AVt®

Essential audio & video components for home theater.

Multipole™ TECHNOLOGY

MIT®

Music Interface Technologies™

AVt Performance Cable Center

Audio and Video Interfaces with MIT Terminator Technology

Discover what many recordings and film studios have known for the past 20 Years-- MIT Audio Interfaces deliver the highest degree of signal integrity!

Ordinary cables, even "high-end" brands, can alter the musical signals they transport. These signal alterations can significantly reduce your systems sound quality. Only cables with MIT's patented Multipole™ Technology can reveal the full sonic potential of your audio system.

Graph A: Represents the bandwidth of an 88-key piano, highlighted in blue, as it compares to the audible range of the human ear. We will use this graph to describe how well a cable articulates across the audible bandwidth.

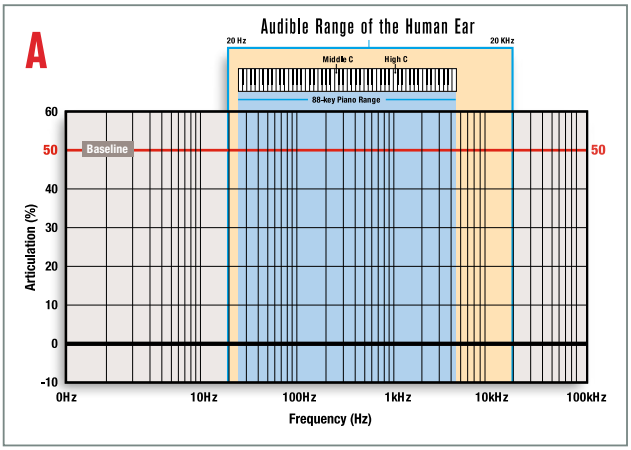
Graph B: Standard (single pole) cables have a relatively narrow region (yellow arch) where the cable is articulating ideally. Note that the blue area remaining is considered less than ideal in terms of articulation.

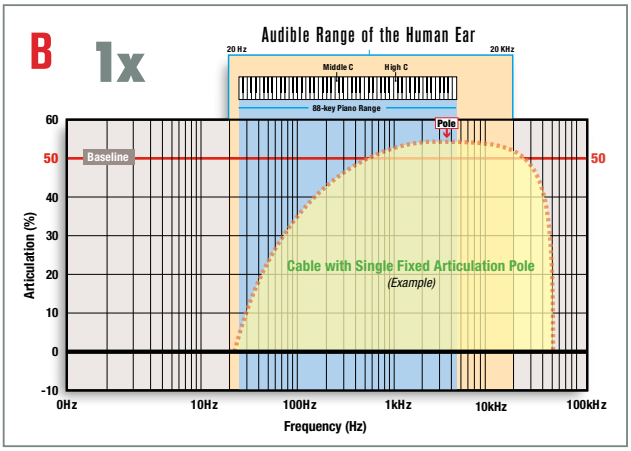
Graph C: Using MIT's Patented Multipole™ network technology, MIT engineers add additional poles / points (6 shown) of articulation to further extend the articulation bandwidth of your audio system so that you may enjoy all of the music.

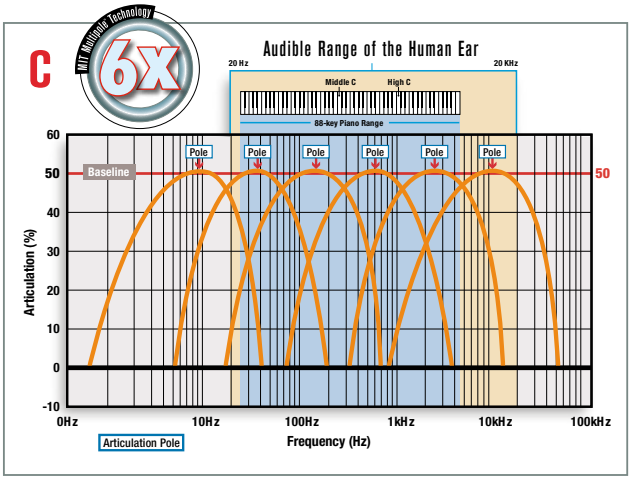
When choosing cables, look for the Multipole Technology logo with the performance rating. There, you will see how many articulation poles are in each MIT design. This simple feature will help you select the correct performance level for any system, with complete confidence and accuracy.

Multipole™ Technology.

It's like having multiple cables in one!™







Essential components for Home Theater!

The Importance of MIT Interfaces to Multi-Channel Sound Quality:

Multi-channel sound quality is really improved from MIT's high performance Interconnects and Speaker Interfaces. All three front channels in a Home Theater system must work seamlessly to correctly present the full height, width and depth of the space the action takes place in, while accurately reproducing the positions of sound sources in this "virtual stage." Now, add rear channel sound playback, (especially from digital surround systems that have discrete, full-frequency-range rear-channel sources), and the need to accurately transmit and preserve signal fidelity.

Ordinary cables, even "high end" brands, can creat e an unnatural sonic emphasis and distort signal phase relationships that shrink the size of the virtual stage. These phase errors can destroy sonic detail and focus, and incorrectly place sound sources out of the action.

MIT's exclusive interface technologies allow high-precision transmissions from component to component possible, so a surround system can correctly reproduce sound quality that enhances video images instead of detracting from them.

The Importance of MIT Interfaces to Video Picture Quality:

What's true for sound quality is true for picture quality. MIT's family of AVt Series Video Interfaces provide superior performance your customers can see.

Ordinary video interconnects are often made from poorly-shielded cable and connectors that also often have erratic or incorrect impedance in the video bandwidth. The result is loss of detail, poor color quality, ghosting or fringing, audio hum, and increased noise from interference.

MIT's patented networks, superior connectors, and ultra-quality cable deliver wide video bandwidth, improved transmission efficiency, and better shielding. These qualities provide natural colors, sharper detail, higher contrast, lower noise and greater picture "depth."

Only MIT Gives You A Systems Approach to Selecting the Best Cable.

MIT products are essential components of any high performance Home Theater or stereo system. Remember, cables are every bit as important as any other component, regardless of price. When performance and quality matter, MIT products provide the finishing touch of excellence for any Home Theater system.

Three Performance Levels

Matching cable performance to component performance should be carefully considered. MIT makes this easier by rating each category with a number to signify "good" as number three (3), "better" as number (2), and our "best" as number one (1).

To decide which MIT cable is right for you, compare the (most important) features and benefits listed on the front of each MIT package. Many times, the value of a new component is lost through poor quality cabling and inferior connectors. Since all signals must travel through the interface, it is always wise to optimize the signal transfer to prevent signal distortion, interference or loss.

The extra care you take to make this connection will result in maximized returns on every dollar you spend, on every component you own, every minute you use them. Always ask your MIT specialist if you would benefit by a cable upgrade.

HDMI Interconnects

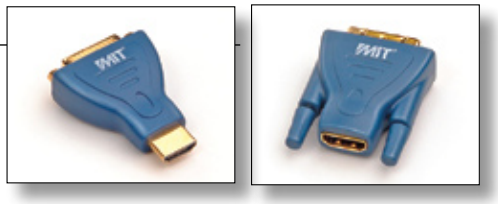
HDMI 1.3b *High Definition Multimedia Interface*

Features & Benefits:

- **Full HD & Highest Speed—***10.2 Gbps (340 MHz) to support future demands.*
- **Lossless Audio Formats—***New support for Dolby® TrueHD and DTS-HD Master Audio™.*
- **Lip Sync—***Automatic A/V syncing capability allows devices to synchronize accurately.*
- **Deepest Color—***30-bit, 36-bit and 48-bit (RGB or YCbCr) color depths. Go from millions of colors to billions of colors.*
- **Highest Resolution of 2560 X 1600—***400% greater resolution than standard HDTV.*
- **Highest Refresh Rate—***Up to 240hz for smoother motion.*

RoHS COMPLIANT

HDMI/DVI Adaptors



Features & Benefits:

Allows lossless connections between DVI and HDMI cables. High quality, gold-plated adaptors. Choose between female DVI to male HDMI or female HDMI to male DVI.

Composite Video Interconnects

Good!

AVt 3 Composite Video

Features & Benefits:

- **75-Ohm Gold plated RCA—***For lower resistance & improved impedance match.*
- **OFC stranded center conductor—***Delivers enhanced detail & clarity.*
- **Precise 75-Ohm coaxial construction—***Delivers the cleanest, sharpest picture.*
- **Dual shielding—***For improved noise rejection.*
- **Gas-injected P.E. insulation—***Improves velocity of propagation for enhanced detail.*

Better!

AVt 2 Composite Video

Features & Benefits:

- **True 75-Ohm Gold plated RCA with Teflon®—***For lower resistance & proper impedance match.*
- **Silver plated solid-core center conductor—***Minimizes signal loss—delivers better detail.*
- **Precise 75-Ohm coaxial construction—***Delivers the cleanest, sharpest picture.*
- **Dual shielding—***For improved noise rejection.*
- **Gas-injected P.E. insulation—***Improves velocity of propagation for enhanced detail.*

Best!

AVt 1 Composite Video

Features & Benefits:

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- **Silver plated solid-core center conductor—***Minimizes signal loss—delivers better detail.*
- **Precise 75-Ohm coaxial construction—***Delivers the cleanest, sharpest picture.*
- **Triple shielded—***For highest possible noise rejection.*
- **Gas-injected P.E. insulation—***Improves velocity of propagation for enhanced detail.*

Component Video Interconnects

Good!

AVt 3 Component Video

Features & Benefits:

- **75-Ohm Gold plated RCA**—*For lower resistance & improved impedance match.*
- **OFC stranded center conductor**—*Delivers enhanced detail & clarity.*
- **Precise 75-Ohm coaxial construction**—*Delivers the cleanest, sharpest picture.*
- **Dual shielding**—*For improved noise rejection.*
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- **Triple shielded**—*For highest possible noise rejection.*
- **Gas-injected P.E. insulation**—*Improves velocity of propagation for enhanced detail.*

Digital Interconnects

Good! AVt 3 Digital

Features & Benefits:

- **MIT's patented Digital Technology—***Eliminates jitter-based distortions found in all other cables, delivering natural timbre & precise imaging.*
- **Silver-clad OFC Copper center conductor—***Improved low-level detail.*
- **Gas-injected P.E. insulation—***Reduces distortions resulting from non-linear, dielectric-based, energy storage.*
- **True 75-Ohm construction—***Optimum match per industry standards.*

Better! AVt 2 Digital

Features & Benefits:

- **MIT's patented Digital Terminator Technology—***Eliminates jitter-based distortions found in all other cables, delivering natural timbre & precise imaging. New micro-componentry networks located in RCA housing eliminate need for network box!*
- **20 Gauge Silver-Clad center conductor—***Enhanced low-level detail & noise rejection.*
- **Gas-injected P.E. insulation—***Reduces distortion resulting from non-linear, dielectric-based energy storage.*
- **True 75-Ohm construction—***Optimum match per industry standards.*

Best! AVt 1 Digital

Features & Benefits:

- **MIT's patented Digital Terminator Technology—***Eliminates jitter-based distortions found in all other cables, delivering natural timbre & precise imaging. New micro-componentry networks located in RCA housing eliminate need for network box!*
- **18 Gauge Silver-Clad center conductor—***Enhanced low-level detail & noise rejection.*
- **Triple-shielded—***Ensures maximum noise rejection.*
- **Gas-injected P.E. insulation—***Reduces distortions resulting from non-linear, dielectric-based, energy storage.*

Optical Interconnects

Good! AVt 3 Optical

Features & Benefits:

- **Close tolerance brass ferrule—***For a secure and reliable fit. Helps reduce light leakage..*
- **Heavy duty jacket—***Protects against damage to fibers.*
- **Optical grade fiber—***For maximum signal transfer.*

Better! AVt 2 Optical

Features & Benefits:

- **Highly polished curved optical lenses—***Reduces reflections at connections for reduced jitter.*
- **Non-breakable fiber construction—***Minimizes distortion for maximum signal transfer.*
- **Rugged outer construction—***Protects fiber against damage.*
- **Secure fit—***Eliminates light leakage.*

Best! AVt 1 Optical

Features & Benefits:

- **Precision polished optical lenses—***Stops reflections at connection points for reduced jitter.*
- **"Ultra-clear" fiber conductors—***Reduces distortion for improved signal transfer.*
- **Rugged dual shield protection—***Prevents damage to fiber.*
- **Maximum possible performance**

Audio Interconnects

Good!

AVt 3 Interconnect

Features & Benefits:

- **MIT's Network Technology—**
  Provides 3 patented Articulation Poles for improved performance!
- **Varilay® construction with 99.9999% pure copper conductors—***Pure materials deliver lower resistance for improved performance.*
- **P.E. insulation—***Reduces non-linear dielectric-based distortions for excellent low level detail & superior sound.*
- **Dual shields—***Provide superior noise rejection for improved low level detail.*

Better!

AVt 2 Interconnect

Features & Benefits:

- **MIT's Network Technology—***Provides 4 patented Articulation Poles for improved performance!*
- **Varilay® construction with 99.9999% conductors—***Pure materials deliver lower resistance for improved performance.*
- **Teflon® insulation—***Reduces non-linear dielectric-based distortions for superior low-level detail & superior sound.*
- **Dual shields—***Provide superior noise rejection for improved low level detail.*

Best!

AVt 1 Interconnect

Features & Benefits:

- **MIT's Network Technology—***Provides 5 patented Articulation Poles for improved performance!*
- **Varilay® construction with 99.9999% hybrid conductors using copper & silver—***Pure materials deliver the lowest resistance for improved performance.*
- **Locking RCA with Teflon® dielectric—***Adjustable tightness assures best signal transfer.*
- **Dual shields—***Provide superior noise rejection for improved low level detail.*

AVt Proline Interconnect

Features & Benefits:

- **MIT's Network Technology—***Provides 8 patented Articulation Poles for improved performance!*
- **True Balanced Geometry—***Additional conductors and shield maintain proper balanced performance and improved noise rejection over single-ended designs.*
- **Varilay® Construction—***Multi-gauge construction using 6-nines copper for the purest signal transfer.*
- **Teflon® Insulation—***Reduces non-linear dielectric-based distortions for superior low-level detail and sound.*

Speaker Interfaces

Good!

AVt 3 Speaker Interface

Features & Benefits:

- **MIT's Parallel Multipole™ Network Technology**—*Provides 8 patented Articulation Poles for improved performance!*
- **Four conductor Varilay® geometry**—*Patented geometry for improved dynamic contrast.*
- **P.E. insulation**—*Reduces non-linear dielectric-based distortions for excellent low level detail & superior sound.*
- **Includes the iconn® interchangeable connection system**—*Makes speaker connections simple and easy.* * iconns included!

Better!

AVt 2 Speaker Interface

Features & Benefits:

- **MIT's Parallel Multipole™ Network Technology**—*Provides 10 patented Articulation Poles for improved performance!*
- **Four conductor Varilay® geometry**—*Parallel networks with patented geometry for improved performance over "just wire" .*
- **P.E. insulation**—*Reduces non-linear dielectric-based distortions for excellent low level detail & superior sound.*
- **Includes the iconn® interchangeable connection system**—*Makes speaker connections simple and easy.* * iconns included!

Best!

AVt 1 Speaker Interface

Features & Benefits:

- **MIT's Parallel Multipole™ Network Technology**—*Based on Oracle technology for greatly improved focus, detail and coherence, a huge soundstage and deep z-axis.*
- **Eight conductor geometry**—*For increased bass performance.*
- **P.E. insulation**—*Reduces non-linear dielectric-based distortions for excellent low level detail & superior sound.*
- **Includes the iconn® interchangeable connection system**—*Makes speaker connections simple and easy.* * iconns included!

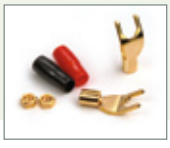
Note: *Bi-Wired versions are available in all AVt speaker products.*

iconn
Interchangeable Connector System

* **Now included with AVt speaker interfaces!**

Spades and banana iconns come with every AVt speaker interface.

No matter what your connection needs are, the solution is just a few seconds away with the versatile MIT® iconn™ connection system.



MIT® Music Interface Technologies™ More than just Cable!®
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