

WyreStorm®

Plug & play AV products & accessories
for AV professionals
and enthusiasts



Powerful. Reliable. Simple.

Converter

EXP-CON-DAC



Digital to Analog Audio Converter

Converts S/PDIF digital audio (PCM) signals from compatible device to analog stereo audio

Includes digital interpolation filter

Accepts uncompressed digital audio input signals

2-channel LPCM (LInear Pulse Code Modulation)

at 32, 44.1, 48, 96 & 192 KHz

24-bit S/PDIF incoming bitstream on left and right channels

Optical & Digital Coaxial inputs

Input Select switch

LED Power indication

Supports audio signals up to **24-bit** with sampling rates up to **192 kHz**

Low-latency Digital Filtering

Dynamic Range: 106 dB A-wt

THD+N (Total harmonic distortion plus noise) rating: -93dB

Audio and Video

Inputs

1x Coaxial In: S/PDIF Coaxial Digital

1x Optical In: TOSLINK (Digital Optical)

Outputs

1x Audio Out: RCA Male Stereo (L/R)

Output Impedance 500Ω

Output Voltage 1.8V RMS @ Max Input (0dBFS)

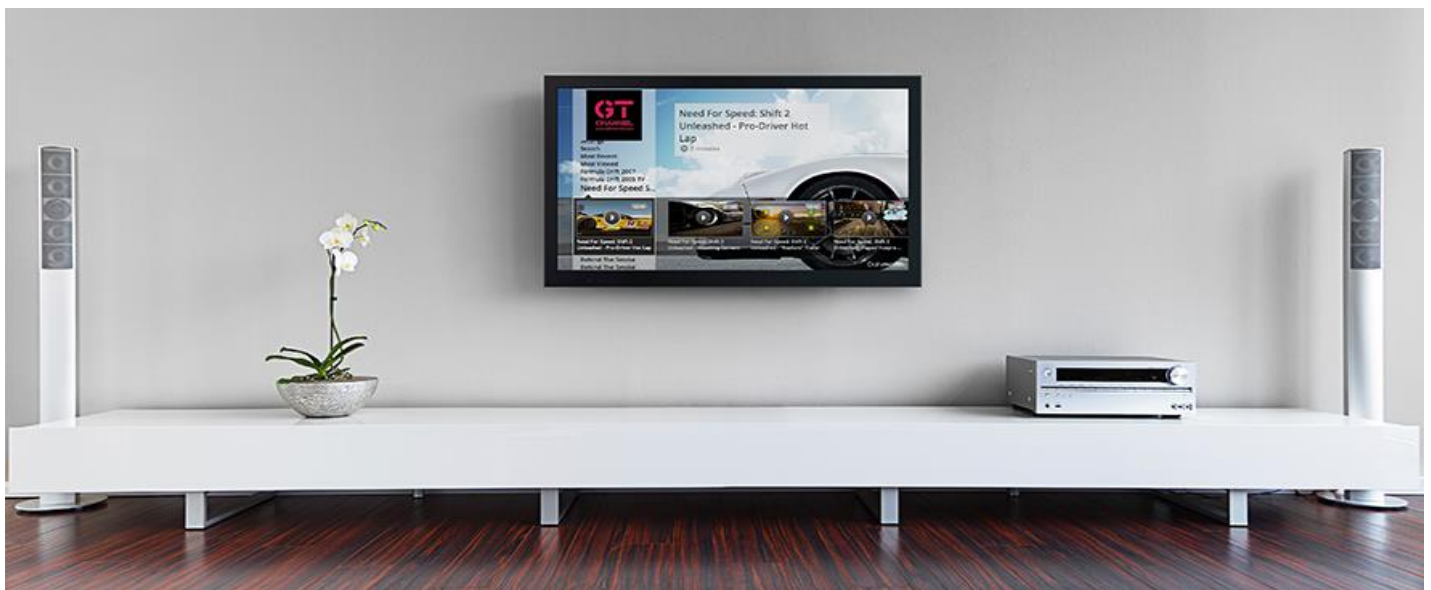
Frequency Response 20Hz~20kHz <+/-0.5dB

Signal to Noise Ratio > 90dB (20Hz~ 20kHz)

Distortion <0.001% @ 1kHz at 2V RMS



€ 88,00



ΤΥΠΟΣ	ΤΕΧΝΙΚΑ ΧΑΡΑΚΤΗΡΙΣΤΙΚΑ	ΜΗΚΟΣ	ΤΙΜΗ
Καλώδια HDMI 4K			
EXP-HDMI			
 <p>4K UHD καλώδιο HDMI v1.4, υψηλής ταχύτητας, μεγάλου bandwidth, με επίχρυσα βύσματα Τύπος βύσματος Male, συμβατό με HDCP & EDID Πλήρως συμβατό με 3D compatibility, Blu-Ray, και καλωδιακή/δορυφορική</p> 	set 1.0m	€ 19,00	
	set 2.0m	€ 28,00	
	set 3.0m	€ 36,00	
	set 5.0m	€ 48,00	
EXP-HDMI CL3			
 <p>4K UHD καλώδιο HDMI v1.4, υψηλής ταχύτητας, μεγάλου bandwidth, με επίχρυσα βύσματα Τύπος βύσματος Male, συμβατό με HDCP & EDID Πλήρως συμβατό με 3D compatibility, Blu-Ray, και καλωδιακή/δορυφορική, CL3 rated</p> 	set 10.0m	€ 65,00	
	set 15.0m	€ 85,00	
Καλώδια HDMI 4K 4:4:4 60Hz Active Fiber			
CAB-HAOC			
 <p>Καλώδιο HDMI 24Gbps 4-core Active Optical HDMI, 4K HDR 4:4:4/60, ARC, CEC, ALLM & VRR, με επένδυση Kevlar και πιστοποίηση ISF. Υψηλής ποιότητας κατασκευή αλουμινίου με low-profile 20mm/0.79" TX head Συμβατό με όλα τα HDR standards @ 60Hz: HLG (Hybrid Log Gamma), HDR-10 and HDR-10+, Dolby Vision, PQ (Perceptual Quantizer), SL-HDR-1 Ready for future HDCP 2.3 content encryption</p> 	set 10.0m	€ 180,00	
	set 15.0m	€ 245,00	
	set 20.0m	€ 325,00	
CAB-HAOC-C			
 <p>Καλώδιο HDMI 24Gbps 4-core Active Optical HDMI, 4K HDR 4:4:4/60, ARC, CEC, ALLM & VRR, με επένδυση Kevlar και πιστοποίηση ISF. Υψηλής ποιότητας κατασκευή αλουμινίου με low-profile 20mm/0.79" TX head Fixed Type-D head with detachable Type-A head on RX side for ease of installation Συμβατό με όλα τα HDR standards @ 60Hz: HLG (Hybrid Log Gamma), HDR-10 and HDR-10+, Dolby Vision, PQ (Perceptual Quantizer), SL-HDR-1 Ready for future HDCP 2.3 content encryption</p> 	set 30.0m	€ 380,00	
	set 40.0m	€ 435,00	
	set 50.0m	€ 485,00	

Extenders
EX-70-G2

4K UHD 4:2:0 HDBaseT™ HDMI extender με HDCP 2.2 & 2-way PoH and CEC Passthrough για τη μετάδοση οπτικοακουστικού περιεχομένου
 2ch PCM and multichannel audio supported up to DTS:X and Dolby Atmos™
 2-Way PoH allowing TX or RX to be remotely powered from either end for flexible installation options
 Bidirectional IR pass-through
 Bidirectional RS-232 pass-through
 Automatic EDID Management (copy from RX-TX)
 Cable termination follows IEEE-568B standards



Πομπός
 Είσοδοι: 1x HDMI type A
 Έξοδοι: 1x HDBaseT™ 8-pin RJ-45 female
 Δέκτης
 Είσοδοι: 1x HDBaseT™ 8-pin RJ-45 female
 Έξοδοι: 1x HDMI 19-pin type A
 Output Video Encoding HDBaseT™ Class B
 Encoding Data Rate 9.2Gbps
 End to End Latency Formats 10µs (micro seconds)
 Supported Standards DCI | RGB
 Maximum Pixel Clock HDMI: 300MHz | HDBaseT: 297MHz
 Communication and Control
 HDMI 2.0 | HDCP (v1 chassis 1.4 | v2 chassis 2.2) | EDID Pass-through | CEC Pass-through | DVI/D supported with adapter (not included)
 HDBaseT™ : HDMI 2.0 | HDCP (v1 chassis 1.4 | v2 chassis 2.2) | EDID Pass-through | 2-way PoH | Bidirectional IR



4K @ 35m
1080p @ 70m € 295,00

EX-35-H2

4K HDR 4:4:4 60Hz HDBaseT™ HDMI extender με HDCP 2.2 & 2-way PoH 18Gbps
 Συμβατό με τα τελευταία HDR standards συμπεριλαμβανομένων των HDR-10+, HLG content, with support for Dolby Vision™ up to 30Hz
 Supports all VESA resolutions within the HDMI 2.0 specification
 Advanced re-clocking chipset increases compatibility with new 4K UHD source devices
 Bidirectional IR and RS-232 pass-through
 2-way PoH (Power over HDBaseT) enabling either transmitter or receiver to be remotely powered by the other unit
 Supports 2ch PCM and 7.1 multichannel audio up to DTS:X and Dolby Atmos
 HDCP 2.2 compliant
 Automatic EDID Management
 Threaded bushings allow use of both standard and locking DC power plugs
 Automatically adjusts equalization and amplification of signal for easy installation



4K @ 35m
1080p @ 70m € 410,00

Extenders
EX-35-H2-ARC


2160p
4:4:4 60
ARC
4K
HDR

4K HDR 4:4:4 60Hz HDBaseT™ HDMI extender

με HDCP 2.2 & 2-way PoH 18Gbps

True ARC functionality extracts and sends 5.1 audio from a Smart TV to a compatible AVR via HDMI

Toslink input & output allows non-ARC audio to be sent from RX-TX via selection switch

Analog stereo audio breakout of source audio on transmitter

Advanced re-clocking chipset increases compatibility with new 4K UHD source devices

2-way PoH (Power over HDBaseT) enables either transmitter or receiver to be remotely powered by the other unit

Slimline 21mm chassis for easier, more convenient installation behind displays

2ch PCM audio and multichannel HD audio supports 7.1, DTS-X and Dolby Atmos™

Switchable RS-232 function mode on transmitter and receiver for firmware update Note: Serial control via RS-232 only supported when connected to a compatible HDBaseT transmission device with routable RS-232

Automatically adjusts equalization and amplification of signal for easy installation

4K @ 35m
1080p @ 70m

€ 795,00

EX-70-H2


2160p
4:4:4 60
HDCP
2.2

4K
HDR
PoH

CEC

4K HDR 4:4:4 60Hz HDBaseT™ HDMI extender

με HDCP 2.2 & 2-way PoH 18Gbps

Συμβατό με τα τελευταία HDR standards συμπεριλαμβανομένων των HDR-10+, HLG content, with support for Dolby Vision™ up to 30Hz

Supports all VESA resolutions within the HDMI 2.0 specification

Advanced re-clocking chipset increases compatibility with new 4K UHD source devices

Bidirectional IR and RS-232 pass-through

2-way PoH (Power over HDBaseT) enabling either transmitter or receiver to be remotely powered by the other unit

Supports 2ch PCM and 7.1 multichannel audio up to DTS:X and Dolby Atmos

Automatic EDID Management

Threaded bushings allow use of both standard and locking DC power plugs

Automatically adjusts equalization and amplification of signal for easy installation

4K @ 70m
1080p @ 100m

€ 620,00

Extenders
EX-70-H2X

 2160p
4:4:4 60

 4K
HDR

4K HDR 4:4:4 60Hz HDBaseT™ HDMI extender

με HDMI Loop Out and 2-way PoH

Συμβατό με τα τελευταία HDR standards συμπεριλαμβανομένων των

HDR-10+, HLG content, with support for Dolby Vision™ up to 30Hz

Supports all VESA resolutions within the HDMI 2.0 specification

Advanced re-clocking chipset increases compatibility with new 4K UHD source devices

2-way PoH (Power over HDBaseT) enables either transmitter or

receiver to be remotely powered by the other unit

EDID adjustment on transmitter (TX)

Slimline 18mm chassis for easier, more convenient installation behind displays

2ch PCM audio and multichannel HD audio supports 7.1, DTS-X

and Dolby Atmos™

HDCP 2.2 compliant

Switchable RS-232 function mode on transmitter and receiver for firmware update

Note: Serial control via RS-232 only supported when connected to a compatible HDBaseT transmission device with routable RS-232

4K @ 70m
1080p @ 100m
€ 860,00
EXF-300-H2

 4K
HDR

HDMI


4K HDR 4:4:4 60Hz OM3 Multi-Mode Fiber extender 18Gbps

με HDCP 2.2 & Bidirectional IR or RS-232

Συμβατό με τα τελευταία HDR-10 standards

Passes IR or RS-232 control signals bidirectionally

Πομπός

Είσοδοι: 1x HDMI 19-pin type A

Έξοδοι: 1x SFP+ Fiber LC Connection

Δέκτης

Είσοδοι: 1x SFP + Fiber LC Connection

Έξοδοι: 1x HDMI type A

Output Video Encoding TMDS over fiber

Encoding Data Rate 10Gbps

Audio Formats 2ch Analog/PCM | Multichannel: LPCM and Up to

Dolby TrueHD and DTS-HD Master Audio

Supported Standards DCI | RGB | HDR | HDR10 | Dolby Vision up

to 30Hz | HLG | BT.2020 | BT.2100

Maximum Pixel Clock 600mHz

Communication and Control

HDMI HDMI | HDCP 2.2 | EDID | DVI/D supported with adapter (not included)

Fiber Multimode HDMI | HDCP 2.2 | EDID

RS-232 1x 3-pin Phoenix | Bidirectional over OM3

IR 1x IR RX: 3.5mm (1/8in) TRS Stereo | 1x IR TX: 3.5mm (1/8in)

TS Mono | Bidirectional over OM3

4K @ 300m
€ 970,00

Extenders

EX-100-H2-PRO



4K HDR 4:4:4 60Hz HDBaseT™ HDMI extender

με 2.0 5-Play Extender with DSC & USB2.0 Extension

Συμβατό με τα τελευταία HDR standards συμπεριλαμβανομένων των HDR-10+, HLG content, with support for Dolby Vision™ up to 30Hz
Automatically activated DSC lossless compression handles HDMI content up to 17.8Gbps

HDMI Input and HDMI output supports bandwidths of up to 18Gbps
Compatible with DVI-I and DP++ v1.3 signals from compatible devices

Bidirectional USB 2.0 passthrough offering 480Mbps transfer and HID extension, with host and 4 device ports on both TX and RX

10/100 Ethernet port on both ends for extension of LAN to TX or RX

Bidirectional audio lane separate to HDMI signal sends and receives analog audio signals at either end

Bidirectional IR, RS-232 and CEC communication

DIP Switch selection for direction of USB control, long cable mode and firmware update

Backwards compatible with HDBaseT 1.0 transmission and receiving devices (lowest denominator takes priority)

2-way PoH (Power over HDBaseT) enables either transmitter or receiver to be remotely powered by the other unit


4K @ 100m
€ 1.298,00

Splitters

EXP-SP-0102-4K



4K UHD 1x2 HDMI Splitter

1 HDMI input to 2 simultaneous HDMI Outputs

4K compatible with UHD and DCI standards at 4:4:4 30Hz

Plug and Play connectivity – automatic EDID and HDCP device communication

Low profile 18mm/0.7 for greater installation convenience

Supports 4K resolutions up to 4096x2160@30Hz and HD resolutions up to 1080p@60Hz

Transmission distances up to 10m/33ft (4K/1080p input, 4K output), 15m/49ft (1080p output) using standard HDMI cables

Multichannel HD audio supported (mirrors source)

Full 3D support including frame packing/sequential and stereoscopic

Threaded power port for locking or standard 5v DC connection

Supports HDMI 1.4b with automatic HDCP and EDID management between devices

Automatically adjusts signal feedback, equalization and amplification for easy, reliable installation

Units cascadable to create larger systems: 1080p up to 12 times, UHD 4K up to 3 times


4K @ 10m
1080p @ 15m
€ 88,00

Splitters

EXP-SP-0104-4K



4K UHD 1x4 HDMI 4K Splitter

1 HDMI Input to 4 simultaneous HDMI Outputs
 4K compatible with UHD and DCI standards at 4:4:4 30Hz
 Plug and Play connectivity – automatic EDID and HDCP device communication
 Low profile 18mm/0.7 for greater installation convenience
 Supports 4K resolutions up to 4096x2160@30Hz and HD resolutions up to 1080p@60Hz
 Transmission distances up to 10m/33ft (4K/1080p input, 4K output), 15m/49ft (1080p output) using standard HDMI cables
 Multichannel HD audio supported (mirrors source)
 Full 3D support including frame packing/sequential and stereoscopic
 Supports HDMI 1.4b with automatic HDCP and EDID management between devices
 Automatically adjusts signal feedback, equalization and amplification for easy, reliable installation
 Units cascadable to create larger systems: 1080p up to 12 times, UHD 4K up to 3 times



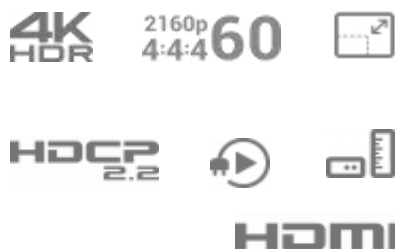
4K @ 10m	€ 155,00
1080p @ 15m	

EXP-SP-0102-H2



4K HDR 4:4:4 60Hz HDMI 1x2 Splitter with 1080p Scaling Feature

Allows a transmission from a single HDMI audio/video device to be duplicated and simultaneously distributed to up to two HDMI display devices, such as TV, AVR, digital signage panel or digital projector
 Supports 4K@60Hz 10bit 4:2:0 | 4:4:4 and HDR@24Hz 10bit BT.2020
 Fully HDCP 2.2 compliant
 Data rates up to 18Gbps
 HDR and Dolby Vision support
 Each HDMI output supports scaling down to 1080p
 Automatic input cable equalization for signal regeneration
 DTS-X and Dolby Atmos™ supported
 Inputs 1x HDMI In 19-pin HDMI type A
 Outputs 2x HDMI Out 19-pin HDMI type A
 Audio Formats 2ch PCM | Multichannel: LPCM and Up to DTS-X and Dolby Atmos
 Supported Standards DCI | RGB | HDR | HDR10 | Dolby Vision up to 30Hz | HLG | BT.2020
 Maximum Pixel Clock 600Mhz
 Communication and Control
 HDMI HDCP 2.2 | EDID | DVI-D supported with adapter (not included)



€ 105,00

Splitters

EXP-SP-0104-H2



4K HDR 2160p 60 4:4:4

HDCP 2.2

HDMI

4K HDR 4:4:4 60Hz HDMI 1x4 Splitter with 1080p Scaling Feature

Allows a transmission from a single HDMI audio/video device to be duplicated and simultaneously distributed to up to two HDMI display devices, such as TV, AVR, digital signage panel or digital projector

Supports 4K@60Hz 10bit 4:2:0 | 4:4:4 and HDR@24Hz 10bit BT.2020

Fully HDCP 2.2 compliant

Data rates up to 18Gbps

HDR and Dolby Vision support

Each HDMI output supports scaling down to 1080p

Automatic input cable equalization for signal regeneration

DTS-X and Dolby Atmos™ supported

Inputs 1x HDMI In 19-pin HDMI type A

Outputs 4x HDMI Out 19-pin HDMI type A

Audio Formats 2ch PCM | Multichannel: LPCM and Up to DTS-X and Dolby Atmos

Supported Standards DCI | RGB | HDR | HDR10 | Dolby Vision up to 30Hz | HLG | BT.2020

Maximum Pixel Clock 600Mhz

Communication and Control

HDMI HDCP 2.2 | EDID | DVI-D supported with adapter (not included)

€ 335,00

EXP-SW-0301



4K HDR HDMI

HDCP 2.2 2160p 60 4:4:4

3x1 4K HDR HDMI Switcher with Remote

Passive operation means power is drawn from connected devices, no external PSU required

Allows up to 3 HDMI devices, such as satellite decoder or Blu-Ray player, to be switched to one HDMI display device

Supports 4K@60Hz 10bit 4:2:0 | 4:4:4 and HDR@24Hz 10bit BT.2020

Fully HDCP 2.2 compliant

Automatically negotiates EDID signals from display for seamless communication between devices

Data rates up to 18Gbps

HDR and Dolby Vision support

DTS-X and Dolby Atmos™ supported

4K @ 10m

1080p @ 15m

€ 85,00

EXP-SW-0501



4K HDR HDMI

HDCP 2.2 2160p 60 4:4:4

5x1 4K HDR HDMI Switcher with Remote

Passive operation means power is drawn from connected devices, no external PSU required

Allows up to 5 HDMI devices, such as satellite decoder or Blu-Ray player, to be switched to one HDMI display device

Supports 4K@60Hz 10bit 4:2:0 | 4:4:4 and HDR@24Hz 10bit BT.2020

Fully HDCP 2.2 compliant

Automatically negotiates EDID signals from display for seamless communication between devices

Data rates up to 18Gbps

HDR and Dolby Vision support

DTS-X and Dolby Atmos™ supported

4K @ 10m

1080p @ 15m

€ 115,00

HDMI Splitters

SP-0102-H2




1x2 4K HDR HDMI Splitter with HDCP 2.2

and Auto EDID management

Allows a transmission from a single HDMI audio/video device to be duplicated and simultaneously distributed to up to two HDMI display devices, such as TV, AVR, digital signage panel or digital projector

Supports 4K@60Hz 8bit 4:2:0 | 4:4:4 and HDR@24Hz 10bit BT.2020

Supports UXVGA resolutions up to 1920x1200

Fully HDCP 2.2 compliant

HDMI 2.0 supported

DTS-X and Dolby Atmos™ supported

Automatically negotiates EDID signals from display on output 1 for seamless communication between devices

Each port supports both HDMI and DVI signals

Inputs 1x HDMI 19-pin type A

Outputs 2x HDMI 19-pin type A

Audio Formats 2ch PCM | Up to DTS-X and Dolby Atmos

Max. Video Resolution 1920x1080p @60Hz 12bit (15m/49.2ft) |

16bit (15m/49.2ft)

3840x2160p @30Hz 4:4:4 8bit (15m/49.2ft) | @24Hz 4:2:0 HDR 10bit (15m/49.2ft)

4096x2160p @60Hz 8bit 4:2:0 (15m/49.2ft) | @60Hz 8bit 4:4:4 (3m/9.8ft)

Color Depth 1080p: 48bit | 4K UHD: 24bit | HDR @24p: 10bit BT.2020

Maximum Pixel Clock HDMI: 600mHz

Communication and Control

HDMI | HDCP 2.2 | Configurable EDID | DVI/D supported with adapter (not included)

4K @ 15m

€ 130,00

SP-0104-H2




1x4 4K HDR HDMI Splitter with HDCP 2.2

and EDID management

Splits a single HDMI 4K/HDR or 1080p HD device to four 4K/HDR or HD display devices

Supports resolutions up to 4K@60Hz, including 3840x2160 (HDR)

and 4096x2160 (DCI) and 1920x1080p@60Hz

HDCP 2.2 supported

Color depth 24bit (4K) and 36bit (1080p) full 4K chroma

subsampling color palette 4:4:4

3D compatible (up to 1080p)

DVI support up to 1920x1200

Multichannel Dolby and DTS HD audio supported up to 7.1 (mirrors source)

Extensive EDID management for improved compatibility and communication between connected source and display devices

3-pin Phoenix connector for firmware updates

Transmission distance up to 10m/33ft (4K/1080p input, 4K output),

15m/49ft (1080p output) using standard high speed HDMI cables

Units cascadable to create larger systems

4K @ 15m

€ 185,00

