



CARDIOID
PRESETS



MULTIPLE
PRESETS
AVAILABLE



HIGH RESISTANCE
POLYUREA PAINT®



BEST FOR
REDUCED SPACES



HORN LOADED
BAND PASS
DESIGN

The optimum solution for reduced spaces. Precise low-end in a small and compact format, designed to have the best size-to-performance ratio.

KEY FEATURES

TRANSDUCERS TECHNOLOGY

Active subwoofer composed by one 3-inch voice coil, 12" loudspeaker loaded in a band-pass tuned enclosure with laminar ports.

AMPLIFICATION

800 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.

Connectors are placed on an inclined plane to effectively protect them against rain or moisture.

Double PowerCon® (input & link)

DSP & CONTROL

Internal DSP with all necessary signal processing (crossovers, EQ's, delay, limiters, gain control, mute, input dynamic compressor, polarity) as well as several useful presets to adjust N12W to different requirements.

The on-screen output power display and the front NITID backlight help to easy monitor the system.

ECO Mode available.

Cardioid presets available. Plug the subwoofer, choose between several options and get your cardioid configuration in just seconds.

DESIGN & ACCESSORIES

Ergonomic handle for an easy handling.

1.5mm speaker grille 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.

M20 plate socket provided at the top side for full-range enclosure coupling.

TECHNICAL FEATURES

Amplifier (program)	800 W – Class D
Input sensitivity	2 dBu – 1V
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	1 A (Heavy duty musical program)
SPL (1 m)	125 dB continuous musical program, 128 dB peak
Built-in DSP	48-bit processing unit. Includes factory presets
AD/DA converters	24 bit – 48 kHz
Standby mode consumption	< 5 W
Adjustable delay line	118 ms / 40 m
Crossover frequency	80 Hz / 90 Hz / 100 Hz / 110 Hz / 120 Hz
Frequency response (-10 dB)	38 Hz - 140 Hz
Components	12" woofer (3" voice coil)
Directivity (HxV)	Omnidirectional
Directivity factor (Q)	1
Directivity Index (DI)	0 dB
Weight	26.8 kg
Dimensions (HxWxD)	384 x 520 x 552 mm
Finish	Multilayer birch plywood with high resistant black Polyurea® coating
Grille	1.5 mm steel with black acoustic mesh
Rigging	No
Connectors	1 x XLR input / 1x XLR link / 1x AC PowerCon® input / 1x AC PowerCon® link

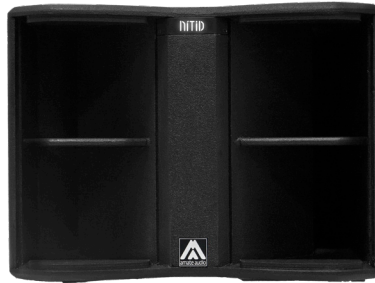


CONTROL PANEL

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 N12W in just seconds.



SIDE VIEW



FRONT VIEW WITHOUT GRILLES



REAR VIEW

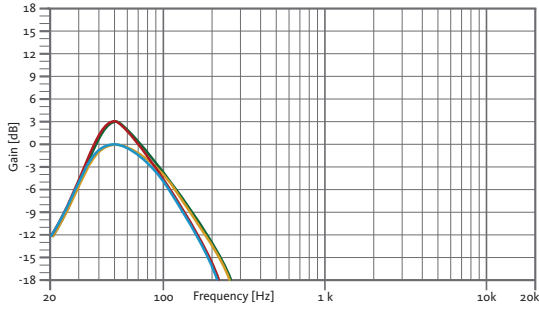


BOTTOM VIEW

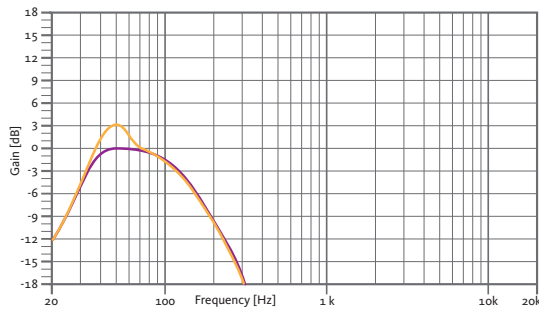
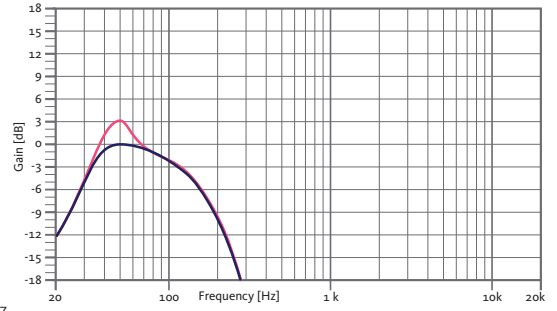


TOP VIEW

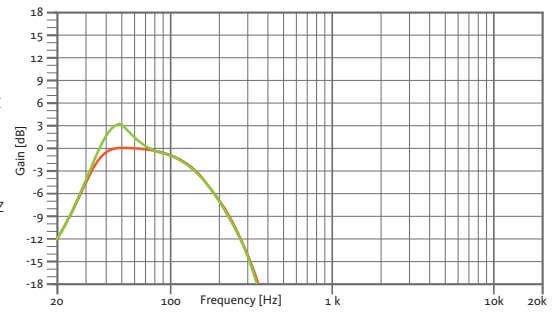
BUILT-IN PRESETS



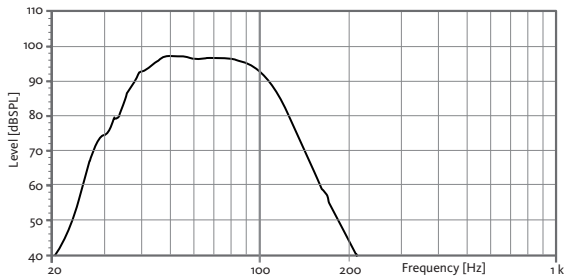
- LPF80**
LPF 80 Hz
- LPF80+3**
LPF 80 Hz + 3dB boost @ 50Hz
- LPF90**
LPF 90 Hz
- LPF90+3**
LPF 90 Hz + 3dB boost @ 50Hz
- LPF100**
LPF 100 Hz
- LPF100+3**
LPF 100 Hz + 3dB boost @ 50Hz



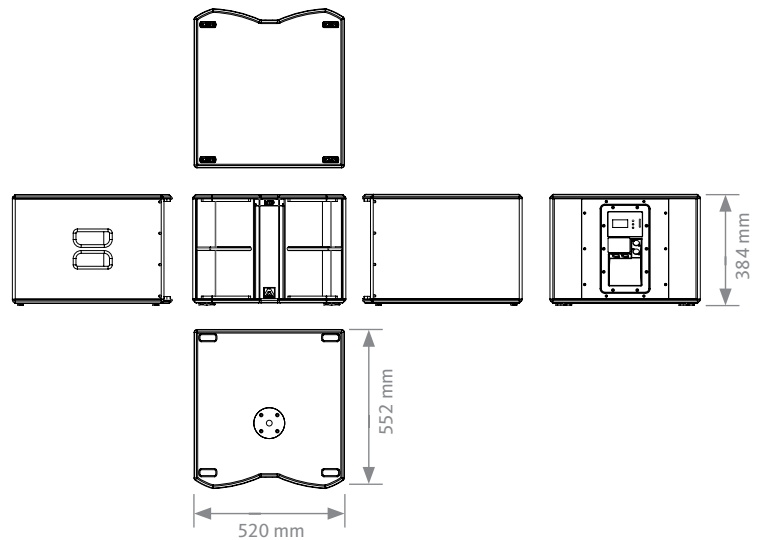
- LPF110**
LPF 110 Hz
- LPF110+3**
LPF 110 Hz + 3dB boost @ 50Hz
- LPF120**
LPF 120 Hz
- LPF120+3**
LPF 120 Hz + 3dB boost @ 50Hz



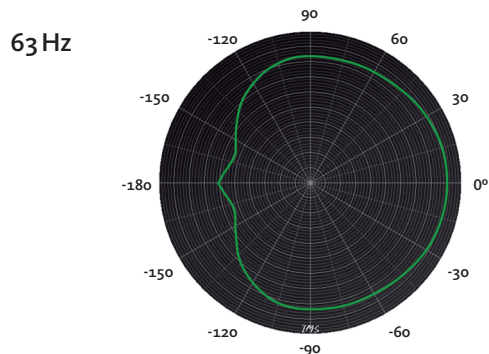
FREQUENCY RESPONSE 1w/1m (LPF90+3 PRESET)



CAD DRAWING SCHEME



EASY CARDIOID CONFIGURATION THROUGH DEDICATED PRESETS



ACCESSORIES

FLIGHT CASE

FC-N12W

for two units of N12W



DISTANCE ROD M20

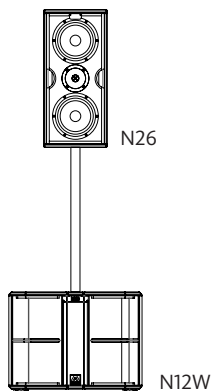
SP-CRTL

ø: 35 mm
Lenght: 55 cm ~ 90 cm
Thread: M20

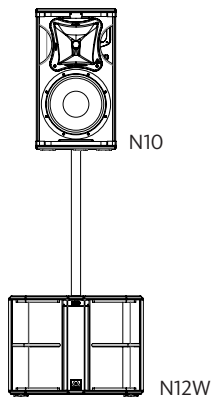


RECOMMENDED SET-UP'S

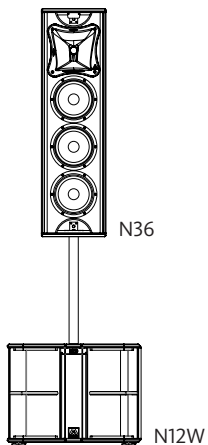
N12W+N26



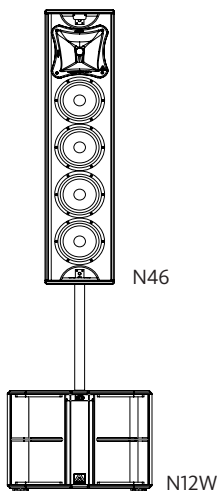
N12W+N10



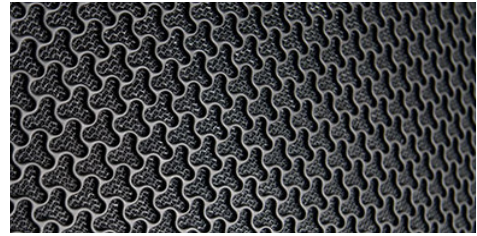
N12W+N36



N12W+N46

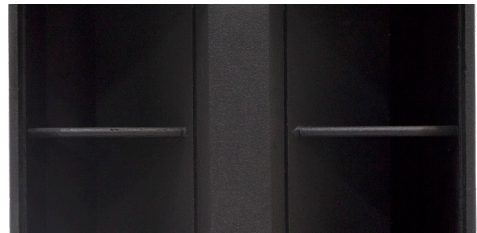


DISCOVER NÍTID



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 Poly-urea® 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.