



EXCLUSIVE HIGH
PERFORMANCE
WAVEGUIDE



LIGHT NEODYMIUM
COMPONENTS



MULTIPLE
PRESETS
AVAILABLE



HIGH RESISTANCE
POLYUREA PAINT®



ACCESSORIES FOR
EASY INSTALLATIONS

The flagship of the NITID series: a versatile line array equipped with the exclusive Amate Audio waveguide, ideal for all kind of live events. Our custom rigging design and optimised factory presets ensure a fast and easy deployment of the system. Great sound in a matter of minutes!

KEY FEATURES

TRANSDUCERS TECHNOLOGY

Two-way line array active speaker system composed by two direct radiating 2,5-inch voice coil, neodymium magnet 8" loudspeakers and two 1,75-inch voice coil diameter, PEN diaphragm, neodymium magnet compression drivers coupled to a 110° x 11° exclusive high performance aluminium waveguide.

AMPLIFICATION

Each N208 system is constructed in multiples of two modules: one active unit N208, which includes the amplification and the digital signal processor (DSP) and one passive unit N208P, which is driven by the N208.

1500 W 3rd generation Class D built-in amplifier controlled by a dedicated DSP.

90% efficiency amplifier SMPS (switching mode power supply), allowing maximum power delivery with minimum consumption in an extremely low-weight and reduced size.

Rear connections and control panel with LCD screen to display the different settings, presets, volume and adjustments done by the user. Our SensitiveTouch® capacitive sensor keypad guarantees the reliability of the system even under humidity and extreme weather conditions.

Double PowerCon® (input & link).

DSP & CONTROL

Internal DSP with all necessary signal processing (crossovers, EQ's, delay, limiter, gain control, mute, input dynamic compressor) as well as several useful presets to adjust N208 to different requirements.

The on-screen output power display helps to easy monitor the system ECO Mode available.

5-band EQ menu with five parametric equalizers.

DESIGN & ACCESSORIES

Ergonomic handles for an easy handling.

1.5mm speaker grilles with black mesh, exclusively designed with an optimum perforation gradient and attractive appearance.

Multilayer birch plywood cabinet with Polyurea® coating, offering maximum reliability and strength for touring as well as for high demanding applications.

Several accessories allow easy flying and stacking.

TECHNICAL FEATURES

Amplifier (program)	1000 W (LF) + 500 W (HF) – Class D Bi-amplified				
Input Sensitivity	8 dBu – 1.94 V				
Input Impedance	20 kΩ Balanced				
Maximum input level	20 dBu				
Mains	Universal Switch Mode Power Supply 85-265 V / 45-65 Hz				
Average current draw	2.1 A (Heavy duty musical program)				
SPL (1 m)	129 dB continuous musical program, 132 dB peak				
Built-in DSP	48-bit. Includes factory presets				
AD/DA converters	24 bit – 48 kHz				
Standby mode consumption	< 5 W				
Adjustable delay line	118 ms / 40 m				
Crossover frequency	1k1Hz				
Frequency response (-10 dB)	78 Hz - 18 kHz				
Components	<table border="0"> <tr> <td>LF - MF</td> <td>2x 8" neodymium woofers (2.5" voice coil)</td> </tr> <tr> <td>HF</td> <td>2x 1.75" PEN diaphragm, neodymium magnet compression drivers</td> </tr> </table>	LF - MF	2x 8" neodymium woofers (2.5" voice coil)	HF	2x 1.75" PEN diaphragm, neodymium magnet compression drivers
LF - MF	2x 8" neodymium woofers (2.5" voice coil)				
HF	2x 1.75" PEN diaphragm, neodymium magnet compression drivers				
Directivity (HxV)	110° x 11°				
Directivity factor (Q)	31				
Directivity Index (DI)	15 dB				
Weight	23 kg (N208) / 21 kg (N208P)				
Dimensions (HxWxD)	279 x 684 x 522 mm (no pins included)				
Finish	Multilayer birch plywood with high resistant black Polyurea® coating				
Grille	1.5 mm steel with black acoustic mesh				
Rigging	Stainless-steel integrated rigging bars				
Connectors	1 x XLR input / 1 x XLR link / 1 x AC PowerCon® input / 1 x AC PowerCon® link / 1 x Speakon NL4FX output (N208) / 1 x Speakon NL4MPR input (N208P)				



CONTROL PANEL

Our latest digital signal processing (DSP) is integrated with 3rd generation Class D amplification and operated via our dedicated SensitiveTouch™ keypad technology. With no mechanical components or moving parts, the SensitiveTouch™ capacitive sensor keypad is highly responsive, weatherproof and durable compared with conventional electronic controls and effectively fail-safe. With the SensitiveTouch™ keypad and display, you can set-up the N208 in just seconds.



SIDE VIEW



FRONT VIEW WITHOUT GRILLES

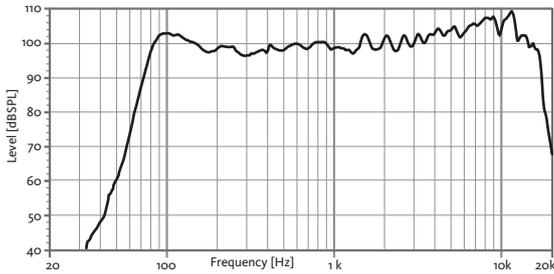


TOP VIEW

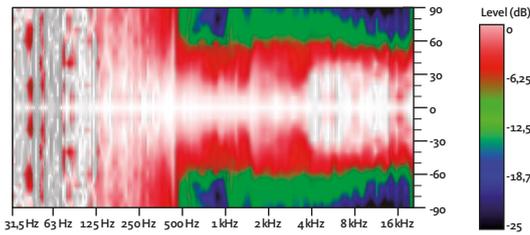


REAR SET VIEW

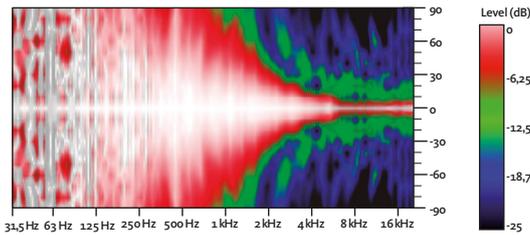
**FREQUENCY RESPONSE 1w/1m
(4BOX_FR PRESET) ONE CABINET**



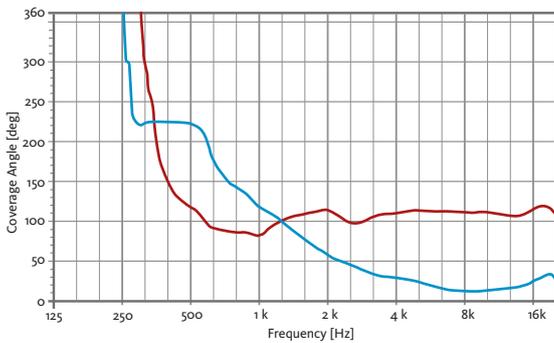
HORIZONTAL COVERAGE



VERTICAL COVERAGE

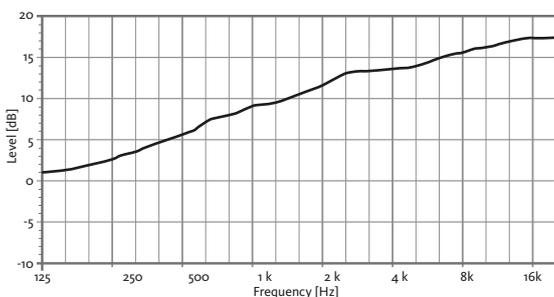


HORIZONTAL & VERTICAL BEAMWIDTH (-6dB point)



HORIZONTAL VERTICAL

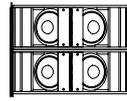
DIRECTIVITY INDEX (DI)



BUILT-IN PRESETS

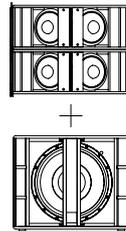
2BOX_FR

For two units N208 without subwoofer



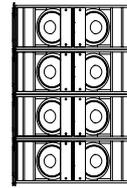
2BOX_SW

For two units N208 with subwoofer



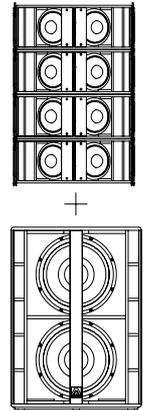
4BOX_FR

For four units N208 without subwoofer



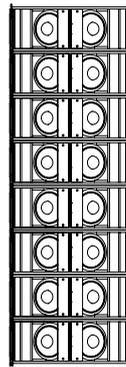
4BOX_SW

For four units N208 with subwoofer



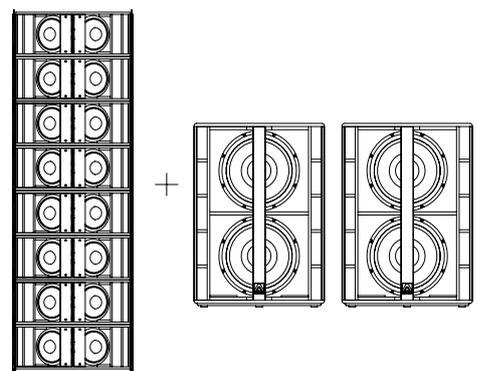
8BOX_FR

For eight units N208 without subwoofer

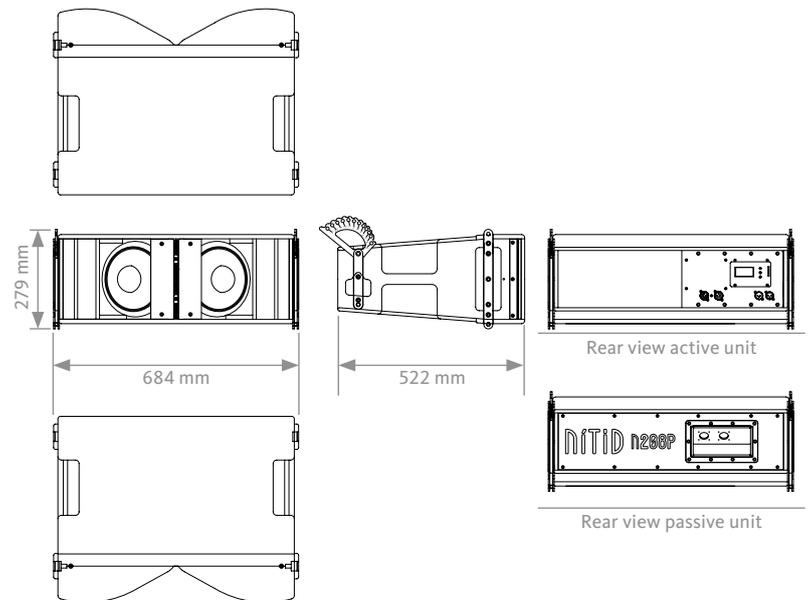


8BOX_SW

For eight units N208 with subwoofer



CAD DRAWING SCHEME



N208

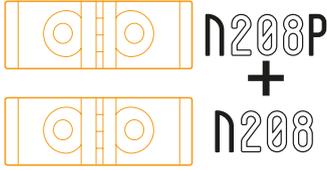
2x 8" TWO-WAY
ACTIVE LINE ARRAY
SPEAKER SYSTEM

NÍTiD



N208 SET

1x N208 (active)
1x N208P (passive)



N208 ACTIVE MODEL

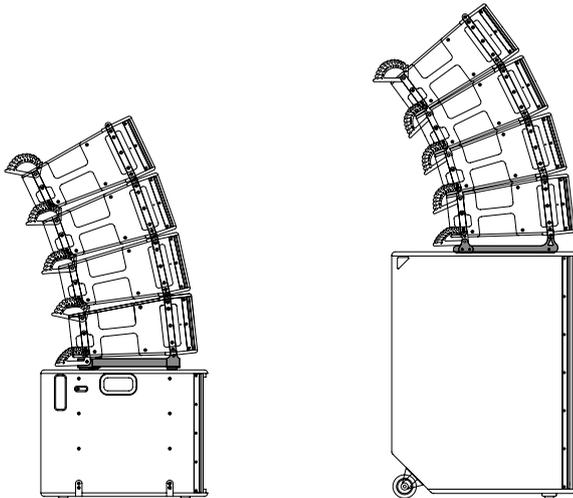


N208P PASSIVE MODEL

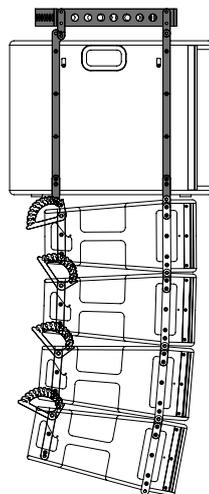
CONNECTION PANEL

STACKING N208 WITH N18W
FR-X18 + FR-X208

STACKING N208 WITH N218W
FR-X208



FLYING N208 WITH N18W
TA-X208R + KR-18T



ACCESSORIES

FLIGHT CASE

FC-N208
for four units of N208



TOURING BUMPER

TA-X208R
for flying N208



STACKING FRAME

FR-X18
for N208 over N18W



STACKING FRAME

FR-X208
for N208 over N218W



DISCOVER NÍTiD

UNIQUE DESIGN

Distinguishing details include the speaker grille, exclusively designed for an attractive appearance, maximum protection, and with **the best perforation coefficient in the market, for improved sound quality.** The Polyurea® finish offers durable protection for the birch-ply cabinet, and electronic circuits and controls are smartly protected against moisture. A wide range of accessories is provided for whatever your application is.



THE PERFECT BALANCE

NÍTiD series is the culmination of an intensive program of research, development and optimization, to achieve the greatest possible power and performance from the most compact sized cabinet. Every aspect of its form factor has resulted from examination and consideration of optimum acoustic response, ergonomics, construction and appearance.



AMAZING PERFORMANCE

The integrated **'plug & play'** active power and control system includes DSP presets for rapid setup and amazing sound, and the comprehensive control interface includes instantly recallable presets for setting up the NÍTiD in just a few seconds. The accurate match between transducers, DSP and amplifiers provide a fully optimized system for the most demanding applications.

