

A decorative graphic consisting of numerous thin, parallel red lines that curve and flow across the middle of the page, creating a sense of movement and depth.

b.
extraordinary

WINTER 2024 POCKET GUIDE

An Introduction to the Latest
Innovations from Biamp

biamp.

MAX CONNECT



MAX Connect is an easy-to-use, yet powerful, content-sharing and collaboration solution that turns any space into a bring-your-own-meeting (BYOM) room. Now participants can use their own devices to share and interact with content, control room AV equipment, and join UC meetings using their app of choice — including Microsoft Teams and Zoom. With MAX Connect, users have unprecedented control over their collaboration experience, leading to more productive meetings and enhanced engagement, ideation, and decision making.

- Up to six pieces of content can be shared simultaneously: the digital whiteboard and content from as many as five presenters
- Built-in tools allow users to annotate shared content and the virtual whiteboard
- Shared content is rebroadcasted to the participants' devices, letting them select, view, and annotate content on their own devices
- Participants can connect and control room peripherals wirelessly, letting them make UC calls from the device using their favorite platform

- During a UC call, participants can replace the room camera view with their device camera view to frame objects, a physical whiteboard, or themselves
- Collaboration sessions can be managed through the included handheld remote control, the optional Touch 8 MAX control panel, or a touch-enabled room display

FEATURE HIGHLIGHTS:

- Users can connect through a browser, through native webcasting protocols, or with an HDMI cable
- Up to five participants can share content simultaneously (the whiteboard makes six)
- Every participant can interact with the shared content on their own personal device—making it easy to zoom-in or focus on specific points of interest
- The room's camera stream can be replaced by participants' own cameras to frame themselves, a wall-mounted whiteboard, or other objects
- Meeting room display peripherals can be controlled through the included handheld remote or with the optional Biamp Touch 8 MAX touch panel

MAX CONNECT BYOM ROOM COMPONENTS:

- The MAX Connect wireless conferencing system with included remote control
- Optional Touch 8 MAX for peripheral control and session moderation



EVOKO ROOM MANAGERS



The Evoko Liso and Naso are room management solutions that streamline the process of booking meeting spaces. Their overall simplicity saves valuable time and reduces scheduling conflicts, leading to more productive workdays.

KEY FEATURES:

- Liso: self-hosted
- Naso: cloud-connected integration with Microsoft Office 365
- Easily check room availability, reserve spaces, and extend or end meetings
- Green illumination indicates a room is available, red when in use, and orange when between bookings
- Sleek, 8-inch touchscreen



EVOKO KLEEO DESK MANAGER



The Evoko Kleeo is the perfect desk booking device for any office using flexible, shared workstations.

KEY FEATURES:

- Easily installed atop or on the edge of any desk
- Green illumination indicates a room is available, red when in use, and orange when between bookings
- Compatible with RFID cards or tags for effortless user authentication

EVOKO WORKPLACE APP

The Evoko Workplace app makes it easy to find and book a room or desk anytime, anywhere, using the intuitive app. Create interactive floorplans that match any office environment for easy one-touch access to room and desk booking options. This cloud-based software is the perfect companion to Naso and Kleeo.

KEY FEATURES:

- App based workspace booking
- Remote check-in
- Interactive floorplans
- Book and check-in with QR codes

EASYCONNECT MPX 200

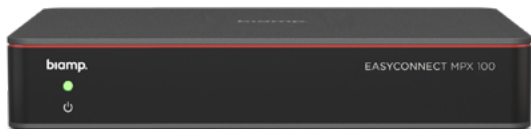


The EasyConnect MPX 200 is an innovative screen sharing hub with integrated charging, and cable management that also enables control of connected meeting room equipment. Simply connect the USB-C cable to a laptop, tablet, or smartphone and, with a simple press of a button, start sharing content and take control of a room's AV peripherals.

KEY FEATURES:

- Easily share content and take control of room equipment such as camera, loudspeakers and microphones.
- Vivid and helpful colors let connected participants switch who is sharing their screen and who has control of the connected in-room peripherals.
- Connect to any of the most popular UC platforms like Microsoft Teams, Zoom, and Google Meet.

EASYCONNECT MPX 100



EasyConnect MPX 100 is an easy to use media switcher designed for conference rooms equipped with a dedicated UC room system, such as a Microsoft Teams Room or Zoom Room, but from which a user occasionally needs to use an alternate UC platform.

When a user needs to use an alternate UC platform, a laptop connects to the second MPX 100 input and it will automatically switch away from the primary UC host system and connect the user device to the room AV peripherals. Launch the alternate UC meeting from the laptop and conduct the meeting as normal. As soon as the user disconnects, the room peripherals return to the dedicated UC room host.

KEY FEATURES:

- Easily adds BYOM calls to UC rooms
- USB and HDMI connectivity with no drivers required
- Mounts behind the display and includes cables that run to the table
- SageVue compatible
- Provides passthrough to other Biamp AV solutions
- Allows firmware updates on connected Biamp devices
- Extra USB ports for cameras, microphones, or touchscreens
- HDMI 2.0 for displays up to 4K resolution

VOLTERA A AMPLIFIERS

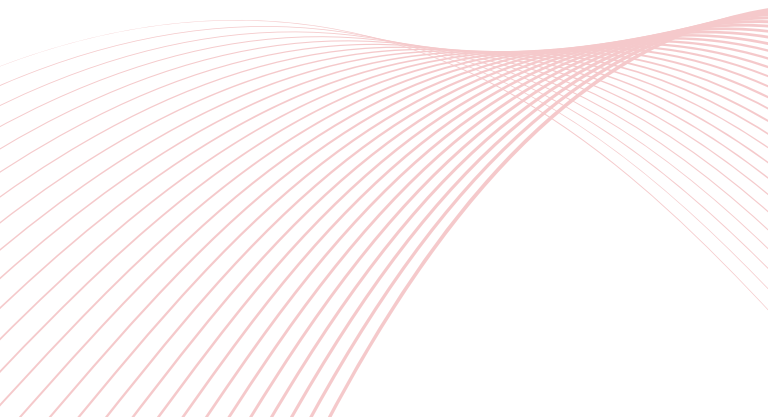


The Voltera™ A family of amplifiers offers four models designed for plug-and-play power and flexibility with no software configuration. They provide performance in a wide range of venues. Perfectly suited for retail, hospitality and dining establishments, education and corporate environments, and small houses of worship, Voltera A amplifiers are compact, reliable, very flexible, and designed to meet ENERGY STAR requirements. Plus, Voltera amplifiers integrate with Tesira software for easy pairing with Biamp loudspeakers and matching power requirements.

FOUR MODELS AVAILABLE:

- A 300.2: Two-channel, 300-watt analog amplifier delivering 150 watts per channel
- A 300.4: Four-channel, 300-watt analog amplifier delivering 75 watts per channel
- A 600.2: Two-channel, 600-watt analog amplifier delivering 300 watts per channel
- A 600.4: Four-channel, 600-watt analog amplifier delivering 150 watts per channel

KEY FEATURES:

- Compact design (8.5"/216 mm width) enables installation flexibility: mount under a table, in a credenza, on a wall, above a suspended ceiling, or in a standard equipment rack
 - Tamper-proof front panel and intuitive switch settings on the rear panel
 - Supports power sharing up to twice the power per channel
 - Any channel can drive Hi-Z or Lo-Z loudspeakers
 - Each channel can drive up to twice its rated power
 - Low heat emission and very low energy consumption
 - Included mounting accessories:
 - Single mount - 19" accessory for mounting 1 amplifier
 - Tandem mount - 19" accessory for mounting 2 amplifiers in a standard rack
 - Surface mount - For mounting vertically on a wall, upside down under a table, or above a ceiling
 - Feet for credenza or shelf placement
- 

VOLTERA D SERIES AMPLIFIED LOUDSPEAKER CONTROLLERS



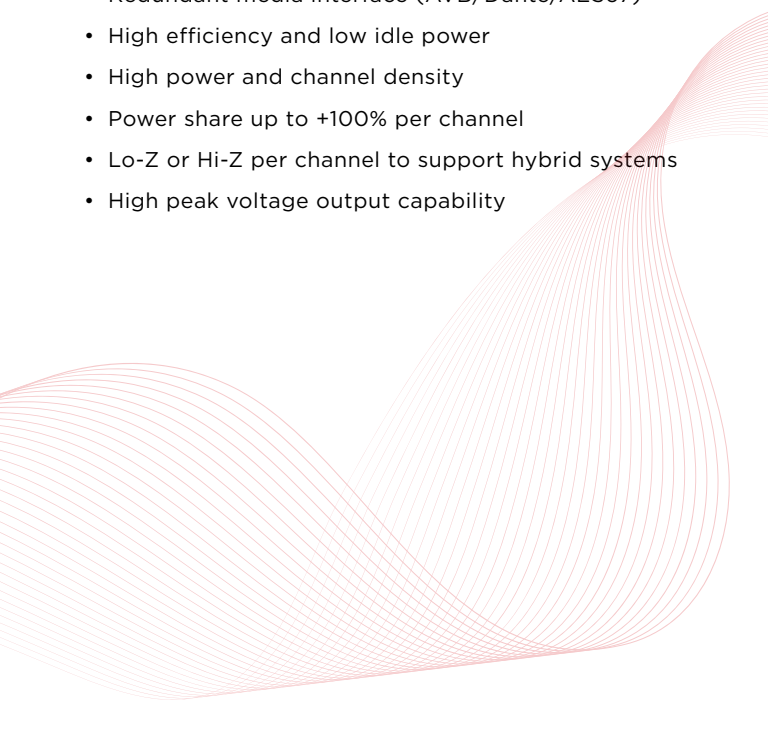
The Voltera D series of networked amplified loudspeaker controllers include a powerful onboard DSP, sophisticated tools for tuning rooms, and a host of other one-of-a-kind features that drive reliability and audio performance, as well as space and cost savings. They are configurable by either Tesira or the new Biamp VenueTune™ software, depending on user preference and audio network protocols, making setup and use easy. They are an ideal choice for a wide variety of applications, from houses of worship to transportation facilities.

VenueTune software provides in-depth control through an intuitive graphical interface, which uses simple 2D floorplans and a phased workflow to guide system designers and installers.

THE VOLTERA D SERIES COMPRISES FOUR MODELS:

- D 1200.8: 1200 W / 8 channels
- D 2400.8: 2400 W / 8 channels
- D 1200.4: 1200 W / 4 channels
- D 2400.4: 2400 W / 4 channels

KEY FEATURES:

- Compact and powerful—up to 8 channels in just one RU
 - VenueTune software provides intuitive, graphical speaker management
 - Also configurable with Tesira software
 - Powerful onboard digital signal processing
 - Accurate raised cosine EQ below 160 Hz
 - Group-controlled raised cosine EQ making it attractive for large systems
 - Redundant media interface (AVB/Dante/AES67)
 - High efficiency and low idle power
 - High power and channel density
 - Power share up to +100% per channel
 - Lo-Z or Hi-Z per channel to support hybrid systems
 - High peak voltage output capability
- 

PARLÉ CONFERENCE BARS

Delivering extraordinary audiovisual experiences in small through medium sized conference rooms, our Parlé™ conferencing bars feature professional microphones and loudspeakers, with an optional 4K camera, in a convenient, all-in-one form factor.

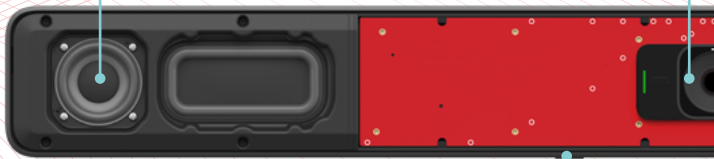


PARLÉ VBC 2500A CONFERENCE VIDEO BAR

The Parlé VBC 2500a is an all-in-one conferencing bar that delivers premium AV experiences with a 27-microphone array and a wide angle 4K camera designed for conferencing environments. Biamp Beamtracking™ technology actively tracks and intelligently mixes conversations from around the room. Two smart speakers use distortion compensation and dynamic bass enhancement technology to create room filling audio with superior speech reproduction.

Hear and be heard with smart stereo speakers

Maintain privacy with automatic camera cover



Automatic configuration with Launch technology

The VBC 2500a features Biamp Launch, an automated tuning system that optimizes the audio to each unique conference space.



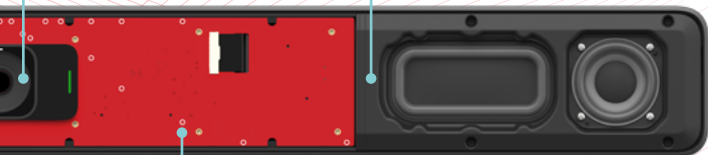
LAUNCH

KEY FEATURES:

- **NEW:** Now certified for Zoom Intelligent Director
- **NEW:** Now compatible with Mersive, Barco, ScreenBeam, Airtame, and Crestron wireless collaboration systems
- Beamtracking technology actively tracks conversations
- AI noise reduction algorithm for clear voice reproduction
- LED indicators for mute status and camera activity
- Wide angle 4K camera that can stream 1080p @ 30fps
- Electronic Pan/Tilt/Zoom with 5x zoom
- Auto framing technology to keep participants in frame
- Automatic camera privacy shutter
- Table, wall, and display mount options available
- Support for Assistive Listening Systems
- Display mount allows quick and easy installation above or below any monitor and includes simple flip forward access to the back panel

Bring people closer
with 4K camera

Quick and easy installation with
multiple mounting options



Capture every voice with
Beamtracking microphones



PARLÉ ABC 2500 CONFERENCING AUDIO BAR

The Parlé ABC 2500 is a conferencing bar featuring a 27-element mic array and Biamp Beamtracking™ technology to actively track and intelligently mix conversations from around the room. Two smart speakers use distortion compensation and dynamic bass enhancement technology to create room filling audio with superior speech reproduction. The Parlé ABC 2500 also features Biamp Launch, an automated tuning system that optimizes the audio to each unique conference space.



LAUNCH

KEY FEATURES:

- **NEW:** Now compatible with Mersive, Barco, ScreenBeam, Airtame, and Crestron wireless collaboration systems
- Beamtracking technology actively tracks and intelligently mixes conversations
- AI noise reduction algorithm for clear voice reproduction
- Low distortion smart speakers
- Biamp Launch for one touch automatic room tuning
- LED indicators for mute status
- Table, wall, and display mount options available
- Support for Assistive Listening Systems
- Display mount allows quick and easy installation above or below any monitor and includes simple flip forward access to the back panel



PARLÉ N 100



PARLÉ N 100

By adding network connectivity to Parlé conferencing bars, the Parlé N 100 port expander enables device monitoring, firmware updates, and enterprise configuration via SageVue. It also includes:

- 2 USB A ports for connecting peripherals like the Vidi 250 conferencing camera
- 1 USB B port for connecting a laptop or UC compute device
- 1 USB C port for connecting and powering the Parlé ABC or VBC 2500

UC COMPUTE WITH ROOM CONTROL

We've partnered with Lenovo® to deliver a state-of-the-art compute device that enables Biamp to offer complete, end-to-end conference room solutions.

Add smarter collaboration technology to meeting rooms of all sizes with the Lenovo ThinkSmart™ Core and Controller Kit. It's the ideal UC compute solution for seamless integration with Biamp conferencing bars and bundles.



THINKSMART CORE KEY FEATURES:

- Pre-loaded with Teams or Zoom
- Wi-Fi, Bluetooth, Ethernet connectivity
- Intel i5 processor
- Windows® 11 IoT Enterprise
- USB, USB-C, HDMI, and Thunderbolt connections
- Includes VESA mount kit
- Kensington® lock-ready
- 3-year warranty

THINKSMART CONTROLLER KEY FEATURES:

- **NEW:** Now featuring Cat-5 connectivity between the controller and compute
- 10.1" screen size
- 1280 x 800 resolution
- Motion detection wakes screen at 3 meters
- Anti-glare and anti-smudge
- Rotatable 30 and 60 degrees
- Headphone/mic output
- Kensington mini-lock-ready

The Lenovo ThinkSmart Core and Controller pair with Biamp room bundles to create complete conferencing solutions for spaces of any size.



SMALL ROOM UC SOLUTION:

Lenovo ThinkSmart Core and Controller Kit with Parlé VBC 2500 Conferencing Bar



MEDIUM ROOM UC SOLUTION:

Lenovo ThinkSmart Core and Controller Kit with Medium Room Bundle, featuring a TesiraFORTÉ™ X audio processor, a Parlé microphone, and two Desono™ C-IC6 loudspeakers



LARGE ROOM UC SOLUTION:

Lenovo ThinkSmart Core and Controller Kit with Large Room Bundle, featuring a TesiraFORTÉ X audio processor, two Parlé microphones, and four Desono C-IC6 loudspeakers





ROOM CONTROL FOR MICROSOFT TEAMS AND ZOOM SYSTEMS:

This software-enabled feature adds Impera room control to Microsoft Teams Room and Zoom Room unified communications (UC) systems. With this feature, a new page flip button appears on the UC room screen, giving the end-user the ability to operate any connected, controllable device in the UC room using the same touch panels used for meeting management.

KEY FEATURES:

- Adds Biamp Impera room control to UC system
- Creates a new room control page on UC touch panel
- Uses the same GUI as used to operate the UC room
- Microsoft Teams Room systems can utilize all the flexibility of Biamp UI design to create room control interfaces
- Set up room controls in Project Designer drag and drop configuration software



TESIRAFORTÉ X



Next Generation Meeting Room Signal Processors

The TesiraFORTÉ™ X Series is the next generation of open architecture conference room signal processors. Combining the core functionality of the current TesiraFORTÉ line, along with the capabilities of TesiraCONNECT™ TC-5D and Tesira™ EX-UBT in a sleek, streamlined design, TesiraFORTÉ X is perfectly suited for modern conferencing environments, where space is at a premium.

Compact enough to be installed anywhere, including behind a wall mounted display, TesiraFORTÉ X includes 4 PoE+ network ports to connect other conferencing equipment and supports both AVB and Dante® devices out of the box. The TesiraFORTÉ X series includes 400, 800, and 1600 models, featuring 4, 8, and 16 channels of acoustic echo cancellation (AEC) respectively, allowing the processors to support numerous digital microphones. A USB interface for audio connections to UC host devices is also included, allowing HID synchronization between Tesira and soft codec applications.

The new devices also feature Biamp Launch™, a new Biamp exclusive technology that allows devices to configure themselves.

KEY FEATURES

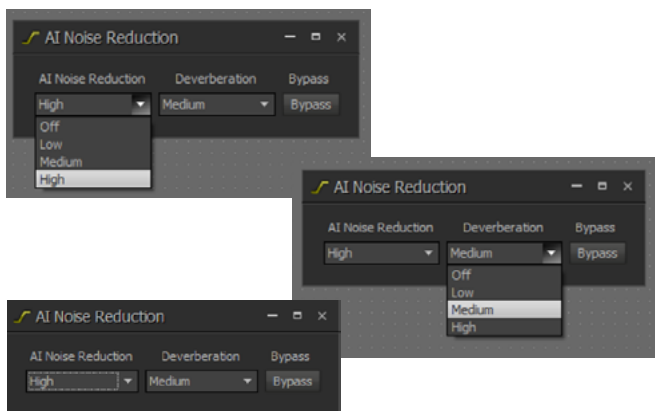
- Designed for modern meeting rooms with a small form factor
- Selectable network configuration—configure any network port for Dante, AVB media, VoIP, or control traffic
- Up to 16 channels of AEC, flexibly available across analog and digital I/O
- USB port with support for HID synchronization with UC platforms
- Next generation VoIP implementation
- Support for monitoring in SageVue™
- 2x2 analog I/O, 4 GPIO ports, 5 network ports (4 PoE+)
- 1-touch configuration and tuning with Biamp Launch
- AI noise reduction algorithm for clear voice reproduction
- Support for Assistive Listening Systems ensures that hearing impaired meeting participants benefit from the entire audiovisual collaboration experience



LAUNCH



TESIRA AI NOISE REDUCTION 2.0



AI noise reduction now available for any custom Tesira project including recording and telephony feeds, paging signals and more—in all types of spaces, from conference rooms, court rooms, and presentation spaces, to multi-purpose rooms, auditoriums, and stadiums.

KEY FEATURES

- Same great performance as the AI noise reduction in Parlé and Devio SCX
- Now available as a programming block in Tesira
- Offers adjustable AI noise reduction and reverberation settings (off / high / low / med)
- Includes a bypass button for easy demonstrations



VIDI CONFERENCING CAMERAS

Designed to equip small and medium size conference rooms for exceptional video meetings, Vidi conferencing cameras feature a 4K camera and professional beamtracking microphones designed for optimized conferencing. Vidi cameras are available in three models.

ALL MODELS FEATURE:

- 720p, 1080p, 4K/2160p at 30fps video quality
- 120° field of view with no distortion
- Built-in microphone array
- LED indicators for camera activity

AVAILABLE WITH VIDI 100:

- On-board signal processing for noise cancellation
- USB powered



AVAILABLE WITH VIDI 150:

- Auto framing via included remote control
- On-board signal processing for noise cancellation
- USB powered

AVAILABLE WITH VIDI 250:

- **NEW:** Now certified for Zoom Intelligent Director
- Electronic Pan/Tilt/Zoom with 5x zoom
- Auto framing technology keeps participants in frame
- Display mount and wall mount options



DESONO LOW-PROFILE CEILING MOUNT LOUDSPEAKERS



Our renowned Desono loudspeakers are now available in two new low-profile models that greatly enhance system design flexibility and reduce installation time: the C-IC6LP and DX-IC6LP. A mounting depth of less than 4" (101 mm) allows installation in even the tightest ceiling spaces. Our exclusive Springlock mounting clamps and magnetic, edgeless grilles, available in white or black, enable fast, easy, toolless installation. UL1480A and UL2043 certified.

DESONO C-IC6LP

- Optimized to integrate seamlessly into Biamp conferencing applications
- Includes RJ45 input jacks, supporting fast category cable installations in Biamp conference rooms
- Integrated mounting for Tesira AMP-450BP, four-channel "backpack" PoE+ amplifier
- 8 Ohm only installation

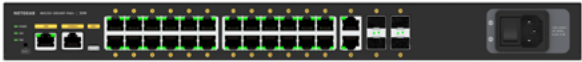
DESONO DX-IC6LP

- Optimized for distributed 70V/100V applications
- Features standard 4-pin Euroblock input connector with integrated pass-thru
- Includes a 60W transformer with front-mounted selector switch
- 70V/100V, or 8 Ohm



PRO AV SWITCHES

NETGEAR Pro AV switches are designed to seamlessly integrate with Biamp solutions, such as Tesira digital signal processors and Cambridge Qt X sound masking. They come configured out of the box for seamless integration with Dante or AVB with no set-up required.



NMS-NG26GPX-AVB

- 26-port switch
- Ideal for Tesira applications in multi-purpose spaces, classrooms, lecture theaters, courts, casinos, and performance venues
- Supports up to 90 Qt X controllers



NMS-NG10GPX-AVB

- 10-port switch
- Ideal for Tesira applications in extra-large meeting spaces and divisible rooms, or with NPX convenience paging
- Supports up to 48 Qt X controllers

COMMERCIAL LOUDSPEAKERS

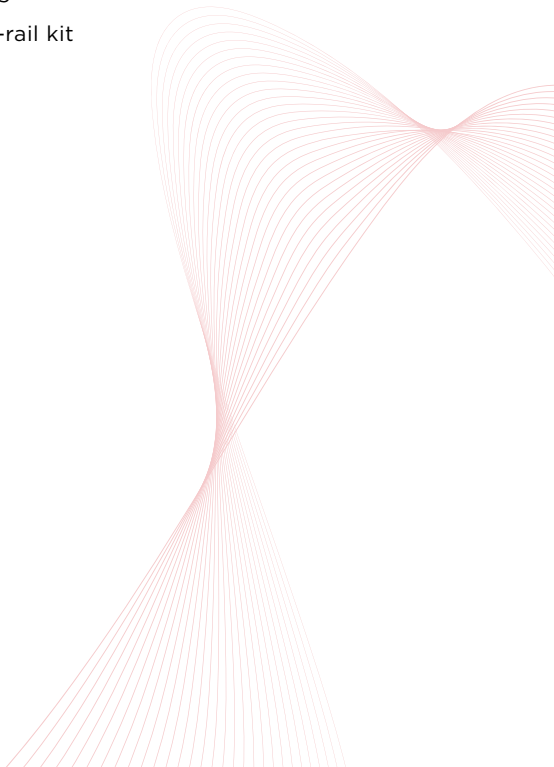


Engineered for exceptional performance when paired with our Vocia voice communication system, our new commercial ceiling loudspeakers deliver unmatched simplicity for significant installation cost savings, and crystal-clear voice intelligibility—a critical requirement for any speech reinforcement application.

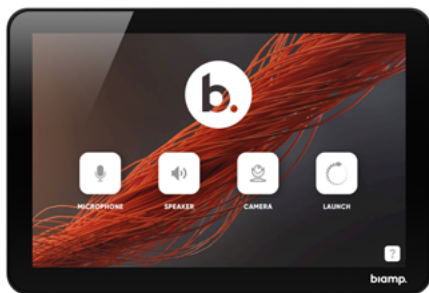
DC220T 2' X 2' DROP CEILING LOUDSPEAKER:

- Easy installation in place of any 24" x 24" ceiling tile
- 6.5" driver provides wider coverage than comparable competitor models
- Total depth of less than 4" when installed
- 100% metal enclosure
- Simple, toolless wire connection
- UL1480A and UL2043 certified
- Model DC220T-M now available for metric 600 mm ceiling grids

CM10TB 5.5" IN-CEILING BACK-CAN LOUDSPEAKER:

- One-way 5.5" driver delivers maximum efficiency by reducing required amplifier power by 50%
 - Achieves high output similar to 8" competitor models
 - Fast, easy mounting with included 24" (600 mm) tile rails and clamps
 - UL1480A and UL2043 certified
 - Compatible with Desono SPA accessories:
 - New construction bracket
 - Trim ring
 - 48" tile-rail kit
- 
- A decorative graphic consisting of numerous thin, red, curved lines that flow from the bottom left towards the top right, creating a sense of movement and depth.

APPRIMO TOUCH 8i CONTROL PANEL



The Apprimo Touch 8i is an 8" touchscreen control panel capable of controlling up to 20 IP-based devices, enabling fully customizable solutions that perfectly match customer requirements. The user interface is easily configurable with Project Designer software, which includes a selection of themes and customizable templates.

KEY FEATURES:

- 8" capacitive touch LCD interface
- Scratch-resistant glass
- Integrated controller
- Customizable user interface to fit customers' control requirements and corporate identity
- Fits standard single gang US, EU, and DK back boxes
- Screen turns on automatically as someone approaches
- Display brightness can adjust automatically to the ambient light level
- Tabletop mount included
- PoE powered (IEEE 802.3at Class 3, 15W) for simple, single CAT5e/CAT6 cable installation

IMPERA CONTROL PADS



Impera Echo, Impera Echo Plus and Impera Uniform enable intuitive room control across a wide range of environments. The push-button simplicity of Impera control pads provide user-friendly interfaces for controlling technology in meeting rooms and learning spaces. Configured using the Project Designer drag-and-drop software, Impera control pads are easy to install, easy to operate and integrate into new and existing AV installations.

KEY FEATURES:

- Include on-board controllers; no external processor required
- Software-configurable via Project Designer software
- 4- and 8-button models available in EU, DK, and US form factors
- Control devices via LAN, RS-232, IR, or GPIO
- Support email notifications for lamp/filter hours and warning

IMPERA TANGO



The Impera Tango controller for Biamp touch panels provides an easy and versatile AV control system for medium and large conference rooms. The Impera Tango is equipped with three bi-directional RS-232 interfaces for sending commands to AV devices with feedback functionality. It is additionally equipped with 2 uni-directional RS-232 interfaces for serial or infrared communication, and 8 GPIO for control of relays, switches and sensors.

KEY FEATURES:

- Software-configurable via Project Designer software
- 3 bi-directional RS-232 ports or 6 IR ports
- 2 uni-directional RS-232 ports or 4 IR ports
- 4 built-in assignable relays
- 8 GPIO for control of relays, switches, and sensors
- PoE powered (IEEE 802.3at Class 3, 15W)

IMPERA CONNECT-X MP6



Easily extend the versatile control of Impera controllers or the Apprimo Touch 8i control panel with the addition of more AV interfaces. This small device adds one bi-directional RS-232 port for sending commands to an AV device with feedback functionality, and two uni-directional RS-232 ports. It also includes three GPIO ports. These additional ports are easily configured from with the Project Designer software.

KEY FEATURES:

- Easily extend the versatility of Impera controllers, control pads, and Apprimo Touch 8i control panels
- Can also be used with other Biamp Impera controllers to easily add more ports
- Control devices via RS-232, IR, or GPIO
- Software-configurable via Project Designer software

CAMBRIDGE QT X SERIES



Direct-Field and In-Plenum Sound Masking in One Powerful Solution

Combining our QtPro™ and DynasoundPro™ technologies into one powerful solution, the new Cambridge Qt™ X series offers both direct-field and in-plenum functionality to address the full spectrum of sound masking needs. Qt X controllers are available in 3-zone, 6-zone, and 8-zone models, and utilize existing emitter lines from both the QtPro and DynasoundPro families.

This series is designed to smoothly integrate with both Biamp’s existing Tesira line and future paging solutions to better enable unified programming and deployment of sound management applications.





KEY FEATURES

- **NEW:** Now supporting logic-based and scheduled paging, output fault monitoring, and single button paging mode for 10 button NPX paging stations
- Supports both direct-field and indirect sound masking
- Seamless compatibility with convenience paging microphones and background music sources
- System architecture enables greater reliability, easy expansion, and network capabilities
- Enables out-of-the-box compatibility with any building's life-safety system
- AVB and Dante compatibility allows for easy integration with a broad range of devices
- Compatible with existing Qt and Dynasound emitters
- Full SageVue support for easy, centralized system management



Qt emitters



Dynasound emitters

biamp.

To learn more about the products in the Biamp pocket guide, scan the code below.



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