VELOX

SPYCLOPS™
SURVEILLANCE SYSTEMS

TVI

ANALOG

HELiOS™

Office
DISPLAY

Bedroom
DISPLAY

Gameroom
DISPLAY

Bathroom
DISPLAY

Livingroom

SOURCE

Kitchen
DISPLAY

NEW PRODUCT GUIDE

ethereal

MeTra®
HOME THEATER GROUP

Ve²LOX™ OPTICAL FIBER SYSTEM

A

HDR HIGH DYNAMIC RANGE

4K60 ULTRA**HD** **DEEP**COLOR

SUPPORTS **REV** **2.0** DEVICES **18**GB

3D TV **READY**

VERIFIED **18** GBPS

COLOR CODE SYSTEM

Each cable comes with 6 sets of color coded, inter-changeable nubs making cable management a snap!

4K SOURCE — VELOX RIBBON HDMI — 100 METER FIBER CABLE — VELOX RIBBON HDMI — 4K DISPLAY

USB POWERED

USB POWERED

A SUPPORTS **HDMI** **2.0a** ELECTRONICS **VELOX FIBER SYSTEM**

The new Velox Fiber System answers the long distance 18 Gbps transmission question Loud and Clear. Unlike installing with the other Fiber products that are currently available, there is no need for the integrator to worry about "whether or not" the system is going to work. In order to assure the most reliable and robust Fiber system available to the integrator, Metra Home Theater has taken a close look at all of the Fiber products out there and we have determined what it takes to not only carry the full 18 Gbps of bandwidth, but to also ensure compatibility between the source and display.

How do we accomplish this?
Built into every Velox Fiber System are the same EDID repair tools that we have been using for over 10 years in our HDM-DAD & HDM-JR HDMI products. Research has proven that many accessory devices are still being built with older DDC components which in some cases will not communicate with other devices. To correct this, we've added technology to combat any voltage shift errors that may occur over the DDC (EDID) lane by automatically shifting the required voltage levels in a smooth and seamless fashion to adapt these older systems with the more state if the art DDC electronics.

• HDMI 2.0a compliant
• HDCP 2.2 compliant
• Bandwidth: 18Gbps
• Cable Type: Active Optical Fiber Cable
• CL Listed for in-wall installations
• Connector Type: HDMI Type Male/A
• Power: 3' Micro USB Cables
• Input Impedance: 100 ohms
• Supports resolutions up to: 4K@60,
  All Color Subsampling Supported (4:4:4, 4:2:2, 4:2:0),
  Deep Color, and HDR
• Lengths: Available in 25, 30, 50, 75 and 100 meters

EHV-HDAOC25	**25M**
EHV-HDAOC30	**30M**
EHV-HDAOC50	**50M**
EHV-HDAOC75	**75M**
EHV-HDAOC100	**100M**

V(e)²LOX™

B

B VELOX PASSIVE PREMIUM HDMI® CABLE

A newly designed HDMI transmission cable with advanced features in metallurgy, topology, dielectric, and shielding. This new microwave RF design allows for up to 4dB less insertion loss over long distances by establishing a near linear response performance increase specifically for HDMI's TMDS High Speed Signaling. No speed cap from integrated electronics as compared to active cables. Offers the highest bandwidth performance of any passive cable available.

EHV-HDP6	6M	**EHV-HDP15**	15M
EHV-HDP8	8M	**EHV-HDP18**	18M
EHV-HDP10	10M	**EHV-HDP20**	20M
EHV-HDP12	12M		

C VELOX PREMIUM OPTICAL AUDIO CABLE

• 24K Gold Plated Contact Connectors
• Black Cotton, Flexible Jacket
• Colored Logo for Wire Management

EHV-T1	1M
EHV-T2	2M
EHV-T3	3M

D VELOX PREMIUM DIGITAL COAX CABLE

• 24K Gold Plated Contact Connectors
• Black Cotton, Flexible Jacket
• Compression RCA Connectors
• Colored Logo for Wire Management

EHV-D1	1M	**EHV-D3**	3M
EHV-D2	2M	**EHV-D4**	4M

E VELOX PREMIUM STEREO RCA AUDIO CABLE

• 24K Gold Plated Contact Connectors
• Black Cotton, Flexible Jacket
• Compression RCA Connectors
• Colored Logo for Wire Management

EHV-A1	1M	**EHV-A3**	3M
EHV-A2	2M	**EHV-A4**	4M

F VELOX PREMIUM SUBWOOFER AUDIO CABLE

• 24K Gold Plated Contact Connectors
• Black Cotton, Flexible Jacket
• Compression RCA Connectors
• Colored Logo for Wire Management

EHV-SUB3	3M	**EHV-SUB5**	5M
EHV-SUB4	4M		

CORRECTION TOOL + CONTROL TRIGGER + VOLTAGE STABILIZER

A

B

C

A HDM ALL-IN-ONE CORRECTION TOOL

The HDM All-in-One (HDM-AIO) is the ultimate problem-solving solution. The digital analysis component can correct audio and video timing issues found in HDMI components, including audio drop outs. Additionally, the HDM-AIO includes a voltage control trigger used to break the signal between the 5-volt and hot plug signal to create an EDID reset and provide a hot return delay of 100ms. Encompasses all the correction solutions from the HDM-JR, the HDM-VI2, the HDM-ACVS and the HDM VCT.

• Supports all HDMI 2.0a Features
• Supports all HDCP format
• Supports 18Gbps
• Controlled 5 Volt Injection
• Controlled Hot Plug Injection
• Hot Return Delay of 100ms
• TMDS Power Insertion
• EDID Capacitive Stripping
• Corrects most common audio drop-outs
• Faster input switching
• Impulse Synchronization

HDM-AIO

B VOLTAGE CONTROL TRIGGER

The HDM-VCT is a compact HDMI® device that connects to a relay or digital I/O on a control system to break the signal between the 5-volt trigger and hot plug signal to create an EDID reset. In addition, the HDM-VCT, with supplemental TMDS voltage, adds 100ms delay to the hot return to ensure that the source is prepared to accept the signal.

• Supports all HDMI 2.0a Features
• Supports all HDCP formats
• Supports 18Gbps
• Controlled 5 Volt Injection

• Controlled Hot Plug Injection
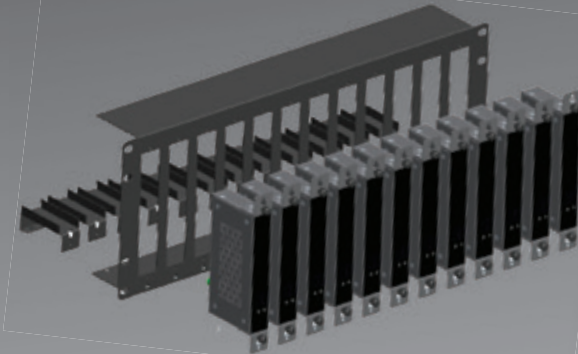• Hot Return Delay of 100ms
• TMDS Power Insertion

HDM-VCT

C ACTIVE CABLE VOLTAGE STABILIZER

The Active Cable Voltage Stabilizer supplies sufficient voltage and current to televisions to keep all sources, such as matrices and active cables, functioning. Some new displays do not provide enough power and result in a power failure once active cables are connected. The HDM-ACVS is designed to supply the correct voltage and current needed to keep sources and active cables functioning – especially at longer lengths.

• Data Throughput of 18Gbps
• Supports HDCP 2.2
• Small Size
• Mounting placement is typically at the display input.
• Works with all features of HDMI 2.0a

HDM-ACVS

D

E

F

FLEXIBLE MULTI-SOURCE/MULTI-DISPLAY VIDEO DISTRIBUTION SYSTEM

The M3B Pro Series utilizes existing coax and splitters to make video distribution much simpler and far less expensive. With easy setup and a simple source selection via any learning remote, the need to re-wire is eliminated completely. With 100 channel output selection and LED channel display, the M3B Pro Series features a channel selection change of less than three seconds. The chassis of the M3B Pro Series has been redesigned with heavy, ventilated metal chassis and detachable ears for wall or rack accessory mounting, best fit with the M3B Pro Series 12 Port Rack Mount. The M3B Pro Series 12 Port Rack Mount was designed for clean and easy installations with ample space for ventilation and it has a durable black powder coat finish and thumb screws for attaching gear.
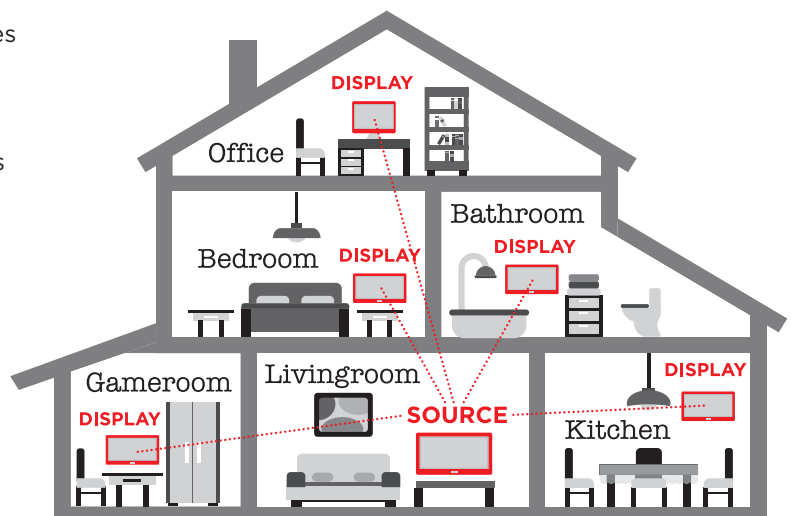
Reduced Delay to Change Sources

Rack or Wall Mount Options

Added Ventilation for Tight Areas

D **M3B PRO SERIES TRANSMITTER**
CS-HDM3BTXP

E **M3B PRO SERIES RECEIVER**
CS-HDM3BRXP

F **M3B PRO RACK**
Used for mounting M3B Pro series neatly into AV racks
CS-HDM3BRACK12

CRIMP TOOL
+ PASS THROUGH

ethereal

HELIOS®   TAILGATE TV MOUNT

A

B

C

6

A DUAL-MODULAR CRIMPING TOOL

Dual-Modular crimping tool for 8P8C/RJ45, 6P6C/RJ-12 & 6P4C/RJ-11 connectors.

• Cuts
• Strips
• Crimps

CS-CRIMPTOOL

B HDMI® AUDIO BREAKOUT

Easily obtain an analog or digital audio output connection from an existing HDMI® source.

• HDMI® pass through with de-embedded audio
• Selectable HDMI® audio on HDMI® output for native pass through, 5.1 CH or 2 CH
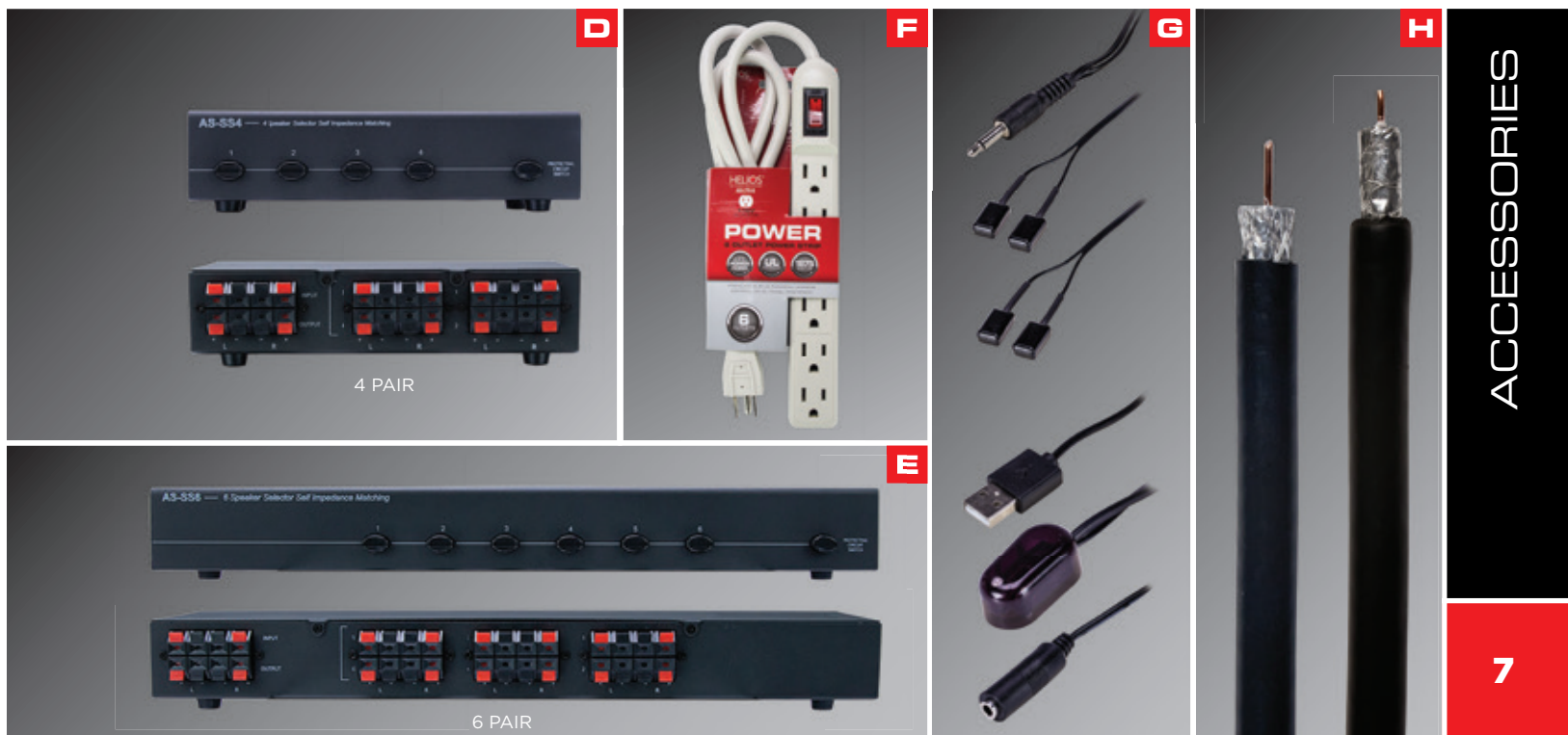• Breaks out PCM audio output for tos-link, digital coax and 3.5mm stereo analog

CS-HDMABO

C TAILGATE TV MOUNT

Durable and functional mount that's compatible with most televisions ranging from 32" to 55" and weighing up to 60 lbs. The simple plug and play mount attaches directly to a 2" trailer receiver hitch for quick and easy installation. With durable black powder coat finish, the Helios Tailgate Mount is weatherproof for rain or shine and designed with clearance to allow tailgate up or down configurations. The Helios Tailgate Mount is made VESA Complaint with 100x100, 200x200, 400x400 and 600x400 patterns and all television mounting accessories come included with the mount to create a robust tailgate entertainment solution.

Compatible with most 32 – 55" Televisions
• Supports up to 60lbs
• VESA Compliant with 100x100, 200x200, 400x400 & 600x400 patterns
• Compatible with 2" hitch receiver (requires adapter for use with 1.25")
• Can be used in tailgate down or up configurations
• Includes TV mounting hardware
• Durable black powder coat finish

TGML64

4 PAIR

6 PAIR

D E SPEAKER SELECTORS

The AS-SS4 & AS-SS6 are low profile speaker selectors that allow you to distribute a stereo speaker-level (amplified) signal to multiple listening zones. These speaker selectors feature a manually activated impedance protection circuit. The protection switch can be turned ON to prevent the impedance to your amplifier from dropping below 5 Ohms, regardless of the number and impedance ratings of your speakers. The protection switch can be turned OFF when used as part of a system incorporating impedance matching volume controls, allowing you to get the most out of your amplifier.

AS-SS4   **4 PAIR**
AS-SS6   **6 PAIR**

F 6 OUTLET POWER STRIP

4' power cable

• UL Listed

AS-LTS-6

G USB POWERED IR EXTENDER KIT

Keep your A/V devices hidden without sacrificing control

• 6' USB IR receiver with LED feedback supports 20-60kHz frequencies
• 4 compact IR emitters with 3' extension cables
• Easily powered with televisions USB port or use separate USB power

AS-IRUSB4

H BULK RG6 QUAD CABLE

RG6 Quad CCS, 3.0GHz CL2
BLACK

RG6Q-B-50   **50 FT**
RG6Q-B-100   **100 FT**
RG6Q-B-250   **250 FT**

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