

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  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 $\times$ 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.

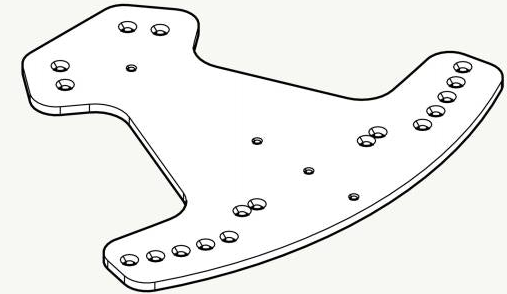
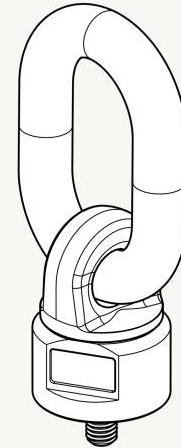
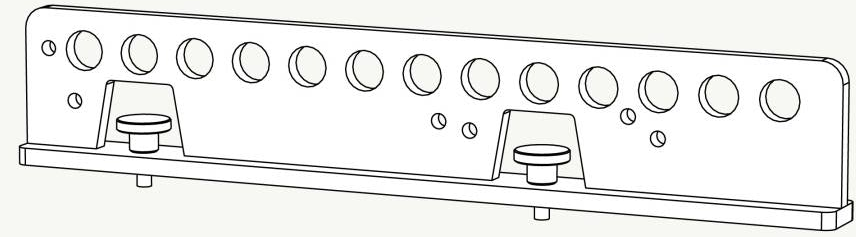
System Application / Rigging

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.

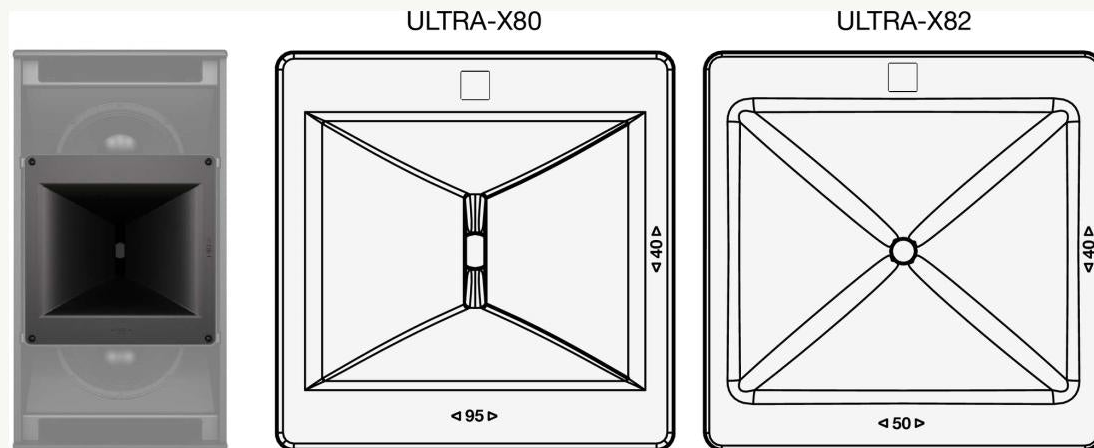


ACCESSORY EXAMPLES

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 LFC models when additional low-frequency extension is needed.
5. Manage system prediction with 3D and telemetry via software.

95°

Horizontal

40°

Vertical

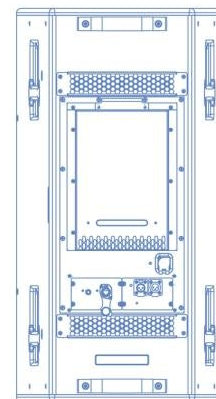
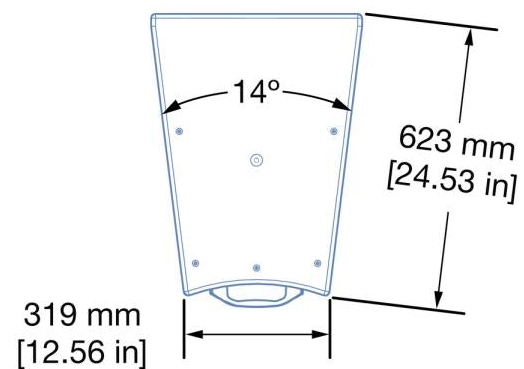
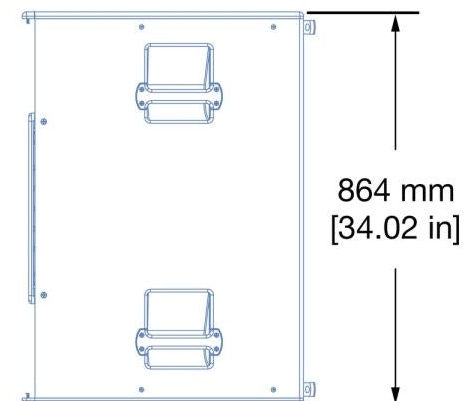
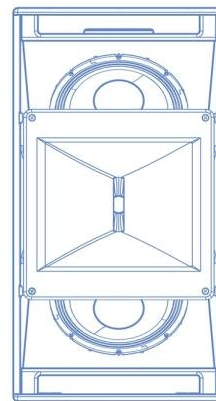
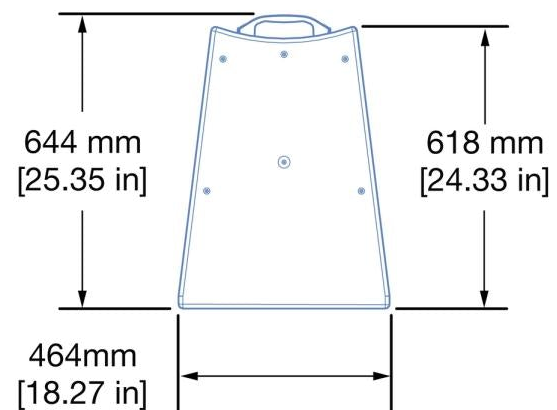
X82 / 50°

Variant

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

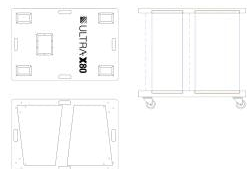
Technical Drawing / Dimensions

Official dimensions drawing for cabinet planning and installation review



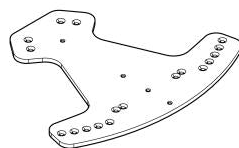
Accessories

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.



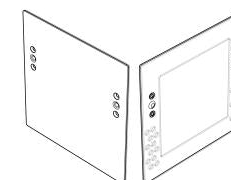
MHR-T1 Hoist Ring Kit

M8 swivel hoist ring connection point.



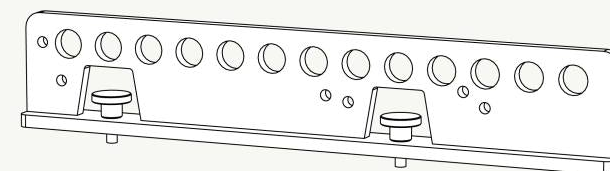
MRB-T1 Rigging Bar

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.