

ULTRA-X80

Versatile Point Source Loudspeaker

Self-powered powerhouse for high-power applications in stadiums, arenas, houses of worship, theaters, live music venues, AV presentations and installations.

140 dBZpk

AES75 Linear Peak SPL

95° × 40°

Coverage Pattern

55 Hz–18 kHz

Operating Range

MILAN CERTIFIED

SELF-POWERED

62.6 KG



PRODUCT DETAIL

Product Positioning

High-output point source performance with flexible installation logic



Pound-for-pound, a powerful point source solution

ULTRA-X80 is positioned as a high-power, compact, self-powered point source loudspeaker for applications that need line-array-level output in a single, easy-to-rig cabinet.

TARGET APPLICATIONS

- Sports arenas and stadiums
- Houses of worship and theaters
- Live music venues and AV presentations
- Permanent installs and rental systems

CORE VALUE

High SPL, controlled coverage, Milan AVB networking and self-powered deployment reduce system complexity while maintaining consistent Meyer Sound sonic character.

Key Performance

Core datasheet values for fast product evaluation



55 Hz – 18 kHz, ±6 dB

Operating Frequency Range

122 dBZ / 140 dBZpk

Maximum Linear Sound Level

62.6 kg / 138 lb

Weight

900 W

Long-term Continuous Power

2400 W

Burst Power

95° horizontal × 40° vertical

Coverage

The X80 combines two 12-inch low-frequency drivers and a 4-inch diaphragm compression driver with a rotatable horn. Analog and Milan AVB digital inputs are provided as standard.

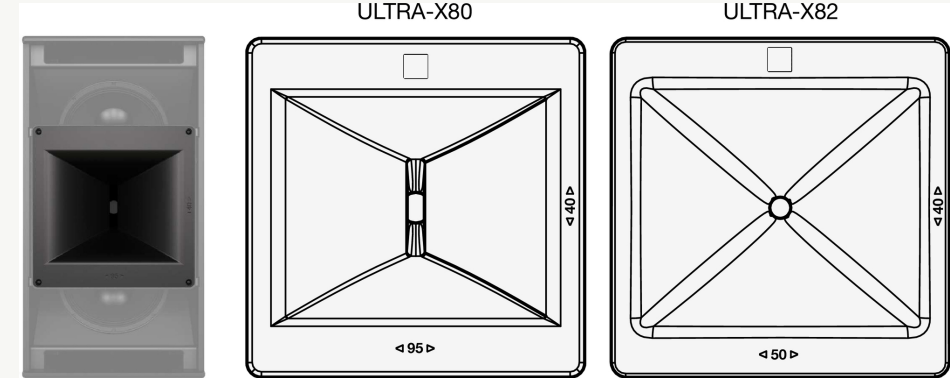
Acoustic & Enclosure Design

Concentric driver architecture, rotatable horn and durable cabinet construction



ACOUSTIC SYSTEM

- Two 12-inch long-excursion cone LF drivers
- One 4-inch diaphragm compression driver
- Rotatable horn supports vertical or horizontal mounting
- ULTRA-X82 variant uses tighter 50° × 40° coverage



ENCLOSURE & PROTECTION

Premium multi-ply birch enclosure with a slightly textured black finish. Powder-coated stamped steel grille; OT version adds cabinet treatment and stainless-steel mesh behind the grille.

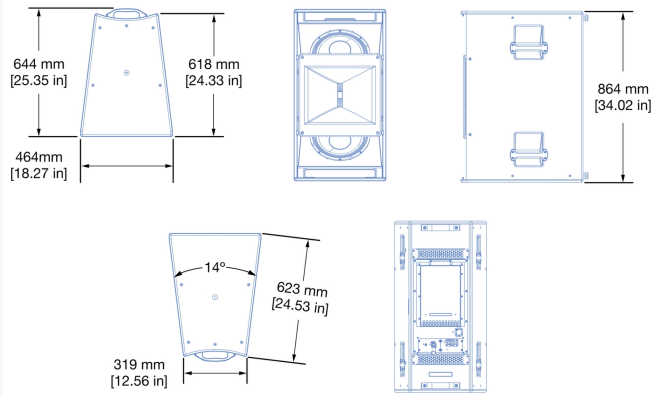
RIGGING POINTS

M8 × 1.25 mm accessory attachment points: six on the top and six on the bottom.

Technical Specifications

Editable specification table based on official English datasheet

Product Model	ULTRA-X80
Type	Versatile point source loudspeaker
Drivers	Two 12-inch long-excursion cone drivers; one 4-inch diaphragm compression driver connected to a rotatable horn
Frequency Response / Range	55 Hz – 18 kHz, ±6 dB
Rated Power	900 W max long-term continuous power (>10 sec)
Peak Power	2400 W burst power (<1 sec)
Sensitivity	Not specified in official materials
Maximum SPL	AES75: 122 dBZ, 140 dBZpk, 119.6 dBA
Nominal Impedance	Not specified in official materials
Coverage / Dispersion	95° horizontal × 40° vertical; rotatable horn
Enclosure	Premium multi-ply birch
Finish	Slightly textured black finish; custom colors available
Protective Grille	Powder-coated, stamped steel; OT version adds stainless-steel mesh behind grille
Connectors	Neutrik powerCON TRUE1 TOP; Neutrik XLR 3-pin TOP analog input and loop output; Neutrik etherCON TOP for AVB/Milan
Dimensions	464 mm front width, 319 mm rear width, 864 mm height, 644 mm depth; 14° trapezoidal side angle
Weight	62.6 kg (138 lb)
Supplied Fittings	Neutrik TRUE1 TOP cable-mount connectors that mate with user panel connectors
Recommended Amplifier	Integrated self-powered Class D amplifier; external amplifier not required



Data fields not provided by official materials are intentionally marked as not specified.

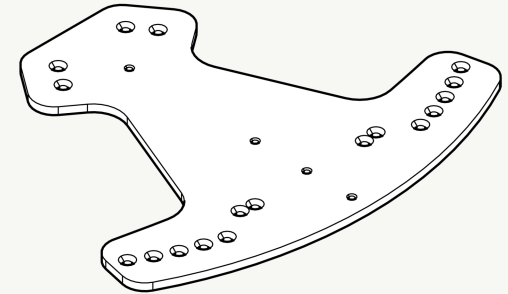
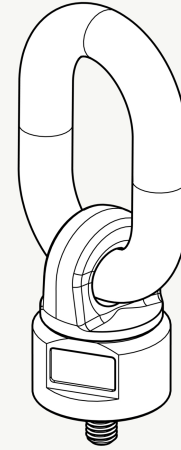
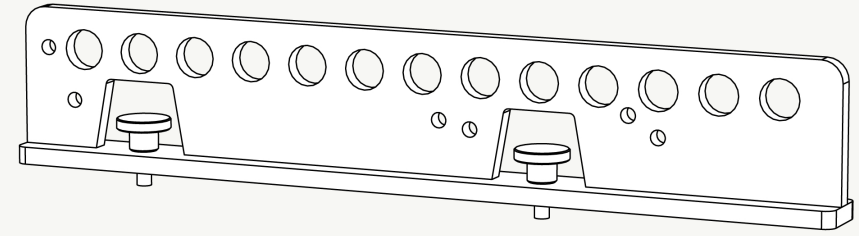
System Application / Rigging

Official rigging accessories for vertical and horizontal deployment



RIGGING LOGIC

Optional yoke and U-bracket accessories enable safe suspension and mounting. M8 top and bottom attachment points support accessory installation and orientation flexibility.

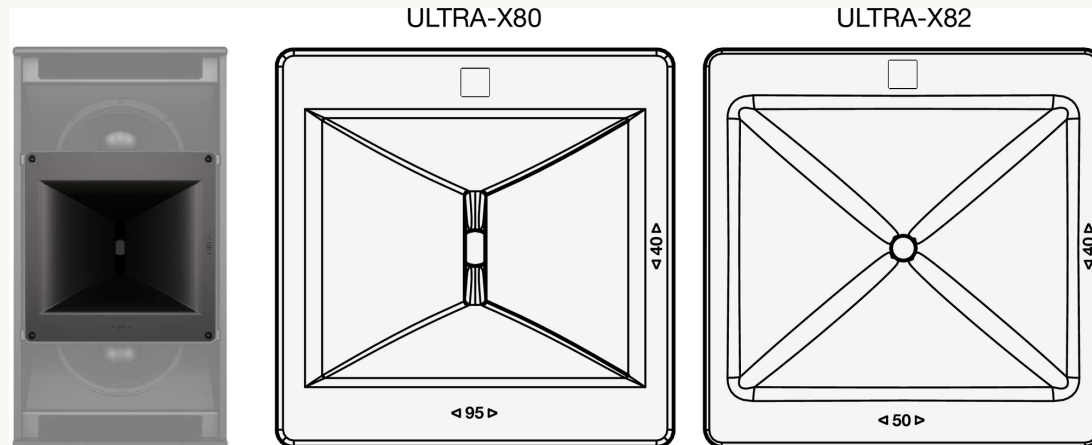


ACCESSORY EXAMPLES

MY-T1 Yoke, MUB-T1 U-Bracket, MHR-T1 Hoist Ring, MRB-T1 Rigging Bar and MCP-T1 Cluster Plate Kit.

Deployment Options

Coverage selection, horizontal/vertical orientation and low-frequency extension



Deployment logic

1. Use ULTRA-X80 when wide 95° horizontal coverage is required.
2. Rotate the horn to maintain coverage in vertical or horizontal cabinet orientation.
3. Use ULTRA-X82 when a tighter 50° pattern is preferred.
4. Deploy with Meyer Sound LFC models when additional low-frequency extension is needed.
5. Manage system prediction with MAPP 3D and telemetry via Nebra software.

95°

Horizontal

40°

Vertical

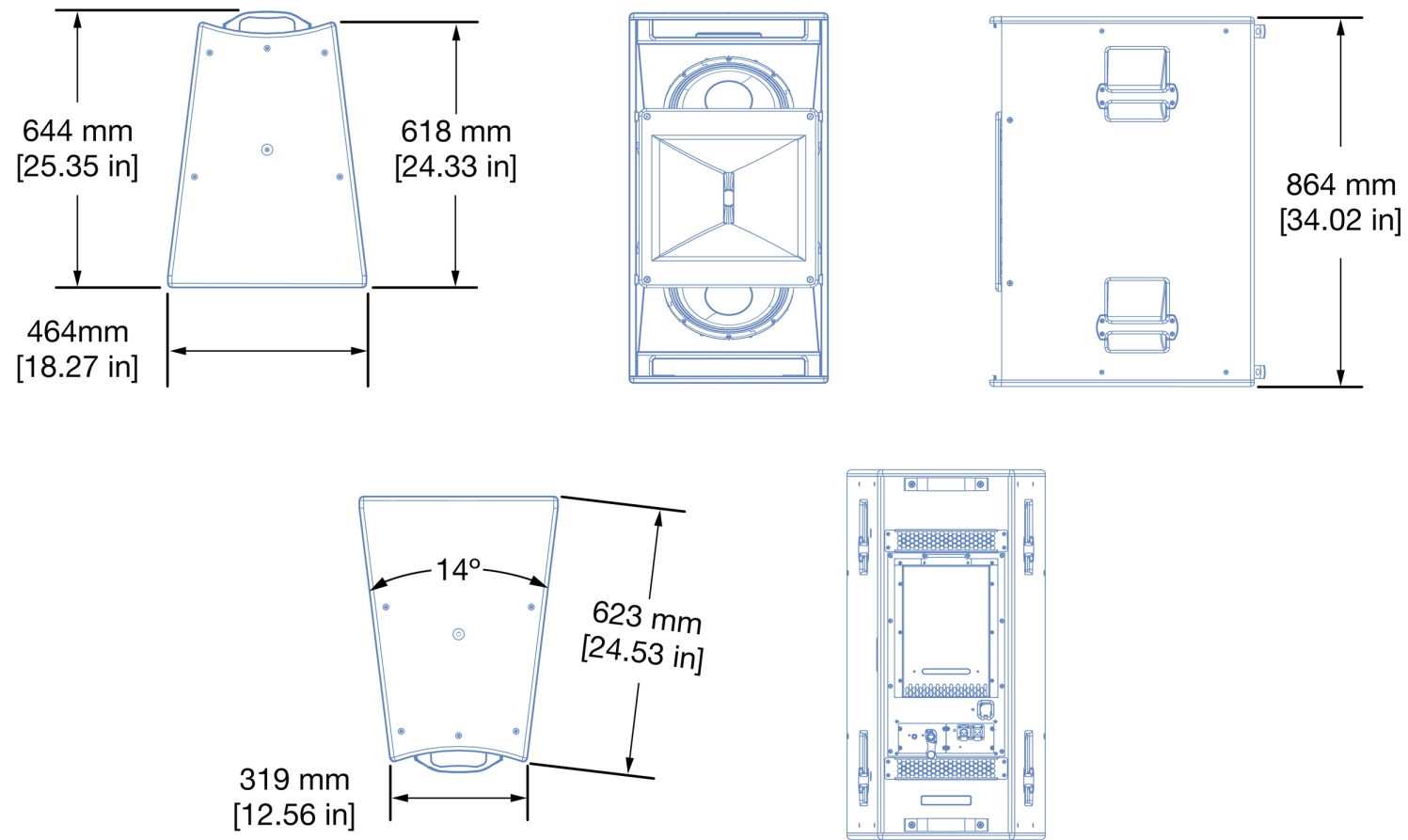
X82 / 50°

Variant

Designed for high-power applications ranging from venues and AV presentations to rental systems and fixed installs.

Technical Drawing / Dimensions

Official dimensions drawing for cabinet planning and installation review



Connections & Hardware Details

User panel, weather-sealed connectors and networked telemetry



powerCON TRUE1 TOP

AC Power

XLR 3-pin TOP

Analog Audio

etherCON TOP

Digital Audio

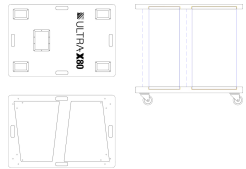
AVB / Milan

Network Format

Analog and digital inputs are provided as standard. Loudspeaker telemetry is transmitted via the Ethernet port and displayed in software.

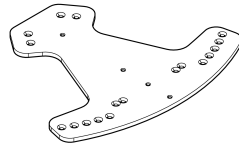
Accessories

Official accessories for transport, mounting, clustering and rigging



MCB-T1 Caster Board Kit

Holds two X80/X82 loudspeakers for transport.



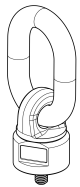
MCP-T1 Cluster Plate Kit

Cluster plate kit including M8 hardware.



MFC-T1 Flight Case

Stores and transports one X80/X82.



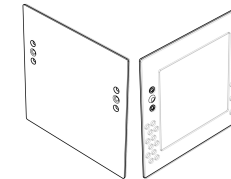
MHR-T1 Hoist Ring Kit

M8 swivel hoist ring connection point.



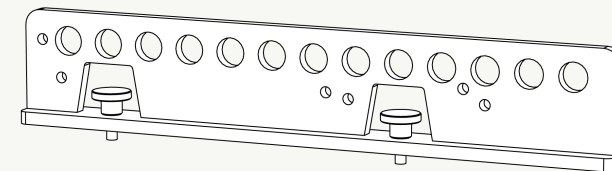
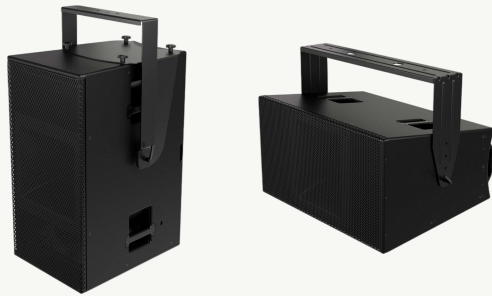
MRB-T1 Rigging Bar

Rigging bar for X80/X82 with M8 hardware.



MHCC-T1 Handle Cup Cover

Single handle cup cover with fasteners.



Application Scenarios

Representative use cases for product presentation; not presented as actual project cases



Live Music Venues

High-output point source reinforcement for mid-to-large rooms.

Theaters & Worship

Controlled coverage and strong intelligibility for speech and music.

Sports Venues

Distributed or focused reinforcement with Milan AVB transport.

AV / Installations

Self-powered architecture reduces racks, cabling and deployment complexity.

Product Summary

ULTRA-X80 · Versatile Point Source Loudspeaker

A compact, self-powered, Milan-certified point source loudspeaker engineered for high-power applications and flexible mounting configurations.

140 dBZpk

Peak SPL

55 Hz–18 kHz

Frequency Range

900 W / 2400 W

Power

62.6 kg

Weight

Official materials reviewed: product page, datasheet, operating instructions and accessory images.



CONTACT AREA

LA SOUNDX® Professional Audio System
Sales / Project Consultation / System Configuration