Media Distribution System
Voice, Video and Data

Panduit
building a smarter, unified business foundation
Connect. Manage. Automate.
A Flexible Comprehensive Solution

The nature of communication services is changing in both the residential and commercial markets as demand increases for a full range of high-speed data and sophisticated multimedia services, such as HDTV, Broadband, and VoIP phones. These demands, along with the desire to be able to rapidly change and expand services, are creating a burden on communication infrastructures within buildings. Disparate voice, video, and data cabling system installations simply cannot keep up with these changing demands.

The Panduit media distribution system meets the communication needs of multi-dwelling units (such as high-rise condominiums, hotels, and office buildings) by supporting today’s applications and tomorrow’s opportunities. Using customizable communication hubs deployed within a centralized media enclosure, the Panduit media distribution system provides easy access to all desired services and the flexibility to rapidly change these services.

- Innovative system design provides higher density in less space as compared to similar products
- Modular components provide the flexibility to mix and match triple play services, and to be modified easily as needs change
- Consolidation of all incoming communication cable into one centralized location simplifies installation and troubleshooting and improves the aesthetics of the installation

When combined with Panduit structured cabling and outlet products, the Panduit media distribution system offers a comprehensive solution that supports an entire communication infrastructure – from the building demarcation point to the end user’s network outlet.
For a complete listing of Panduit distribution frames, cable management, patch panels, etc., visit www.panduit.com
Improve Space Utilization

The Panduit media distribution system offers an efficient and scalable means to distribute voice, video, and data services within commercial and residential locations. High density solutions support a greater number of network services and applications allowing improved space utilization while implementing media components. A comprehensive set of modular components improves design flexibility and enables quick modifications and scalability for future growth from the building demarcation point to the end user’s network outlet.

Open Mounting Grid Base
One-inch grid pattern across entire enclosure base provides for vertical or horizontal placement of hubs and other components, allowing greater flexibility for installation, and maximum use of available space.

Modular Patch Panel
The media distribution modular patch panel provides a front-accessible patch panel module that accepts voice, video, data, and audio modules to provide communication to up to eight different locations.

Network Equipment Bracket
The media distribution equipment bracket secures third party equipment, such as routers or switches, to the media distribution system enclosure, providing flexibility and choice to meet individual needs.

Stackability
Stackable hubs mount on top of one another to maximize use of enclosure space and offer easy expansion for additional drops.
Phone Hub Test Ports/Security Interface

Phone hubs include test ports that enable testing of incoming phone lines from the building demarcation point, as well as connections from the enclosure to the residence. Security interface includes a built-in switch that overrides the phone service for emergency notifications, ensuring safety and security of unit or residence when needed.

Cable Management

Through the use of cable management D rings and the cable management kit, the media distribution system provides superior cable management within the enclosure to organize cables for easy access and to maximize enclosed space.

Shear forms built in to the enclosure work with the cable management kit for appropriate cable management.

Grounding and Bonding

Integrated grounding stud, along with optional grounding kit, provides means to properly ground the enclosure to the surrounding structure, protecting network equipment, and maximizing uptime.
Specifications

Media Distribution Enclosures
With an attractive modern appearance that suits any interior, the enclosure offers easy installation, flexibility for quick modifications, and scalability for future growth needs.

- Complete enclosure requires base and cover or door; basic enclosure includes base and screw down cover; advanced enclosure base can be used with framed hinged door or frameless hinged door to allow custom configuration
- 1” grid pattern in base provides mounting and flexibility for the hubs
- Includes multiple 2.5” knockouts at top and bottom for cable entry and exit
- Includes two single gang power knockouts
- Cantilever mounting slots flex to accommodate misaligned studs
- Shear forms along sidewalls help route and secure cables in place
- Includes drywall positioning slots
- Dual hinged doors allow doors to open to the left or to the right
- Hinged doors allow easy access to components; keyed locks keep components secure and prevent tampering
- Hinged door overlaps base to cover any wall imperfections; framed hinged door covers imperfections even when opened

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Part Description</th>
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<tbody>
<tr>
<td>MSB14E</td>
<td>14” x 14” media distribution basic enclosure. Includes enclosure base and screw down cover. 14.25”H x 14.25”W x 4.00”D (362.0mm x 362.00mm x 101.6mm).</td>
</tr>
<tr>
<td>MSB24E</td>
<td>14” x 24” media distribution basic enclosure. Includes enclosure base and screw down cover. 24.25”H x 14.25”W x 4.00”D (616.0mm x 362.00mm x 101.6mm).</td>
</tr>
<tr>
<td>MS14B</td>
<td>14” x 14” media distribution enclosure base. 14.25”H x 14.25”W x 4.00”D (362.0mm x 362.00mm x 101.6mm).</td>
</tr>
<tr>
<td>MS24B</td>
<td>14” x 24” media distribution enclosure base. 24.25”H x 14.25”W x 4.00”D (616.0mm x 362.00mm x 101.6mm).</td>
</tr>
<tr>
<td>MS14HD</td>
<td>14” x 14” framed hinged door with lock and key. 15.81”H x 15.75”W x .87”D (401.6mm x 400.00mm x 22.1mm).</td>
</tr>
<tr>
<td>MS24HD</td>
<td>14” x 24” framed hinged door with lock and key. 25.81”H x 15.75”W x .87”D (655.6mm x 400.00mm x 22.1mm).</td>
</tr>
<tr>
<td>MS14BHD</td>
<td>14” x 14” frameless hinged door with slam latch. Optional lock and key can replace slam latch. 15.75”H x 15.75”W x .63”D (400mm x 400mm x 15.9mm).</td>
</tr>
<tr>
<td>MS24BHD</td>
<td>14” x 24” frameless hinged door with slam latch. Optional lock and key can replace slam latch. 15.75”H x 25.75”W x .63”D (400mm x 654mm x 15.9mm).</td>
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Base and door for advanced enclosures sold separately. All product color is White.

Media Distribution Voice (Phone) Hubs
Voice hubs split up to four incoming phone lines to provide basic phone, fax, and modem services for up to eight locations (per line) in a facility – expandable up to another eight phone connections with an expansion hub.

- Offer phone override services to transmit safety alarms in the event of an emergency for added home security and protection through built-in security interface
- Offer built-in cable mounts to help organize and route cable
- Stackability feature saves space and increases the density of an installation
- Test ports show verification of service installation
- Snap directly onto grid patterns within enclosures to simplify installations and allow easy moves, adds, and changes

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<tr>
<td>MS8PD</td>
<td>Phone distribution hub with test ports and a security interface.</td>
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<tr>
<td>MS8PE</td>
<td>Phone expansion hub.</td>
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Media Distribution Patch Panels
The patch panel provides a front accessible patch panel module for use with interchangeable modules within an enclosure, offering the ability to add or replace modules as needed.

- Accept modules for Category 6, Category 5e, fiber optic and audio/video applications
- Snap directly onto grid patterns within enclosures to simplify installations and allow easy moves, adds and changes

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<tr>
<td>MS8PP</td>
<td>8-port modular patch panel for Mini-Com® connectivity.</td>
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<tr>
<td>NKM8PP</td>
<td>8-port modular patch panel for NetKey® connectivity.</td>
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Media Distribution Video Splitters

Video splitters distribute incoming video/coax lines to deliver high-quality signals throughout a building for optimum performance and capacity for future growth.

- Pre-mounted onto metal bracket for quick installation
- Include bonding screws for proper grounding
- Snap directly onto grid patterns within enclosures to simplify installations and allow easy moves, adds, and changes

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<td>MS4S1G</td>
<td>Media distribution 1 x 4 passive video splitter with 1 GHz performance to distribute high-quality RF signals to up to four outputs.</td>
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<tr>
<td>MS8S1G</td>
<td>Media distribution 1 x 8 passive video splitter with 1 GHz performance to distribute high-quality RF signals to up to eight outputs.</td>
</tr>
<tr>
<td>MS4S2G</td>
<td>Media distribution 1 x 4 passive video splitter with 2 GHz performance to distribute high-quality RF signals to up to four outputs.</td>
</tr>
<tr>
<td>MS8S2G</td>
<td>Media distribution 1 x 8 passive video splitter with 2 GHz performance to distribute high-quality RF signals to up to eight outputs.</td>
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Media Distribution Data Hub

Data hub delivers Category 5e data connectivity. Designed with front-side 110 punchdowns, the data hub allows for fast and effective terminations, and easy access to connections within the enclosure.

- Angled design enables proper bend radius control
- Allows for fast and effective terminations
- Offers built-in cable mounts to help organize and route cable
- Stackability feature saves space and increases the density of an installation
- Snaps directly onto grid patterns within enclosures to simplify installations and allow easy moves, adds, and changes

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<tr>
<td>MS5E6PP</td>
<td>Media distribution data hub for up to six different locations.</td>
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Media Distribution Accessories

Accessories complement the enclosure installation with products that provide proper mounting, installation of third-party modules, and much more.

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<tr>
<td>MSEBRKT</td>
<td>Media distribution equipment bracket that allows a variety of third-party equipment to be securely mounted within an enclosure.</td>
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<tr>
<td>MSCM-KIT</td>
<td>Media distribution cable management kit that includes the necessary components to help manage cables.</td>
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<tr>
<td>MSGRD-KIT</td>
<td>Media distribution grounding kit that includes necessary components to help ground media distribution.</td>
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<tr>
<td>MSCLK</td>
<td>Lock for frameless hinged door.</td>
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<tr>
<td>MSCMR</td>
<td>Cable management D ring.</td>
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Real-World Solutions to Ensure the Success of Our Customers

With a proven reputation for excellence and technology innovation, a robust ecosystem of global partners, and long-term alliances with top industry leaders, Panduit is a valuable, trusted partner offering strategic vision and real-world solutions to ensure the success of our customers.

Innovative Technology Leadership
Panduit is an industry leader in developing innovative technology solutions that meet the rapidly evolving needs of our customers around the world. Our commitment to continued leadership is supported by significant ongoing investment, dedicated manufacturing facilities, strategic technology alliances, and collaborative R&D with other industry leaders.

Global Business & Commitment
Panduit’s ongoing commitment to excellence and our technology alliances with key industry leaders such as Cisco Systems, EMC, Emerson, and IBM enables our highly skilled and knowledgeable global sales, systems engineering, and technical support teams to engage with critical customer challenges that range from initial problem determination all the way to resolution. Local specialists, trained to global standards and competencies, provide consistent regional support that brings value to local business. Our global value chain, which combines manufacturing, distribution, and service, provides prompt responses to customer-related issues, and streamlines procurement and delivery to any global destination.

Best-In-Class Partner Ecosystem
Panduit employs a consultative approach to identify customer needs and engage appropriate partners in a collaborative fashion to serve our customers. Panduit’s robust ecosystem of architects, consultants, engineers, designers, systems integrators, contractors, and distributors offer a full portfolio of lifecycle services. Our partners are trained on relevant services to Plan & Design, Build & Deploy, and Maintain & Operate to deliver predictable and measurable results.

Worldwide Alliances
Panduit has established long-term strategic alliances with top global industry leaders such as Cisco Systems, EMC, IBM, and Rockwell Automation to develop and integrate innovative, holistic solutions for our customers. We continually invest in relationships and resources for solving our customers’ greatest business challenges.

Eco-Sustainability & Global Citizenship
With a long-standing commitment to environmental excellence, Panduit continually develops and implements solutions designed to protect, replenish, and restore the world in which we live and operate. This commitment is demonstrated by Panduit’s LEED Gold certified new world headquarters and future sustainable building plans using its own revolutionary Unified Physical Infrastructure™ approach to enable convergence of critical systems for driving energy efficiency.