

NXL 44-A MK2

ACTIVE TWO-WAY ARRAY

Compact active array module for sound reinforcement applications requiring high SPL, controlled coverage, and flexible mechanical deployment.

135 dB max SPL

2100 W peak amplifier

100° × 25° coverage

Product Detail Page



Product Positioning

Compact vertical array solution with integrated amplification and professional rigging options.



Core Role	High-output two-way active array speaker for live events, mobile productions, DJs, bands, clubs, and installed systems.
Value	Combines three 10-inch low-frequency transducers, a large-format compression driver, onboard DSP, and a 2100 W peak Class-D amplifier.
Deployment Logic	Usable as a stand-alone cabinet, pole/sub-mounted system, stacked array, or flown system with dedicated accessories.

Positioning note: scenario descriptions are generic product-use contexts only and do not represent official event case photography.

Key Performance

Primary performance values from the latest official English technical specifications.

135 dB

Maximum SPL @ 1 m

2100 W

Total peak amplifier power

45 Hz-20 kHz

Frequency response

100° x 25°

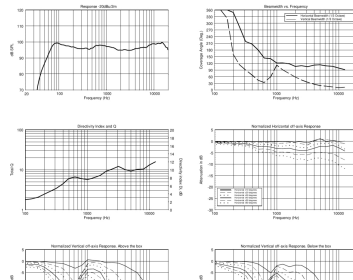
Horizontal x vertical coverage

3x10" + 1.4"

LF / HF transducers

33.4 kg

Cabinet weight



DSP platform includes Bass Motion Control and phase-linear FIR processing. Mechanical hardware supports M8 points, Quick Lock pins, handles, and a 35 mm pole mount.



Acoustic & Enclosure Design

Vertical line-source inspired enclosure with integrated control, protection, and flexible mechanics.



Transducer layout

Three 10-inch neodymium woofers support controlled low-mid output; one 1.4-inch neo compression driver with 3-inch voice coil handles HF reproduction.

DSP & protection

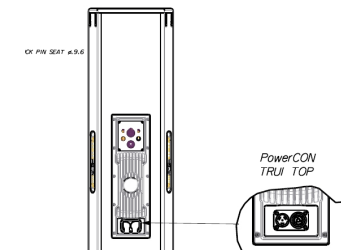
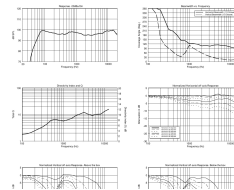
Integrated DSP with crossover, thermal / excursion / RMS protections, and soft limiter control.

Cabinet construction

Baltic birch plywood cabinet, black finish, steel grille, side handles, M8 and Quick Lock rigging hardware.

Power architecture

Convection-cooled Class-D amplifier module; AC connection via PowerCON TRUE1 TOP IN/OUT.



Technical Specifications

Editable table based on the latest official English specifications.

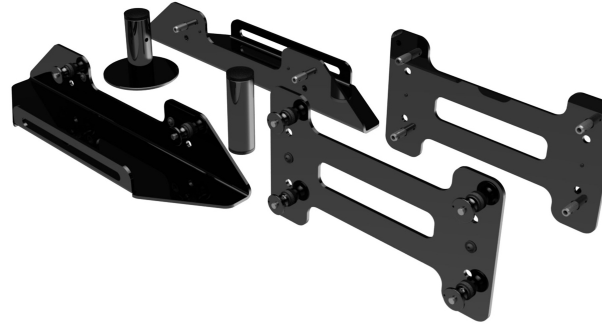
Product Model:	NXL 44-A MK2
Type:	ACTIVE TWO-WAY ARRAY
Drivers:	1 x 1.4" neo compression driver, 3.0" voice coil; 3 x 10" neo woofers, 2.5" voice coil
Frequency Response:	45 Hz - 20000 Hz
Rated Power:	Not specified in official materials
Peak Power:	2100 W total peak; 700 W HF peak; 1400 W LF peak
Sensitivity:	Input sensitivity: -2 dBu / +4 dBu; acoustic sensitivity not specified in official materials
Maximum SPL:	135 dB @ 1 m
Nominal Impedance:	Not specified in official materials
Coverage / Dispersion:	100° horizontal x 25° vertical
Enclosure:	Baltic birch plywood cabinet; 2 side handles; 35 mm pole mount
Finish:	Black
Protective Grille:	Steel grille
Connectors:	Combo XLR/Jack input; XLR output; PowerCON TRUE1 TOP IN/OUT mains connection
Dimensions:	H 1080 mm / 42.52 in; W 297.5 mm / 11.71 in; D 373 mm / 14.69 in
Weight:	33.4 kg / 73.63 lb
Supplied Fittings:	8 x M8; 8 x Quick Lock hardware positions
Recommended Amplifier:	Built-in 2100 W peak Class-D amplifier; external amplifier not specified in official materials

System Application / Rigging

Official accessory hardware supports flown, linked, stacked, and pole-mounted deployments.



FL-B NXL 44
Fly bar for suspended configurations



FL-B LINK NXL 44
Link accessory for coupled / array use



STCK-KIT NXL 44
Stacking kit for supported ground setups

- 8 x M8 and 8 x Quick Lock points are listed in the official mechanical data.
- 35 mm pole mount allows stand or subwoofer pole deployment within rated accessory limits.
- Use certified rigging practice and local safety requirements for suspended systems.

Deployment Options

Four common configuration logics using official speaker and hardware imagery.



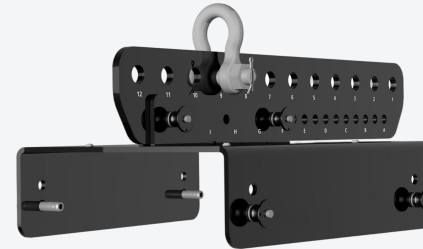
Stand-alone cabinet

Single cabinet for mobile or installed reinforcement.



Pole / sub-mounted

Pole-mount logic using 35 mm mounting interface and compatible pole hardware.



Flown system

Suspended deployment using the dedicated fly-bar accessory.



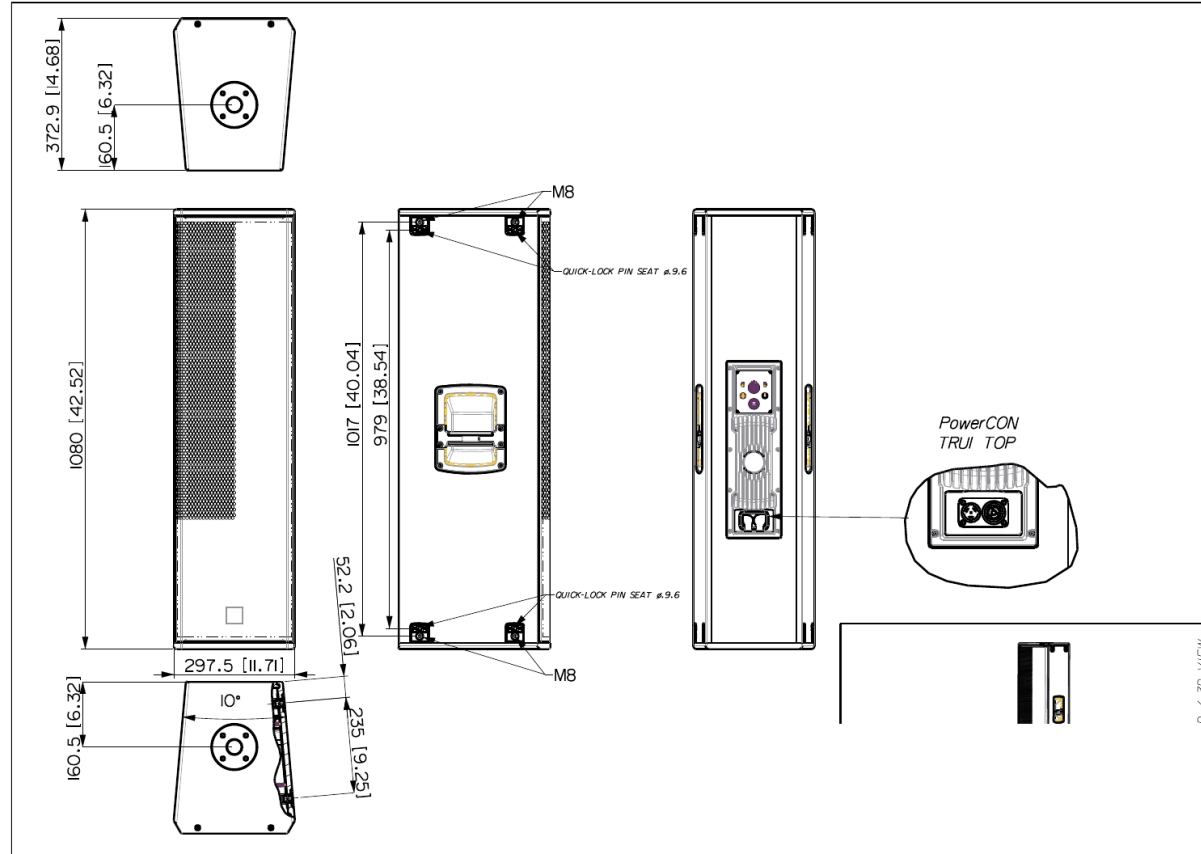
Stacked / linked array

Ground-supported stacking logic using compatible stacking hardware.

3D model files are listed in official downloads; a direct 3D preview image was not available in the accessible official material set.

Technical Drawing / Dimensions

Official dimensional drawing, cropped to the drawing area and kept readable.



1080 mm

Height

297.5 mm

Width

373 mm

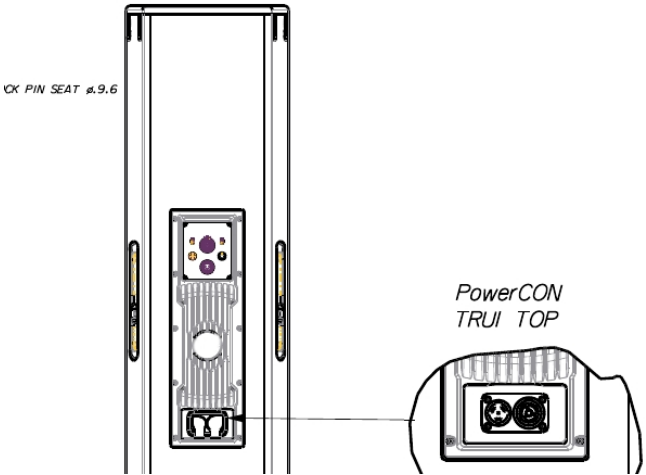
Depth

33.4 kg

Net weight

Connections & Hardware Details

Signal, power, and mechanical details from official specifications and drawing areas.



Signal input Combo XLR / Jack, balanced or unbalanced input signal

Signal output XLR output connector

Mains connection PowerCON TRUE1 TOP IN / OUT

Controls Linear / 2 Speakers / High-Pass presets, Volume

Rigging hardware 8 x M8; 8 x Quick Lock positions

Transport / handling 2 side handles, 35 mm pole mount

Rear panel photo not available in the downloadable official material set used here; connection detail is shown from the official technical drawing and specification data.

Accessories

Official accessory images and compatibility notes from the datasheet accessory list.



AC PRO-FS

Floor stand

Portable stand support



AC PMX

Pole mount accessory

Speakers with 35 mm insert



PM-KIT M20

Pole-mount kit

Subwoofer / pole mounting setup



FL-B NXL 44

Fly bar

Suspended NXL 44 configurations



FL-B LINK NXL 44

Link accessory

Coupled / array use



STCK-KIT NXL 44

Stacking kit

Ground-stacked setups

Other listed accessories: AC PRO-PM — speaker pole mount; HOIST SPACING CHAIN CH 001 — hoist spacing chain; RPR60700 — protection cover, image not available in official materials; AC XLR 3M3F — XLR cable, image not available in official materials.

Application Scenarios

Use-case categories are described without presenting non-official live event images as official cases.



Live music reinforcement

Bands, DJs, and touring rental inventories requiring compact high-output coverage.

Club / venue installs

Permanent or semi-permanent systems where controlled horizontal and vertical pattern helps manage room coverage.

Corporate / event production

Speech, program audio, and music playback with fast deployment and integrated amplification.

Subwoofer-supported systems

Paired with compatible low-frequency systems for full-range event reinforcement.



Product Summary

A compact, high-output active array platform with professional mechanics and integrated amplification.



135 dB

Max SPL

2100 W

Peak power

100° x 25°

Coverage

3x10" + 1.4"

Drivers

Key takeaway

Integrated Class-D power, DSP protection, Baltic birch enclosure, steel grille, and dedicated rigging accessories create a flexible professional sound reinforcement module.

Contact / quotation area