

thinking sound



high performance. low profile. no compromise.
INTRODUCING ULTRA-COMPACT LOW-VOLTAGE AUDIO SOLUTIONS FROM MEYER SOUND

A blue-tinted photograph of a car show. In the background, a large white triangular overlay is positioned on the left side, pointing towards the right. The background shows a line of cars on a display floor, with people and exhibition structures visible in the distance. The lighting is dramatic, with spotlights and ambient blue light.

ultra-compact, self-powered systems
with remote low-voltage power supplies.
exclusively from Meyer Sound.

FOR INSTALLATIONS THAT CAN'T AFFORD TO COMPROMISE ON SOUND QUALITY.

Until now, sound system integrators could choose premium performance or small size and light weight or ease of installation—but not all three at once.

With Meyer Sound's new series of low-voltage systems, there's no need to compromise anymore. These loudspeakers contain the performance advantages of Meyer Sound self-powered technology in very small enclosures. Additionally, because they operate on DC current (from a remote rackmount power supply), low-voltage systems do not require dedicated conduits to supply local AC power. Instead, they receive balanced audio and 48 V DC power over a single multi-conductor cable terminated with a five-pin connector. The amplifier and signal-processing circuits are specifically designed to store DC power and tolerate voltage drops, so installations can easily accommodate light-gauge cables and cable runs of several hundred feet.

The result: Meyer Sound's uncompromising sonic performance is now available in easy-to-conceal enclosures, and with substantially reduced installation time and cost.



worldblutryfree

significant performance and
logistical benefits over
constant-voltage systems.

PRODUCT BASICS

Compared to conventional constant-voltage distributed systems, Meyer Sound self-powered low-voltage loudspeakers offer:

Higher SPL output for more headroom and greater throw distance. In many installations, this translates into fewer loudspeakers and more pleasant aesthetics.

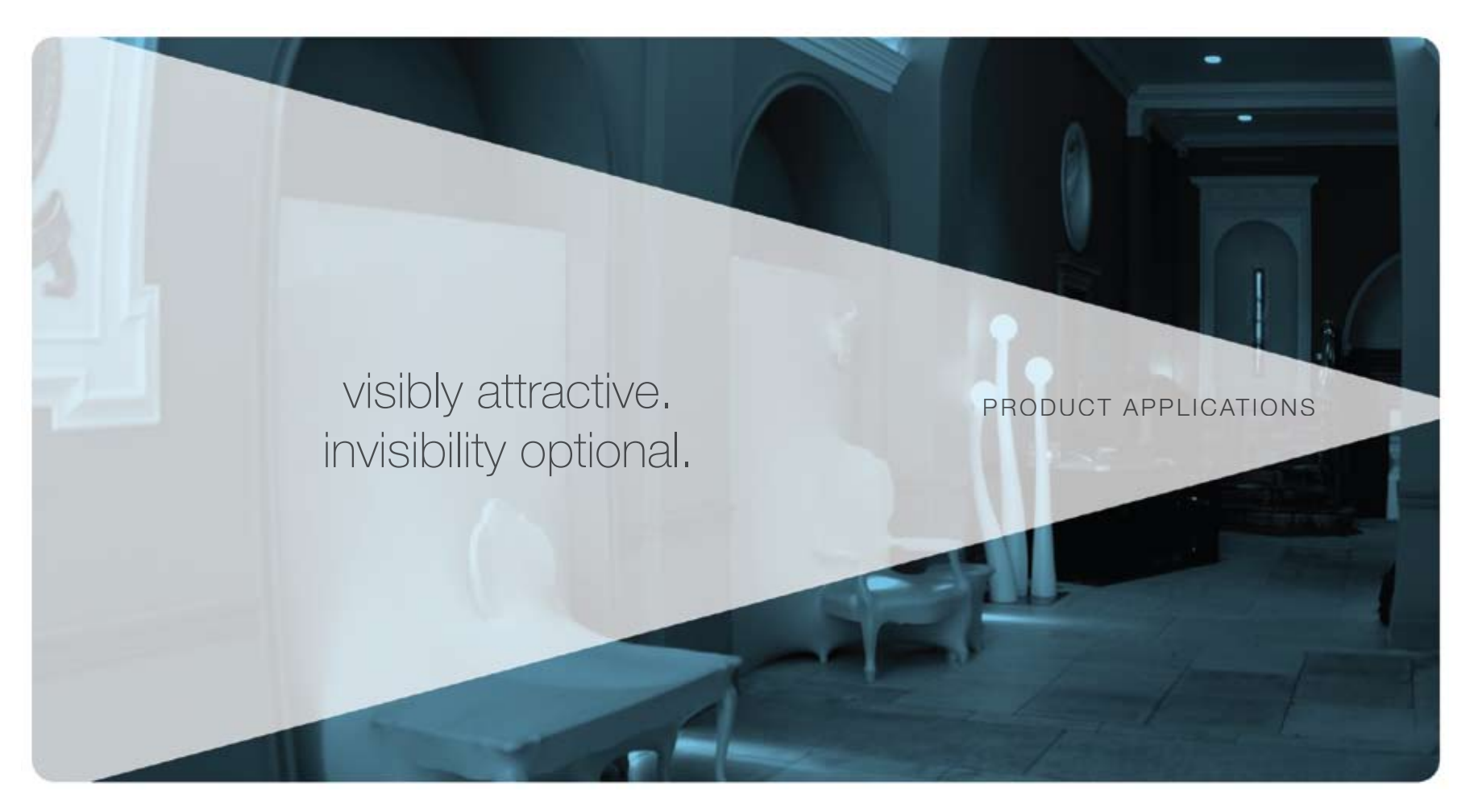
Lower distortion and wider bandwidth for exceptional clarity, markedly improved dynamics and exceptional voice intelligibility.

Flatter frequency and phase response for more consistent performance and easier tuning of high-performance, multi-loudspeaker installations.

Tighter, more powerful bass response down to 40 Hz with the MM-10 subwoofer.

Greater power/performance-to-size ratio with no transformer and line losses between amplifier and speaker.

Consistency and quality. All Meyer Sound products, including all transducers, are manufactured at our headquarters in Berkeley, California according to our strict quality-control processes, enabling us to achieve a level of consistency of product that is unparalleled in the industry.



visibly attractive.
invisibility optional.

PRODUCT APPLICATIONS

Meyer Sound low-voltage loudspeakers are delightfully discreet. When surface mounted using the adjustable U-bracket, the sleek cabinets complement any elegant décor. Custom colors help integrators deliver quality sound while meeting challenging aesthetic requirements.

APPLICATIONS

Front, underbalcony and spot fill in theatres, concert halls and places of worship.

AV playback systems for museums, trade show exhibits and corporate presentations.

Foreground music and PA auxiliary systems for bars, restaurants, nightclubs, retail outlets, and cruise ships.

Ultra-compact PA systems for meeting rooms.

Constellation acoustic system for natural acoustical enhancement of performance spaces.

MM-4XP



self-powered
miniature loudspeaker

OPERATING FREQUENCY RANGE¹

120 Hz – 18 kHz

MAXIMUM PEAK SPL²

113 dB

WEIGHT

4.2 lbs (1.91 kg)

DIMENSIONS

4.04" w x 4.04" h x 5.72" d

102.5 mm x 102.5 mm x 145.38 mm

MM-4XP SELF-POWERED MINIATURE LOUDSPEAKER

Housed in a compact enclosure with a faceplate merely four inches square, the MM-4XP is ideally suited for high-performance installations where space is limited and visibility is a concern. With its wide frequency response, ultralow distortion and astonishing SPL-to-size ratio, the MM-4XP is a standout performer in both speech and music applications. The integrated 220 W class D amplifier forcefully drives a 4-inch cone transducer while peak and rms limiters regulate driver excursion to maintain exemplary performance even when driven into overload. An optional U-bracket allows mounting on walls and ceilings at adjustable angles. The MM-4XPV version includes a volume control on the top panel.

NOTES

¹Recommended maximum operating frequency range. Response depends on loading conditions and room acoustics. ²Measured with music referred to 1 meter.

MM-4XPD



directional miniature
self-powered loudspeaker

OPERATING FREQUENCY RANGE¹

120 Hz – 18 kHz

MAXIMUM PEAK SPL²

113 dB

WEIGHT

5.2 lbs (2.36 kg)

DIMENSIONS

4.04" w x 4.04" h x 7.72" d

(102.50 mm x 102.50 mm x 196.10 mm)

MM-4XPD DIRECTIONAL MINIATURE SELF-POWERED LOUDSPEAKER

Provides a unique solution for highly reverberant spaces. The MM-4XPD is similar to the MM-4XP in most respects, including the 4-inch driver, faceplate dimensions and basic performance specifications. The slightly elongated enclosure incorporates patent-pending technology to create a hypercardioid directional pattern with attenuation in the order of 10 dB at the back of the loudspeaker, even at the lowest reproduced frequencies. At higher frequencies the loudspeaker retains focused directionality. This is achieved with a single driver, avoiding the complexity and costs associated with a second driver with dedicated amplification and signal processing.

NOTES

¹Recommended maximum operating frequency range. Response depends on loading conditions and room acoustics. ²Measured with music referred to 1 meter.

UP-4XP



ultracompact loudspeaker

OPERATING FREQUENCY RANGE¹

66 Hz – 18 kHz

MAXIMUM PEAK SPL²

121 dB

WEIGHT

12.2 lbs (5.53 kg)

DIMENSIONS

13.84" w x 5.54" h x 5.25" d

352 mm x 141 mm x 133 mm

UP-4XP ULTRACOMPACT LOUDSPEAKER

The UP-4XP is ideal for applications requiring an inconspicuous cabinet that delivers high sound pressure levels, low distortion, and uniform directional control. The high-frequency section includes a 1-inch metal dome tweeter on a 100-degree constant-directivity horn. The low/ mid-frequency section comprises two 4-inch cone transducers that work in parallel at low frequencies — delivering a combined acoustic output — with one of the drivers rolling off at higher frequencies to prevent interference in the crossover region. The UP-4XP drivers, manufactured in-house by Meyer Sound, are powered by a three-channel power amplification module (500 W total) that also incorporates an active crossover, driver protection, and frequency and phase correction circuitry. QuickFly mounting options to facilitate overhead and wall mounting include the MUB-UP4 U-bracket and MYA-UP4 cradle-style yoke. Custom colors are also available.

NOTES

¹Recommended maximum operating frequency range. Response depends on loading conditions and room acoustics. ²Measured with music referred to 1 meter.

MM-10



miniature subwoofer

OPERATING FREQUENCY RANGE¹

33 Hz – 228 Hz

MAXIMUM PEAK SPL²

123 dB

WEIGHT

27 lbs (12.25 kg)

DIMENSIONS

19" w x 11" h x 12" d

482 mm x 279 mm x 305 mm


MM-10 MINIATURE SUBWOOFER

Designed as a companion to MM-4XP and UP-4XP compact loudspeakers, the MM-10 subwoofer allows system designers to create full-range systems where space limitations are a concern. The bass reflex cabinet houses a single 10-inch driver and a single-channel power amplifier complete with onboard processing, including a crossover, driver protection, and frequency and phase correction. The built-in crossover accepts full-range signals, facilitating basic daisy-chaining for signal distribution, eliminating the need for external crossovers in small setups.

Three versions are offered. The MM-10XP includes either a 5-pin Phoenix connector or sealed 5-pin EN3 connector for receiving balanced audio and DC power from an MPS-488 external power supply. The MM-10AC and MM-10ACX subwoofer models include internal power supplies, XLR-F audio inputs, and locking PowerCon connectors for AC input and looping output (for powering additional units). The MM-10AC also includes a male XLR output for daisy-chaining audio signals, while the MM-10ACX includes onboard DC power and audio routing for driving a pair of MM-4XP miniature loudspeakers, or a single UP-4XP ultracompact loudspeaker

NOTES

¹Recommended maximum operating frequency range. Response depends on loading conditions and room acoustics. ²Measured with music referred to 1 meter.



a single multi-conductor cable
carries both audio and DC power.

MPS POWER SUPPLIES



MPS-488HPe
48V power supply with
EN3 connectors



MPS-488HPp
48V power supply with
Phoenix connectors



MPS-481
48V power supply

MPS-488HP POWER SUPPLY

The MPS-488HP power supply is designed for installations with multiple low-voltage 48V loudspeakers. It receives eight channels of balanced audio from XLR-F inputs and routes the audio, along with 48 V DC power, to the eight output channels. Output connectors are either Phoenix 5-pin or Switchcraft EN3 5-pin. One MPS-488HP can power up to eight MM-4XP units (any version), UP-4XP, or MM-10XP.

MPS-481 POWER SUPPLY

The MPS-481 is designed for powering a single MM-4XP loudspeaker (any version).



**ELGAR ROOM, ROYAL ALBERT HALL
LONDON, ENGLAND**

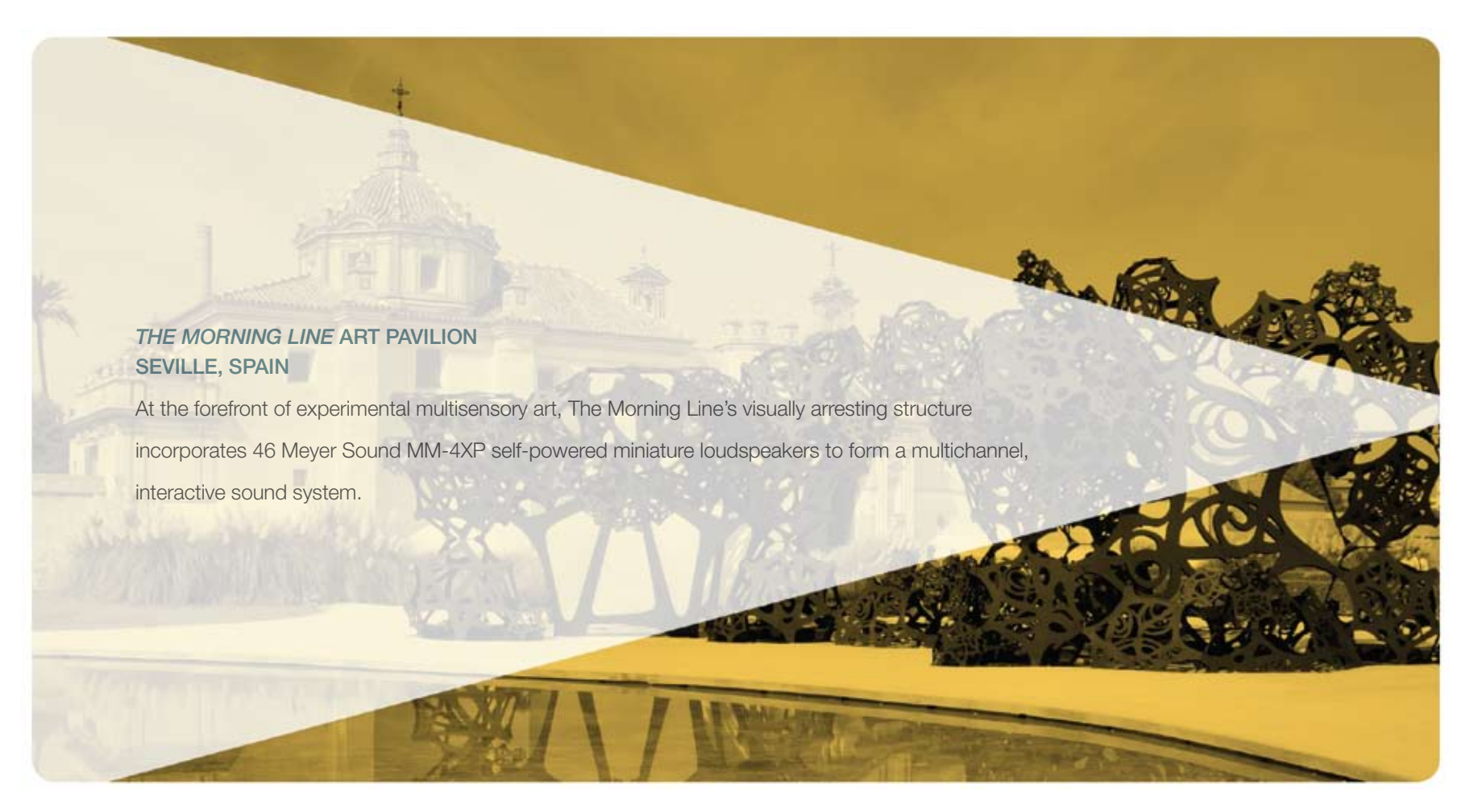
Four UP-4XP loudspeakers proved to be the perfect fit for the elegantly renovated Elgar Room, an intimate 350-capacity performance space within London's venerable Royal Albert Hall.

Photo Credit: Royal Albert Hall

“To have the first set of Meyer UP-4XPs in the UK was a priority for me when I considered the spec, and I am more than happy with the way they sound.”

OLLIE JEFFREY

Senior Technical Manager,
Royal Albert Hall



THE MORNING LINE ART PAVILION
SEVILLE, SPAIN

At the forefront of experimental multisensory art, The Morning Line's visually arresting structure incorporates 46 Meyer Sound MM-4XP self-powered miniature loudspeakers to form a multichannel, interactive sound system.

“It’s extraordinary that you can get such high SPLs from such small drivers. We couldn’t possibly have done this without these [MM-4XP] speakers.”

TONY MYATT

Sound Designer, Music Research
Centre, York University

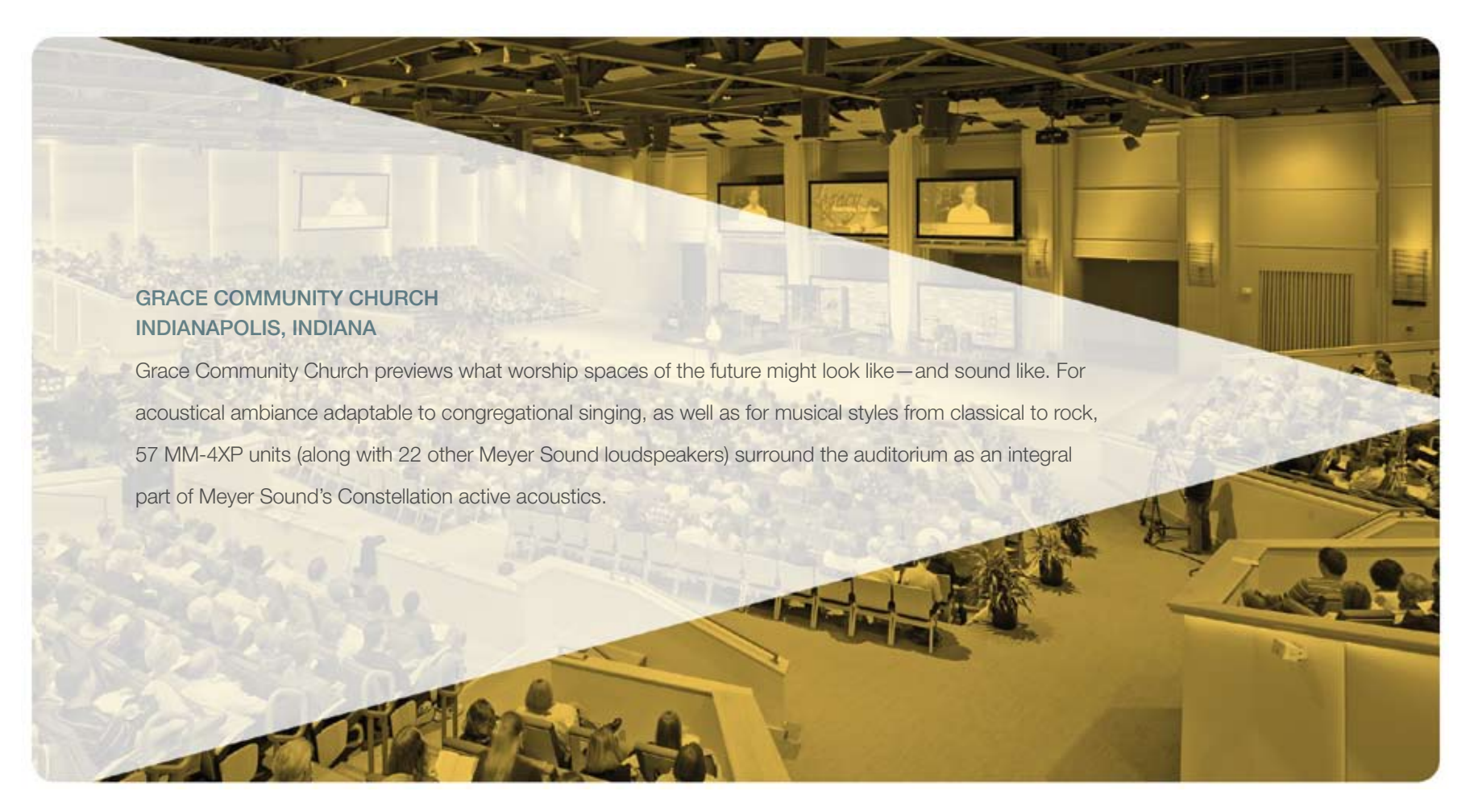


**“WARHOL LIVE” EXHIBITION
MONTREAL, SAN FRANCISCO, PITTSBURGH**

A wide-ranging exploration encompassing the pervasive influence of music on Warhol's art, this retrospective relies on more than 40 self-powered MM-4XP miniature loudspeakers to provide the soundtrack for the show's many exhibits, ranging from single-loudspeaker kiosks to multichannel surround environments.

“Besides sounding great and being exceptionally discreet, [the MM-4XP loudspeakers] meet the need to run for ten hours per day, six days per week, without a problem.”

PHILIPPE WOJTOWICZ
Sound Designer



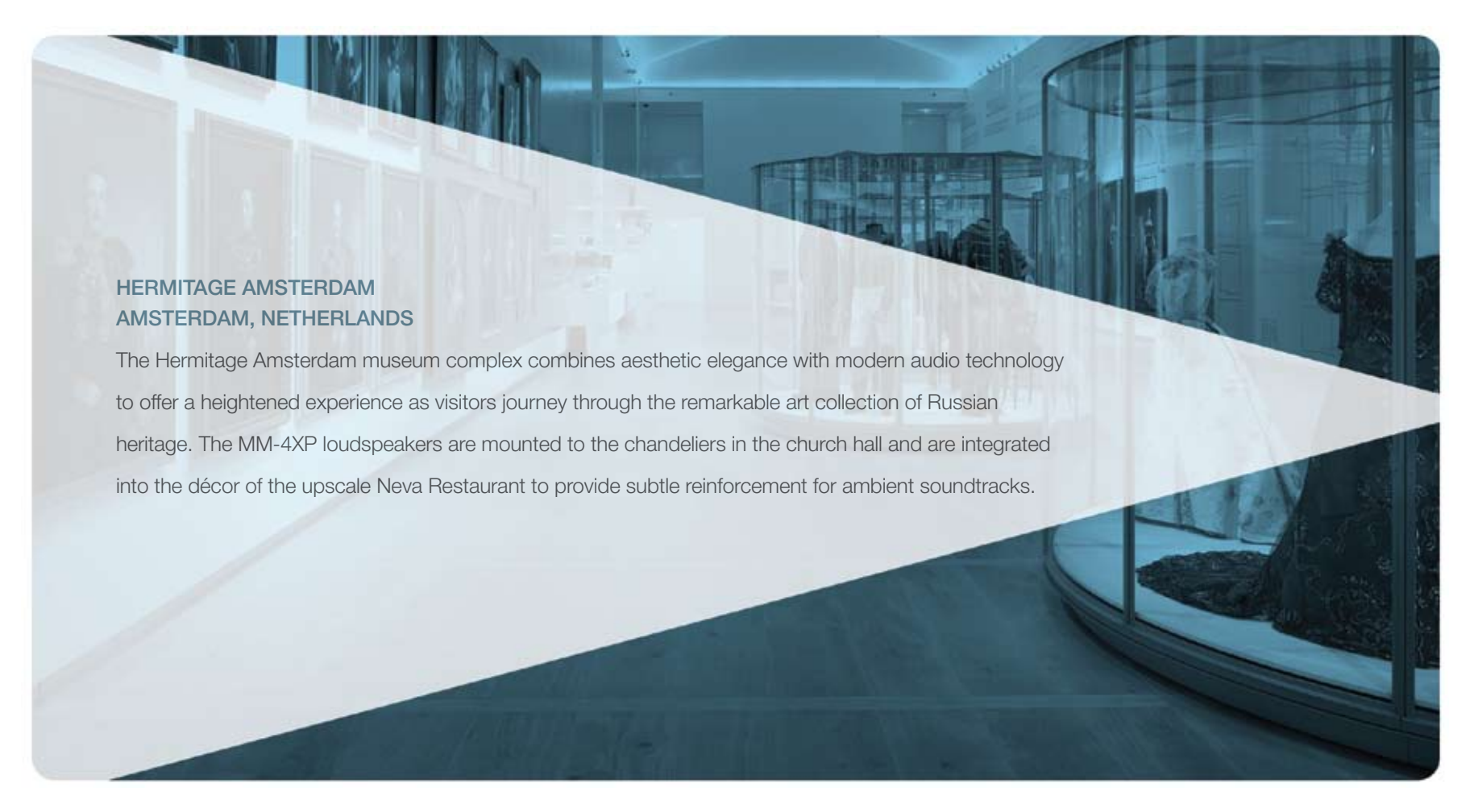
**GRACE COMMUNITY CHURCH
INDIANAPOLIS, INDIANA**

Grace Community Church previews what worship spaces of the future might look like—and sound like. For acoustical ambiance adaptable to congregational singing, as well as for musical styles from classical to rock, 57 MM-4XP units (along with 22 other Meyer Sound loudspeakers) surround the auditorium as an integral part of Meyer Sound's Constellation active acoustics.

“In the future, any time the creative arts team says we want to do this or that with sound, chances are they will be able to do it, thanks in large part to Constellation.”

KEVIN CALLAHAN

Architect and Conceptual
Consultant on AV Design

The background image shows a museum gallery with a curved glass display case containing historical clothing. The lighting is dim and blue-toned. A large, semi-transparent white diagonal shape is overlaid on the image, containing text.

HERMITAGE AMSTERDAM AMSTERDAM, NETHERLANDS

The Hermitage Amsterdam museum complex combines aesthetic elegance with modern audio technology to offer a heightened experience as visitors journey through the remarkable art collection of Russian heritage. The MM-4XP loudspeakers are mounted to the chandeliers in the church hall and are integrated into the décor of the upscale Neva Restaurant to provide subtle reinforcement for ambient soundtracks.

“The Hermitage Amsterdam is far more than a typical museum. Our requirements called for state-of-the-art audio systems in the various rooms, from the study centre and the church hall, to the most challenging of all: the reverberant auditorium. The Meyer Sound system can be easily adapted to meet our specific needs at any given time.”

JULIE VEGTER

Head of Programming,
Hermitage Amsterdam

thinking sound



what will you design?

2832 San Pablo Avenue

Berkeley, CA 94702 USA

T +1 510.486.1166

www.meyersound.com

sales@meyersound.com

18.908.074.01B
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