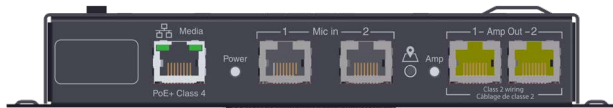
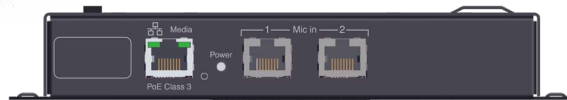


PARLÉ INSTALLATION GUIDE



Parlé Ceiling Mics
DCM-X, DCM-XA,
DCM-XEX

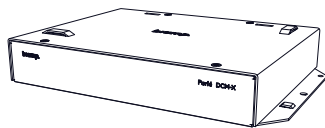
Mics are available in White and Black

PRODUCT FEATURES

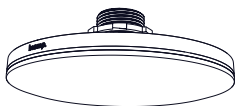
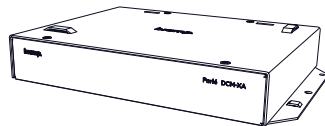
- Designed to work with, and connect to Devio UCX systems
- Beamtracking technology actively tracks and intelligently mixes conversations
- Beamtracking works out-of-box without any lobe aiming or room mapping
- Network box includes DSP for Beamtracking
- System can be discovered and registered with Biamp Workplace Tools
- Uses only one channel of AEC per microphone
- Plenum-rated, subjected to testing per UL 2043

IN THE BOX

DCM-X OR DCM-XA



(1) Plenum Box

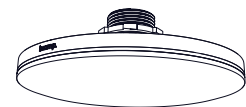


Ceiling Microphone

Hardware
Mounting Clips (2)

Documentation
Safety Guide
QR sheet

DCM-XEX



DCM-XEX
Ceiling Microphone

Documentation
Safety Guide
QR sheet



support@biamp.com

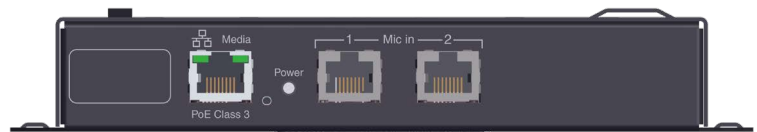


biamp.com

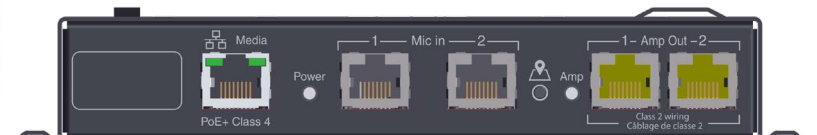
PRODUCT DETAILS



Parlé DCM-X Microphone



Parlé DCM-X



Parlé DCM-XA

PARLÉ DCM-X

Beamtracking Ceiling Microphone

- An IEEE 802.3af Class 3 PoE device requiring 13W of PoE power for use in Devio UCX systems.
- Is comprised of a plenum box and a ceiling microphone
- Each microphone includes Beamtracking™ technology with four 90-degree zones, providing full 360-degree coverage of the meeting space.
- Each ceiling plenum box has its own digital signal processing module and comes with an additional RJ-45 connector to add an optional DCM-XEX to the ceiling plenum box.
- A maximum of two microphones are permitted per ceiling plenum box (one DCM-X or DCM-XA with a DCM-XEX).

PARLÉ DCM-XEX

Expansion Ceiling Beamtracking Microphone

- The Parlé DCM-XEX is an AVB low-profile ceiling microphone for use in Devio UCX systems.
- Each microphone includes Beamtracking technology with four 90-degree zones, providing full 360-degree coverage of the meeting space.
- The DCM-XEX cannot operate as a standalone device and is intended to be used as a second microphone in conjunction with the DCM-X or DCM-XA.

PARLÉ DCM-XA

Beamtracking Ceiling Microphone & POE+ Amplifier

- An IEEE 802.3at Class 4 device requiring 30W of PoE+ power for use in Devio UCX systems.
- Is comprised of a plenum box with amplifier and a ceiling microphone,
- Each microphone includes Beamtracking technology with four 90-degree zones, providing full 360-degree coverage of the meeting space.
- The 2-channel PoE+ amplifier includes an internal limiter, selectable power and is capable of operative burst mode to handle peak signals, providing up to 40 watts (4Ω load) or 30 watts (8Ω load) per channel.
- Each plenum box includes a digital signal processing module and comes with an additional RJ-45 connector to add an optional DCM-XEX.
- A maximum of two microphones are permitted per plenum box (one DCM-X or DCM-XA with DCM-XEX).

PLENUM BOX BACK PANELS

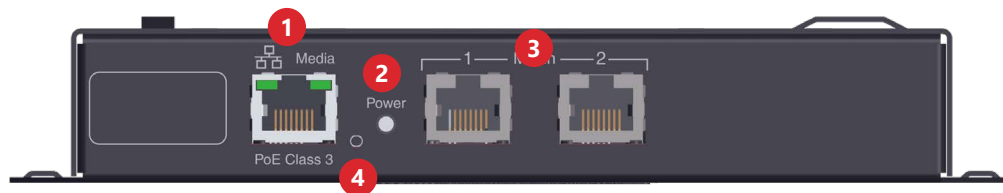


Figure 1. Parl  DCM-X

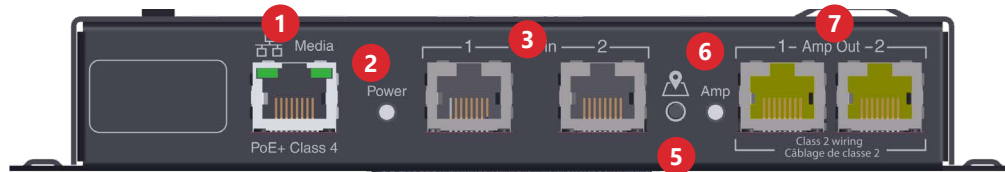


Figure 2. Parl  DCM-XA

SETUP AND USE

Follow the setup prompts on the Touch 10 UCX screen to set up the Devio UCX system with Parl  DCM-X, DCM-XA, and DCM-XEX mics. Running the Biamp Launch process easily defines the room and configures the system.

The information provided by this manual relates to physical connections and device setup. For more details on the setup refer to [Cornerstone](#). Information about Biamp Workplace and Workplace Tools is available in the [Workplace Admin Help](#) file.

Connections

The DCM-X and DCM-XA plenum box is a folded metal enclosure designed for permanent installation above a ceiling or ceiling tile. The devices are passively cooled and do not have ventilation ports.

Two RJ-45 jacks located on the rear panel connect the plenum box to the ceiling microphone(s). The microphone is designed to be flush-mounted directly to the ceiling or ceiling tile.

1. Control

Facilitates connection to the network for audio transmission and control. This RJ-45 port should be connected directly to a Devio UCX PoE+ port.

2. Power LED

A multi-color LED provides information about the status of the device.

3. Mic In 1-2

Allows for one additional DCM-XEX expander microphone. Use of the second RJ-45 port is optional and will depend on the number of additional microphones required to cover the acoustic space.

4. Reset (DCM-X only)

Pressing this button (with the open end of a paperclip) for 5 seconds will initiate a reset to factory settings.

5. Locate (DCM-XA only)

Pressing the locate button will play an audible signal that cycles through each connected output. Device status LEDs will flash green when locate is initiated. The Locate mode will time out after 1 hour.

6. Amp LED (DCM-XA only)

A multi-color LED provides information about the status of the amplifier.

7. Amp Out 1 - 2 (DCM-XA only)

2 x 4W RMS or 1 x 8W RMS output at low impedance 4 Ω / 8 Ω .

LED INDICATORS

Table 1 - Power/Systems Status

A multi-color LED provides information about the status of the device

Status	LED Indicator
No power	Off
Booting/Self-Test	Red Solid
Ready to receive configuration or updating firmware	Yellow Solid
Configured and ready to participate in the system	Green Solid
Unit is in Locate mode (triggered from the software)	Green Flashing
Unit has Major Alarm condition	Red Flashing
Unit has Major Minor condition	Yellow Flashing
Unit has both a Major and Minor Alarm condition	Red/Yellow Flashing

Table 2 - Amp LED Indicators

A multi-color LED provides information about the status of the amplifier (*TCM-1A/DCM-XA only*)

Status	LED Indicator
No power	Off
Clip detected	Red Solid
Powered	Green Solid
Amplifier limiter engaged	Yellow Solid
Amplifier is in Locate mode (triggered from the software)	Green Flashing
Amplifier has Major Alarm condition	Red Flashing
PoE+ power is not available or insufficient to power the amplifier – it has been turned off	Red & Yellow Flashing

Table 3 - Microphone LED Indicators

3x multi-color LEDs provide information about the status of the microphone. Default LED indication is shown in the table below. Default LED behavior may be changed through configuration of the system.

Status	LED Indicator
No power	Off
Configured and operating normally	Green Solid
Unit is in Locate mode (triggered from software)	Green Flashing
Microphone is Muted	Red Solid
Unit has Major Alarm condition	Red Flashing

SAFETY



CAUTION

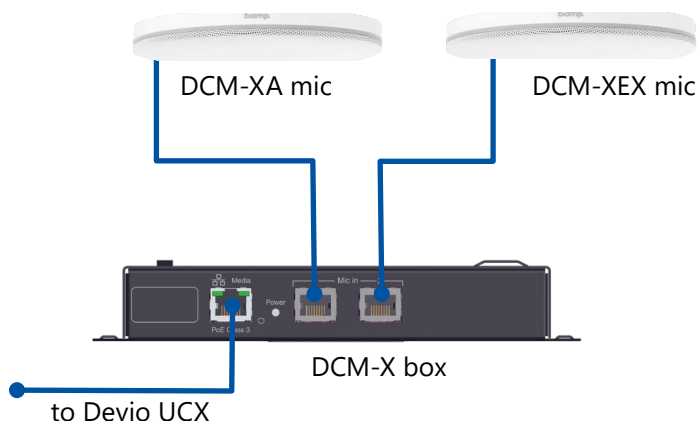
Risk of electric shock or injury.
Microphone grille must be properly installed during operation.

ATTENTION

Risque de décharge électrique ou de blessure.
La grille du microphone doit être installée correctement pendant son fonctionnement.

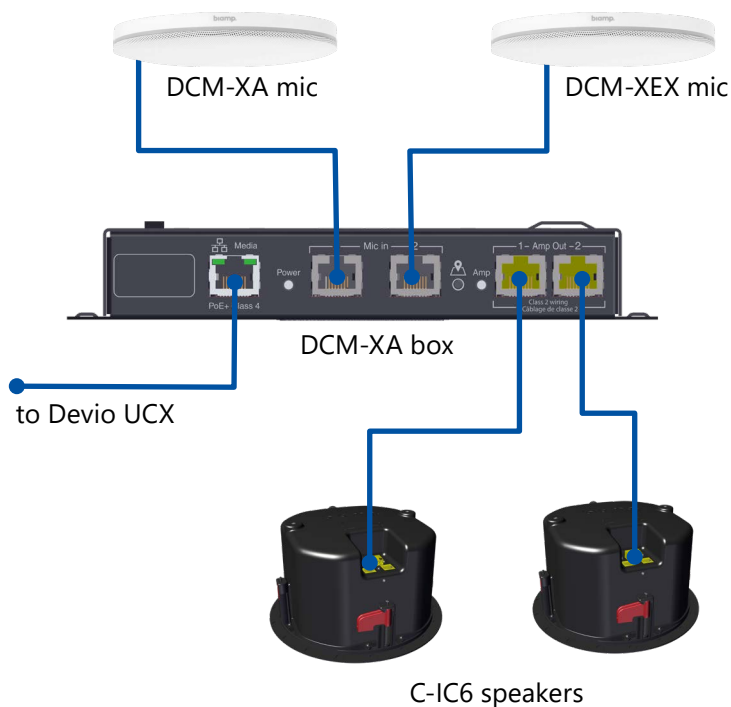
TYPICAL PARLÉ DCM-X SYSTEM

The following diagram shows a Devio UCX system with the maximum-allowed 2 microphones including a DCM-X microphone and DCM-XEX microphone:



TYPICAL PARLÉ DCM-XA SYSTEM

The following diagram shows a Devio UCX system with the maximum-allowed 2 microphones including a DCM-XA microphone and DCM-XEX microphone and C-IC6 speakers:



Suitable for use in environmental air spaces (plenums) in accordance with Section 300.22(C) of the National Electrical Code, and Sections 12-128, 12-010(3), and 12-100 of the Canadian Electrical Code, Part 1, CSA C22.1.

Peut être utilisé dans des gaines transportant de l'air traité, conformément à la section 300.22(C) du National Electrical Code et aux articles 12-128, 12-010(3) et 12-100 du Code Canadien de l'électricité, Première partie, CSA C22.1.

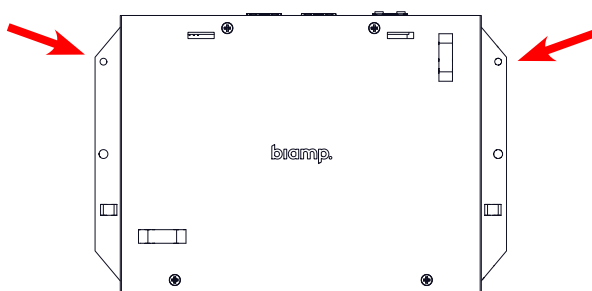
MOUNTING & INSTALLATION

INSTALLATION

Install the unit away from heat sources, such as vents and radiators, and in rooms with adequate ventilation. Make sure that air can circulate freely around the unit. Do not exceed the maximum ambient operating temperature of 32°-104°F (0-40°C) for the microphones and 32°-113°F (0°-45°C) for the plenum boxes.

General Mounting and Installation Notes

- The maximum distance between an Ethernet switch and a DCM-X or DCM-XA plenum box is 330 feet (100 meters).
- The maximum distance between the microphone and plenum box is 33 feet (10 meters).
- The height range from floor to ceiling for the DCM-X and DCM-XA is 7 feet (2 meters) to 18 feet (5.5 meters).
- The DCM-X and DCM-XA plenum boxes are mounted above the ceiling tile, while the microphone attaches flush to the ceiling. These devices are plenum-rated.
- An optional "Tile Bridge" kit (TB-1) may be ordered to facilitate various mounting configurations and accommodate local safety and code requirements.
- The plenum box and microphone-mount washer are both equipped with a mounting hole for an optional seismic cable.



DCM-X Seismic Cable Mounting Points

INSTALLATION

- Installez l'appareil loin des sources de chaleur, comme les bouches d'aération et les radiateurs, et dans des pièces bien ventilées. Assurez-vous que l'air circule librement autour de l'appareil. Ne dépassez pas la température ambiante maximale de fonctionnement de 0 à 40 °C (32 à 104 °F) pour les microphones et de 0 à 45 °C (32 à 113 °F) pour les boîtiers de dérivation.

Remarques générales sur le montage et l'installation

- La distance maximale entre un commutateur Ethernet et un boîtier de dérivation DCM-X ou DCM-XA est de 100 mètres (330 pieds).
- La distance maximale entre le microphone et le boîtier de dérivation est de 10 mètres (33 pieds).
- La hauteur sous plafond des DCM-X et DCM-XA est entre 2 et 5,5 mètres (7 et 18 pieds).
- Les boîtiers de plénum DCM-X et DCM-XA se fixent au-dessus de la dalle de plafond, tandis que le microphone s'installe à fleur de plafond. Ces dispositifs sont homologués pour une installation en plénum.
- Un kit de pont de montage optionnel (TB-1) peut être commandé pour faciliter différentes configurations de montage et répondre aux exigences locales en matière de sécurité et de réglementation.
- Le boîtier pour plénum et la rondelle de fixation du microphone sont tous deux équipés d'un trou de montage pour un câble antisismique optionnel.

Note: Installation instructions are provided in both English and French.

MOUNTING & INSTALLATION (CONTINUED)

INSTALLATION OPTIONS

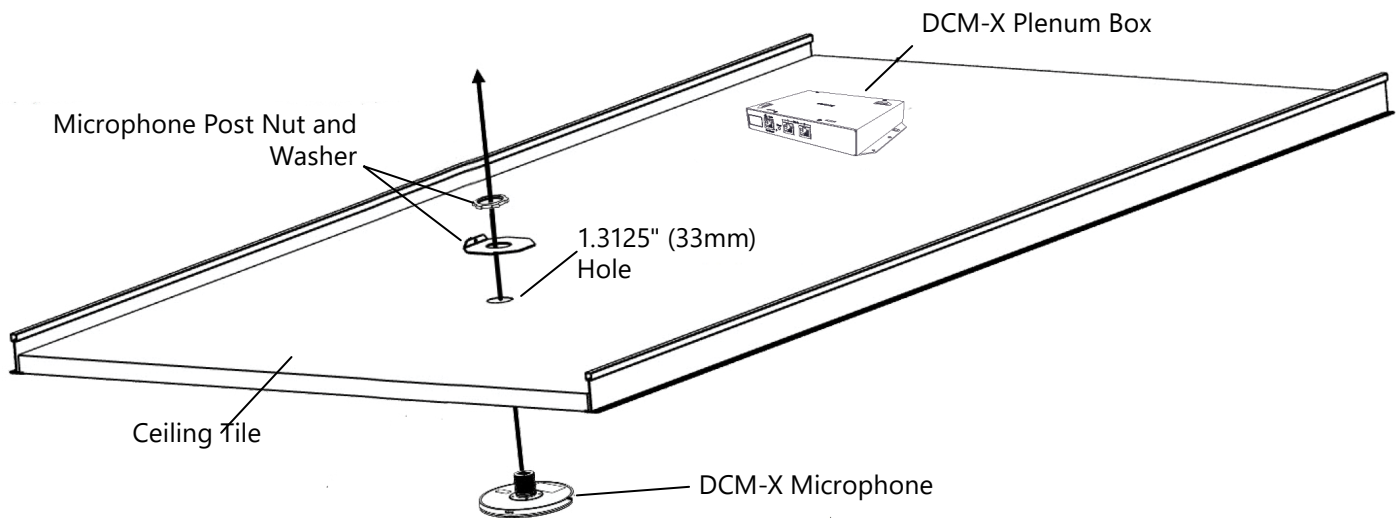
Mounting Above the Ceiling Tile

1. Remove any ceiling tiles needed to access the area where the microphone is to be mounted
2. Cut a 1 $\frac{5}{16}$ inch (33 mm) hole through the ceiling tile where the ceiling microphone is to be located. Insert the microphone post through the hole in the tile.
3. Secure the microphone post to the ceiling tile with the retaining hardware (nut and washer).
4. Attach the microphone cable to the microphone port on the DCM-X / DCM-XA box.

OPTIONS D'INSTALLATION

Montage au-dessus d'une dalle de plafond

1. Retirez les dalles de plafond nécessaires pour accéder à la zone de montage du microphone.
2. Percez un trou de 33 mm (1 5/16 pouce) dans la dalle de plafond à l'emplacement du microphone. Insérez la tige du microphone dans le trou.
3. Fixez la tige du microphone à la dalle de plafond à l'aide des éléments de fixation (écrou et rondelle).
4. Branchez le câble du microphone au port du microphone du boîtier DCM-X / DCM-XA.



Above-Ceiling Tile Installation Option

INSTALLATION OPTIONS

Tile Bridge

The Tile Bridge (TB-1), ordered separately, may be used in several configurations to mount the plenum box and ceiling microphone above the ceiling tiles.

The most common options are as follows:

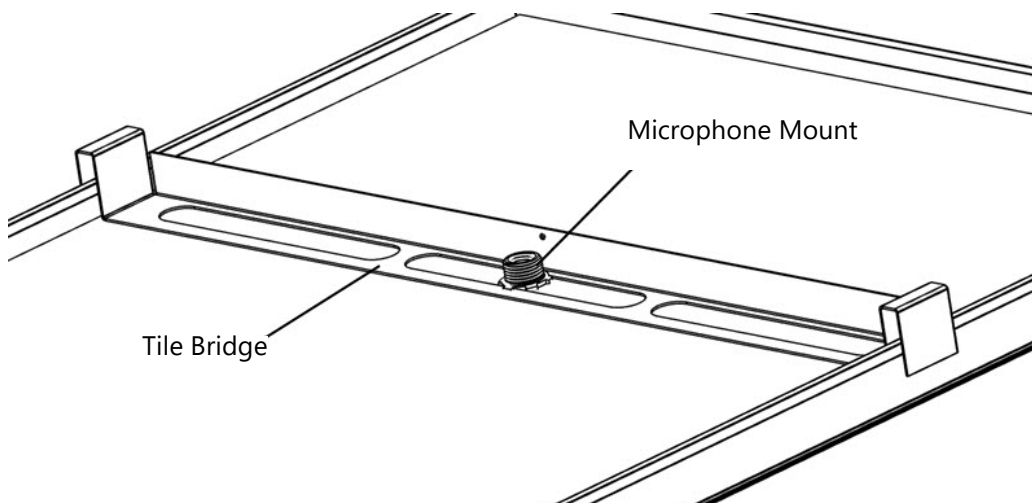
The Tile Bridge kit includes a tile bridge and two clips that are used to mount any of the Parlé plenum boxes and ceiling microphones. When installing the DCM microphones with the tile bridge, the microphone mounting washer may be discarded.

NOTE: Make sure the slot in the tile bridge lines up with the mounting location. The tile bridge may be used as a template to ensure proper location.

DCM Microphone secured to the Tile Bridge

This option installs the DCM-X / DCM-XA microphone directly into the tile bridge. The plenum box may be mounted to the tile bridge or on the ceiling tile surface.

1. Install the microphone post through the holes in the ceiling and the tile bridge.
2. Secure the microphone by screwing the nut onto the post until it is flush with the tile bridge.



Above-Ceiling Tile Bridge Installation

OPTIONS D'INSTALLATION

Pont de fixation pour dalles

Le pont de fixation pour dalles (TB-1), commandé séparément, peut être utilisé de différentes manières pour monter le boîtier de dérivation et le microphone de plafond au-dessus des dalles de plafond.

Voici les options les plus courantes :

Le kit de pont de fixation pour dalles comprend un pont et deux clips permettant de fixer les boîtiers de dérivation et les microphones de plafond Parlé. Lors de l'installation des microphones DCM avec le pont de fixation pour dalles, la rondelle de fixation du microphone peut être omise.

REMARQUE : Assurez-vous que la fente du pont de fixation pour dalles est alignée avec l'emplacement de montage. Le pont de fixation pour dalles peut servir de gabarit pour un positionnement correct.

Microphone DCM fixé au pont de fixation pour dalles

1. Cette option permet d'installer le microphone DCM-X / DCM-XA directement dans le pont de fixation pour dalles. Le boîtier de dérivation peut être fixé au pont de fixation pour dalles ou à la dalle de plafond.
2. Installez la tige du microphone à travers les trous du plafond et du pont de fixation pour dalles.
3. Fixez le microphone en vissant l'écrou sur la tige jusqu'à ce qu'il affleure le pont de fixation pour dalles.

MOUNTING & INSTALLATION (CONTINUED)

INSTALLATION OPTIONS

DCM-X / DCM-XA Corner/Tile Bridge

This option installs the DCM-X / DCM-XA box on a corner where the tile bridge and the tile mounting "T-bar" meets.

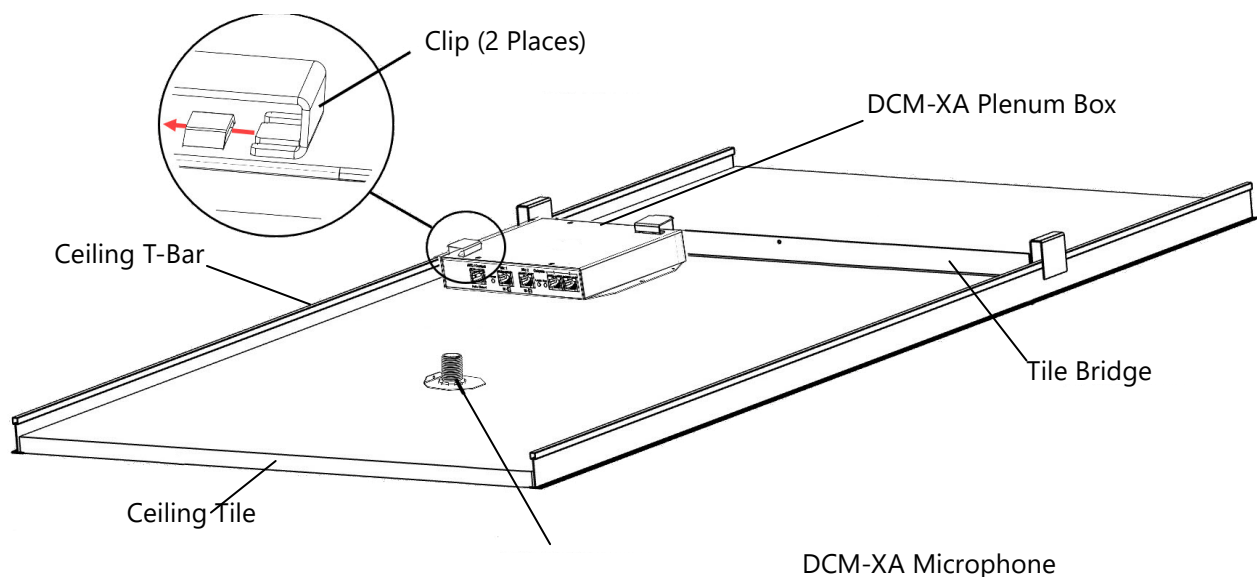
1. Fit the tile bridge over the ceiling tile so that the ends of the tile bridge fit over the ceiling T-bars to secure it in place.
2. Install the clips on the notched fittings of the DCM-X / DCM-XA plenum top cover.
3. Fit the clips over the T-bar and the TB-1 above the ceiling tile with the plenum box oriented as needed.
4. Insert the microphone post up through the hole in the ceiling tile.
5. Secure the microphone post with the retaining hardware (washer and nut) from above the ceiling tile.

OPTIONS D'INSTALLATION

Pont angulaire/dalle DCM-X / DCM-XA

Cette option permet d'installer le boîtier DCM-X / DCM-XA dans un coin, à la jonction du pont de dalle et de la barre de support en T.

1. Placez le pont de dalle sur la dalle de plafond de manière à ce que ses extrémités s'emboîtent sur les barres en T pour le maintenir en place. Installez les clips sur les fixations crantées du couvercle supérieur du plénum DCM-X / DCM-XA.
2. Placez les clips sur la barre en T et le TB-1 au-dessus de la dalle de plafond, en orientant le boîtier du plénum selon vos besoins.
3. Insérez le support du microphone par l'orifice de la dalle de plafond.
4. Fixez le support du microphone à l'aide des éléments de fixation (rondelle et écrou) par le dessus de la dalle de plafond.



Above-Ceiling Corner Tile Bridge Installation

MOUNTING & INSTALLATION (CONTINUED)

INSTALLATION OPTIONS

DCM-X / DCM-XA box in a corner

This option installs the DCM-X / DCM-XA on a corner where two "T-bars" meet.

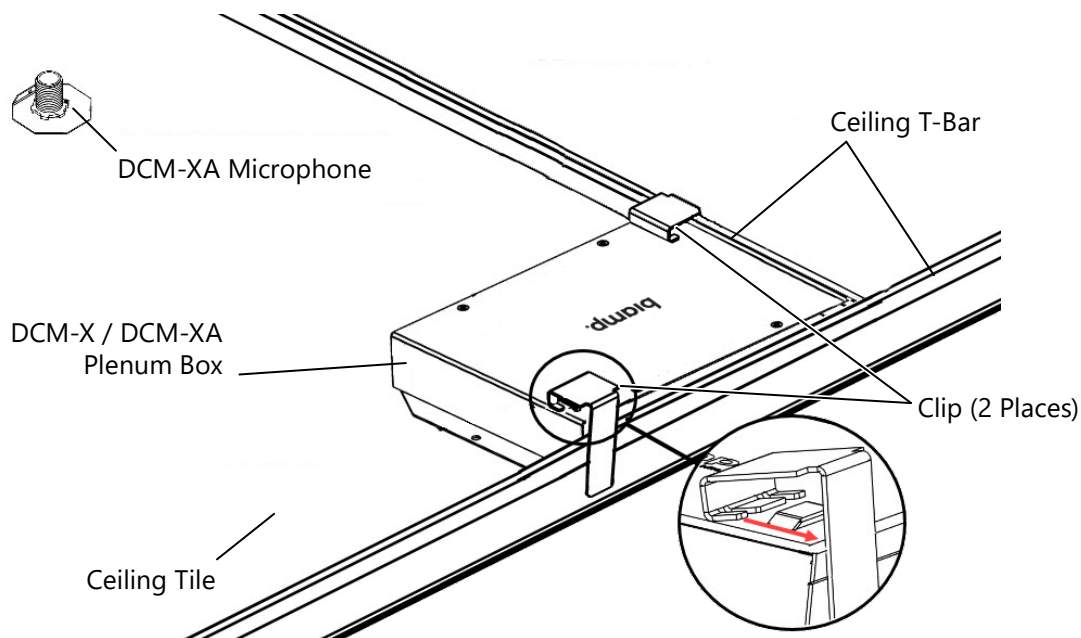
1. Install the clips on the notched fittings of the DCM plenum box cover as shown.
2. Fit the clips over two perpendicular T-bars (in the corner) above the ceiling tile with the cable ports facing out.
3. Install the microphone post through the hole in the ceiling tile.
4. Secure the microphone post with the retaining hardware (washer and nut) from above the ceiling tile.

OPTIONS D'INSTALLATION

Boîtier DCM-X / DCM-XA en angle

Cette option permet d'installer le DCM-X / DCM-XA dans un angle, à la jonction de deux profilés en T.

1. Installez les clips sur les fixations crantées du couvercle du boîtier DCM, comme indiqué.
2. Placez les clips sur les deux profilés en T perpendiculaires (dans l'angle), au-dessus de la dalle de plafond, les ports de câbles orientés vers l'extérieur.
3. Insérez le support du microphone dans l'orifice de la dalle de plafond.
4. Fixez le support du microphone à l'aide des éléments de fixation (rondelle et écrou) par le dessus de la dalle de plafond.



Above-Ceiling Tile Corner Installation

BPAK (Backpack Clip Kit)

The BPAK Backpack Clip Kit allows a Parlé DCM-X or DCM-XA network box to be attached to the top of a Desono C-IC6 or C-IC6LP back can.

1. Attach the BPAK clips to the mounting locations on each side of the speaker with the provided hardware as shown.



2. Fully slide the network device into clips. Use the rear hole for seismic wire attachment or to further prevent movement on the back can.



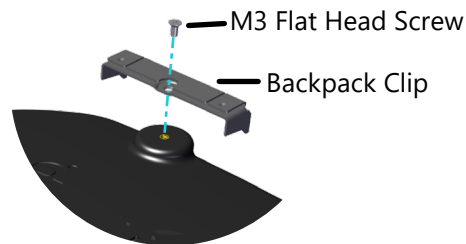
3. A cover is provided for conduit usage, strain relief, or to ensure the device doesn't move in the clips. Punch out the cut-out, attach conduit fitting or cable clamp and feed wiring through the opening. Connect wiring per the device instructions. Insert cover tabs into the slots on the network device and secure the cover with the thumbscrew. Install the speaker per the appropriate C-IC6 Installation Guide.



Ensemble de fixation pour boîtier de charge BPAK

Le kit de fixation pour boîtier de charge BPAK permet de fixer un boîtier de dérivation Parlé DCM-X ou DCM-XA sur le dessus d'une enceinte Desono C-IC6 ou C-IC6LP.

1. Fixez les fixations BPAK aux points de montage de chaque côté de l'enceinte à l'aide des éléments de fixation fournis, comme illustré.



2. Insérez complètement l'appareil réseau dans les fixations. Utilisez l'orifice arrière pour la fixation du câble antisismique ou pour limiter les mouvements sur l'enceinte.



3. Un couvercle est prévu pour l'utilisation dans un conduit, le soulagement des contraintes ou pour s'assurer que l'appareil ne bouge pas dans les clips. Percez l'ouverture, fixez le raccord de gaine ou le serre-câble et faites passer le câble par l'ouverture. Branchez le câblage conformément aux instructions de l'appareil. Insérez les languettes du couvercle dans les fentes du boîtier de dérivation et fixez le couvercle avec la vis moletée. Installez l'enceinte conformément au guide d'installation C-IC6 correspondant.



Shown mounted to a C-IC6LP

OPERATION

Initiating the setup process on the Touch 10 UCX console after all connections are made to the Devio UCX system is the way to configure the system. Running Biamp Launch will discover, configure and tune connected audio devices in the room. A full performance report will be generated after the process is completed. Setting up an account and organization in Biamp Workplace will allow you to discover and register your devices and manage them remotely. Additional details about Biamp Workplace are available on the website, on [Cornerstone](#), or in the [Workplace Admin Help](#) file.

Workplace Tools is suggested to discover, connect to, and register devices in a Workplace org. Click this [Downloads](#) link to access and choose the appropriate software. Search under Workplace for Workplace Tools.



Workplace Tools

OPTIONAL ACCESSORIES

CCA Adapter: Converts a Cat-5 cable to a 2-wire with attached euroblock for connections to speakers other than C-IC6/C-IC6LP.

TCM-X Installation Tool: Hole Saw and driver for installing ceiling microphones.

TCM-X-DK: Drywall kit for ceiling Parlé TCM-X, and DCM-X microphones (available in white and black).

TCM-X-FM: Flush mount kit for ceiling Parlé TCM-X, and DCM-X microphones (available in white and black).

TCM-X-PM: Pole mount accessory for Parlé TCM-X, and DCM-X ceiling microphones.

BPAK: Backpack adapter kit, optional mounting kit for Desono C-IC6 or C-IC6LP loudspeaker back cans.

Plenum Box 12 x 12: 12-inch x 12-inch, fire-resistant enclosure used to install a variety of Biamp devices.

Tesira TB-1: Ceiling tile bridge for TCM plenum boxes.

C5E-10-P, C5E-25-P: 10' and 25' pre-terminated Cat 5e cables

Seismic Cable Adapter: Cable adapter for plenum boxes

CONTACT US

email: support@biamp.com

web: support.biamp.com

warranty: biamp.com/legal/warranty-information

safety & compliance: biamp.com/compliance

29JUL2026



support@biamp.com



biamp.com