-style-type: none"> DEPTH: 285mm [11.22in]
PACKED DIMENSIONS	<ul style="list-style-type: none"> HEIGHT: 100mm [3.9in] WIDTH: 470mm [18.5in]
	<ul style="list-style-type: none"> DEPTH: 410mm [16.1in]
WEIGHT	<ul style="list-style-type: none"> UNPACKED - 2kg [4.4lbs] PACKED - 2.5kg [5.5lbs]