



ULTRA-X40

Wide Coverage Compact Loudspeaker

Compact self-powered point-source design for high-output portable systems and fixed installations.

110° x 50°

Coverage

Rotatable Constant-Q horn

1950 W

Peak Power

Self-powered Class-D

138 dB

Maximum SPL

Full-range point source

Product Positioning

Compact power and clarity for professional point-source reinforcement.

POSITIONING

ULTRA-X40 is positioned as a high-output, self-powered point-source loudspeaker for applications where compact size, controlled coverage, and professional-grade intelligibility must work together.

PORTABLE AV

Corporate events, road shows, rental systems and temporary reinforcement.

INSTALLED AUDIO

Concert halls, theaters, houses of worship, clubs and auditoriums.

SYSTEM FILL

Front-fill, under-balcony, out-fill and distributed coverage reinforcement.

Core value: strong output, compact footprint, simple AC/audio deployment, and flexible rigging in one self-powered enclosure.



Key Performance

Core product data from official English materials.



56 Hz-19 kHz

Frequency Response

±4 dB

138 dB

Maximum SPL

Peak output

1950 W

Peak Power

Total internal amplifier output

110° x 50°

Coverage

Rotatable Constant-Q horn

2 x 8" + 3"

Driver Format

Dual LF + compression driver

52 lb / 23.6 kg

Weight

Compact install/rental format

Performance summary emphasizes usable bandwidth, peak output capability, and wide horizontal coverage in a compact self-powered enclosure.

Acoustic & Enclosure Design

Driver architecture, enclosure construction and operational durability.

ACOUSTIC PLATFORM

Wide-coverage compact loudspeaker using a concentric-driver architecture with two 8-inch low-frequency cone drivers and one 3-inch diaphragm compression driver.

ROTATABLE HORN

110° x 50° Constant-Q horn supports horizontal or vertical coverage orientation.

SELF-POWERED ELECTRONICS

Three-channel Class-D amplifier, onboard processing and Intelligent AC power supply.

PREMIUM ENCLOSURE

Multi-ply birch enclosure with slightly textured black finish and optional custom color.

PROTECTION & RIGGING

Powder-coated steel grille, 11 integrated M8 points and 35 mm pole mount with M20 thread.



Technical Specifications

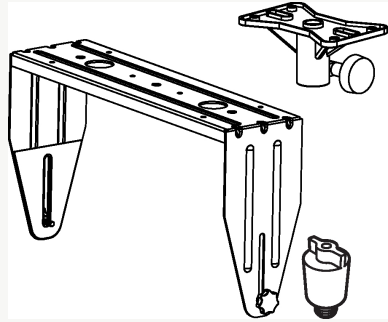
Editable parameter table - unpublished fields are marked clearly.

Product Model	ULTRA-X40
Type	Wide Coverage Compact Loudspeaker / self-powered full-range system
Drivers	Two 8-inch cone LF drivers; one 3-inch diaphragm compression driver
Frequency Response	56 Hz-19 kHz ±4 dB
Rated Power	Not specified in official materials
Peak Power	1950 W peak total output
Sensitivity	Nominal input sensitivity: 0 dBV (1.0 V rms) continuous is typically onset of limiting for noise/music
Maximum SPL	138 dB
Nominal Impedance	LF: 4 Ω each; HF: 8 Ω

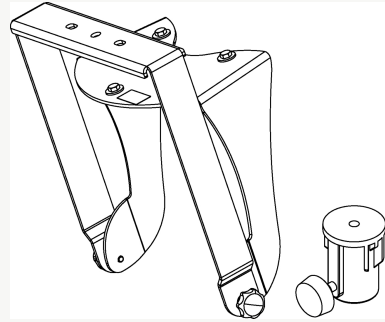
Coverage / Dispersion	110° x 50°, rotatable Constant-Q horn
Enclosure	Premium multi-ply birch, trapezoidal vented enclosure
Finish	Slightly textured black finish; custom color optional
Protective Grille	Powder-coated, round-perforated steel grille
Connectors	XLR 3-pin female input with male loop output; optional 5-pin; powerCON 20 input and loop output
Dimensions	W 12.51 in (318 mm) x H 22.31 in (567 mm) x D 14.00 in (356 mm); D with handles 15.38 in (391 mm)
Weight	52 lb (23.6 kg)
Supplied Fittings	11 integrated M8 threaded points; 35 mm pole mount with M20 thread
Recommended Amplifier	Internal proprietary three-channel Class-D amplifier; no external amplifier specified/required

System Application / Rigging

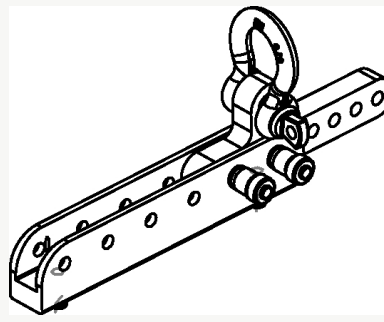
Official rigging accessories support portable and installed configurations.



MYA-X40 Yoke

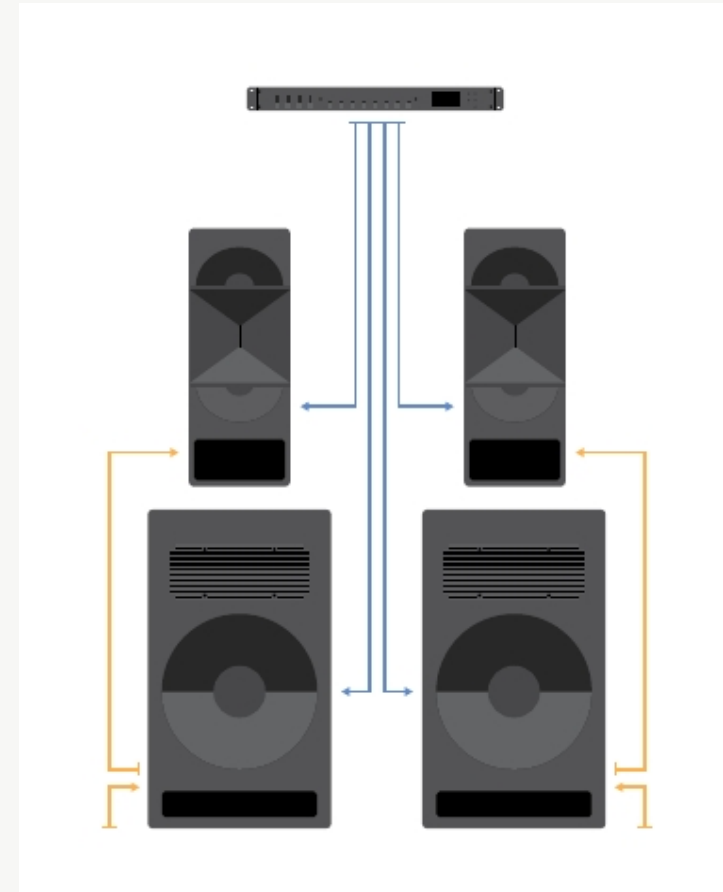


MUB-X40 U-Bracket



MTC-X40 Top Channel

11 integrated M8 rigging points are built into the enclosure.
35 mm pole mount with M20 thread supports stand/subwoofer pole deployment.
Optional bracket, yoke, cluster plate and top-channel accessories enable flexible installation.



Official system example visualization; not a claim of a delivered project case.

Deployment Options

Point-source deployment logic for scalable reinforcement systems.

DEPLOYMENT LOGIC

ULTRA-X40 can operate as a compact main loudspeaker, a fill speaker, or a distributed reinforcement element. When paired with compatible low-frequency control elements, it can support larger full-range systems while retaining compact rigging and AC/audio workflow.

STANDALONE

Single or stereo compact full-range reinforcement.

WITH SUBWOOFERS

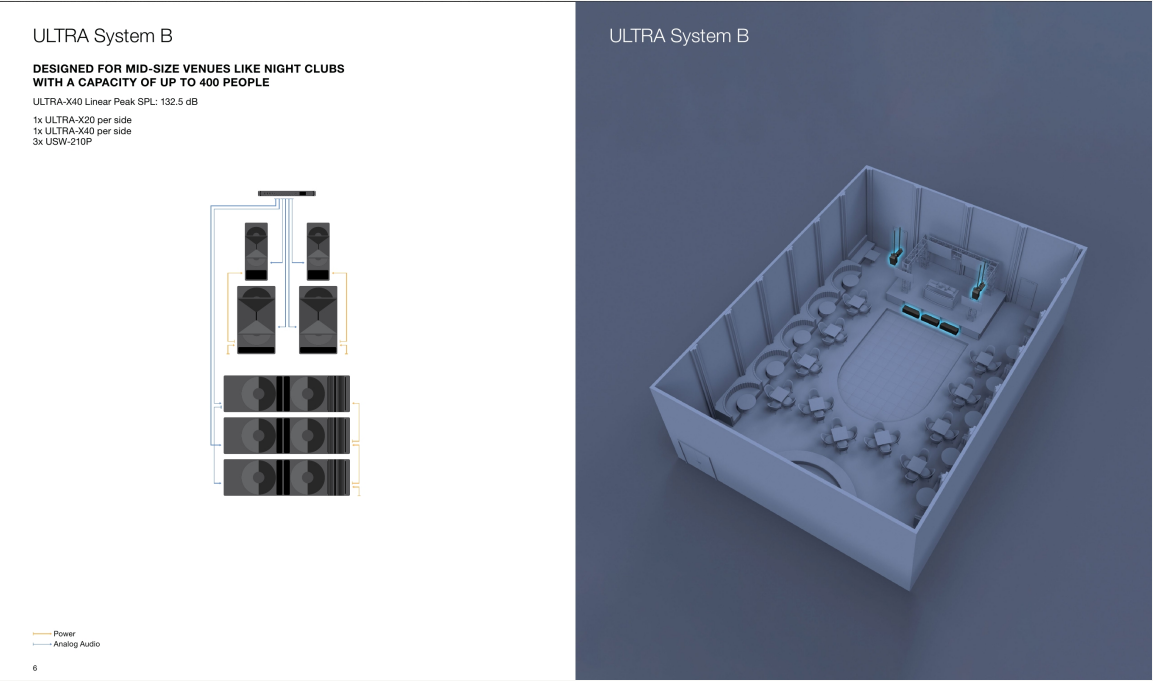
Extended LF support for music and event systems.

FILL / DELAY

Front-fill, side-fill, under-balcony and distributed coverage.

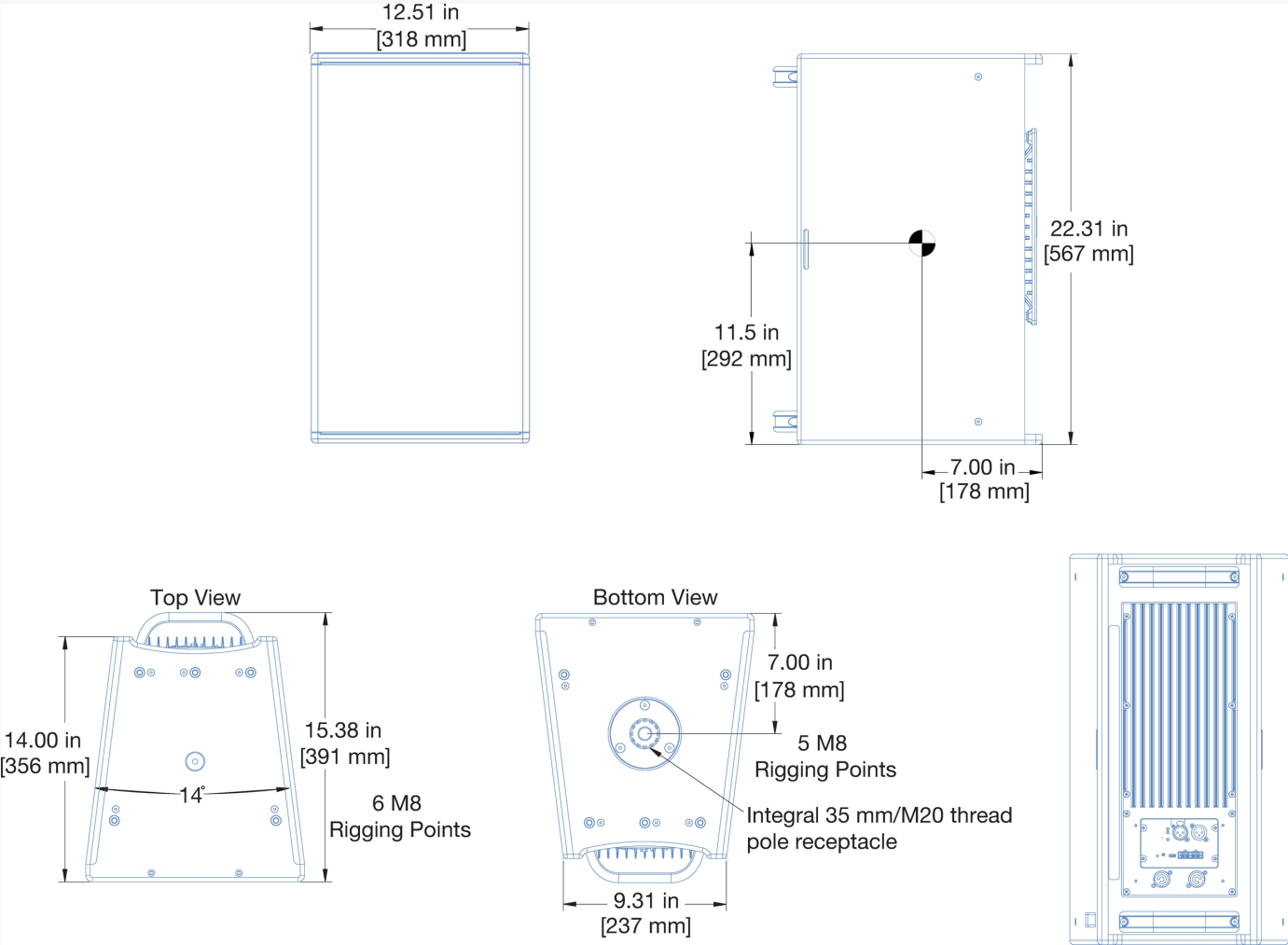
INSTALLED

Brackets, yokes and cluster accessories for fixed venues.



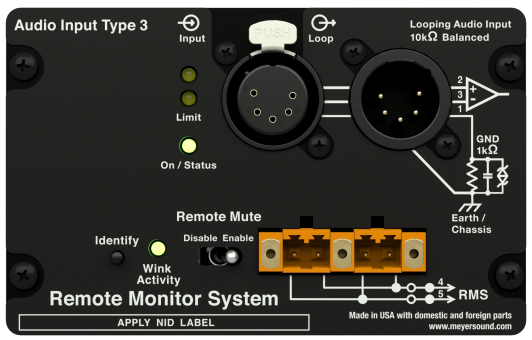
Technical Drawing / Dimensions

Official dimensions and technical drawing reference.



Connections & Hardware Details

Rear panel, AC power loop and input connector detail.



AUDIO INPUT & LOOP

XLR 3-pin input with loop output; optional 5-pin for RMS and remote monitoring workflows.

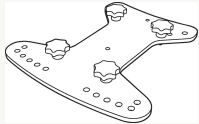


AC & STATUS

powerCON 20 input/loop output, Intelligent AC operation, and clear limit/status indicators.

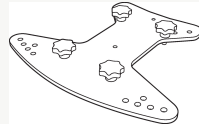
Accessories

Official accessory options for mounting, clustering and pole deployment.



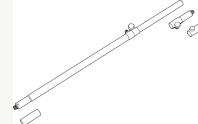
MCP50-X40

50° cluster plate / splay control



MCP70-X40

70° cluster plate / splay control



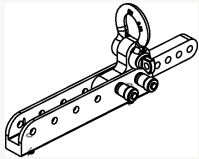
MPK-POLE

35 mm pole kit with M20



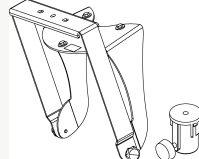
MTB-X40

Top bracket for mounting



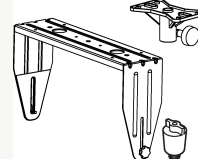
MTC-X40

Top channel kit



MUB-X40

U-bracket for installation



MYA-X40

Yoke for flexible rigging



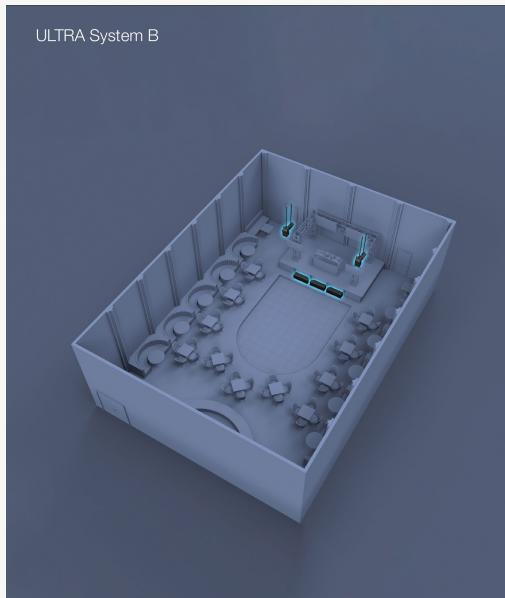
Thread Reducer

M20 to M8 adapter

Accessory compatibility and final rigging method must be confirmed against the current official rigging guide and local safety requirements.

Application Scenarios

Scenario visualization only - not presented as an actual project case.



SCENARIO FIT

Theaters, concert halls and houses of worship requiring clarity and controlled coverage.

Corporate AV, live events and portable reinforcement where compact size matters.

Theme parks, stadium areas, nightclubs and distributed systems needing robust point-source output.

Front-fill, out-fill, under-balcony and delay applications inside larger systems.

IMAGE NOTICE

Images are used as official scenario and system-logic visualization only; they do not claim a specific delivered project case.

Product Summary

ULTRA-X40 / Wide Coverage Compact Loudspeaker



56 Hz-19 kHz

Frequency

±4 dB

138 dB

Max SPL

Peak output

1950 W

Peak Power

Self-powered

110° x 50°

Coverage

Rotatable horn

Designed for professional reinforcement where wide coverage, compact form factor, high output, and flexible installation are all required.