

#purelynitid



*Great sound
from Barcelona
since 1972*



N46

N36

N26

HIGH PERFORMANCE
COMPACT COLUMN SYSTEMS

N26 N36 N46

The new NÍTID compact, active column series provides full range, high-fidelity signal reproduction with exceptional LF response and power handling, due to custom 6" carbon fiber coned, neodymium drivers. 2x6", 3x6" and 4x6" models provide a range of scalable solutions for different applications and environments.

HIGH PERFORMANCE - COMPACT COLUMN SYSTEMS

NÍTID

NÍTID is a new active system series from Amate Audio that employs the very latest digital amplification and processing technologies, in symbiosis with advanced electroacoustic research, to achieve exceptional performance levels from ultra compact speaker cabinet designs. NÍTID – from the Latin nitidus, meaning bright, glistening or lustrous, and nitere, to shine. The name is an inspiration for our new loudspeaker series that celebrates 45 years of Amate Audio.

A VERSATILE HIGH PERFORMANCE SOLUTION

The NÍTID compact column systems build on the heritage and popular success of previous Amate Audio 6" woofer based designs. The NÍTID series sees the addition, for the first time, of a 3x 6" design. With evolutionary developments in cabinet configuration, DSP control and user interface, these systems comprise a complete high performance column series, offering sonically cohesive, scalable sound solutions for a full range of fixed and portable applications.

Like every NÍTID design, the N26, N36 and N46 systems are 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.

OUTSTANDING PERFORMANCE, INCREDIBLE LOW FREQUENCIES

Key to exceptional sonic performance in a compact column, is the oversize 6" full-range custom driver, with carbon fiber cone, specially developed rubber suspension and neodymium magnets. The ultra powerful lightweight drivers deliver near audiophile levels of signal reproduction with remarkable LF response, at extremely high SPLs. In the N26 they are matched with a 1" titanium diaphragm neodymium tweeter, for high-fidelity reproduction in close proximity music applications. In the N36 and N46, a compression driver is combined with a rotatable asymmetrical horn, for amazing performance in both wide short throw and narrow long throw coverage.

SMART DESIGN

Incredibly easy to handle and to rapidly deploy or install, the integrated 'plug & play' active power and control system includes DSP presets for rapid setup and system configuration, in the minimum amount of time. Amate Audio's universal switch mode power supply enables operation with any mains condition between 85 and 265 V AC.

Distinguishing details include the exclusively designed 1.5 mm thick speaker grilles, providing both robust protection and improved sound quality with the best perforation coefficient in the market. The Polyurea® finish provides durable protection for the birch-ply cabinet, while electronic circuits and controls are smartly protected against moisture. The backlit NÍTID logo can be switched off or switched to indicate when the system is limiting.



LIGHT
NEODYMIUM
COMPONENTS



CARBON
FIBER CONE



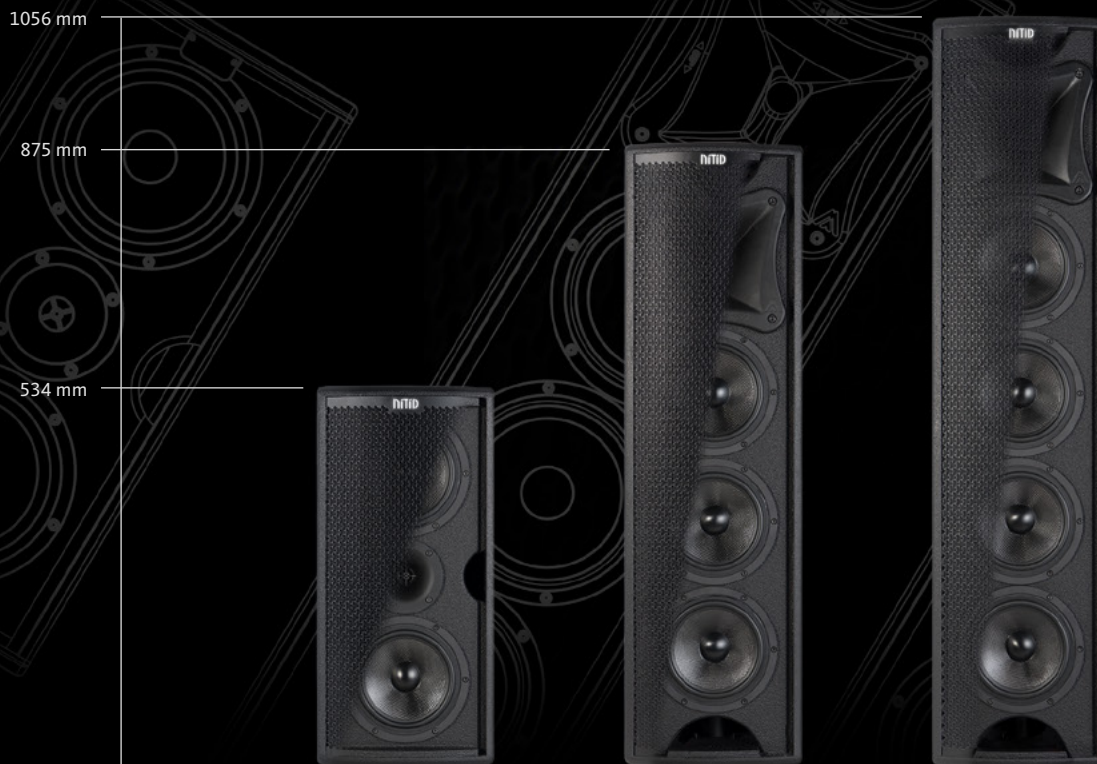
PRESETS
AVAILABLE



HIGH RESISTANT
POLYUREA® PAINT

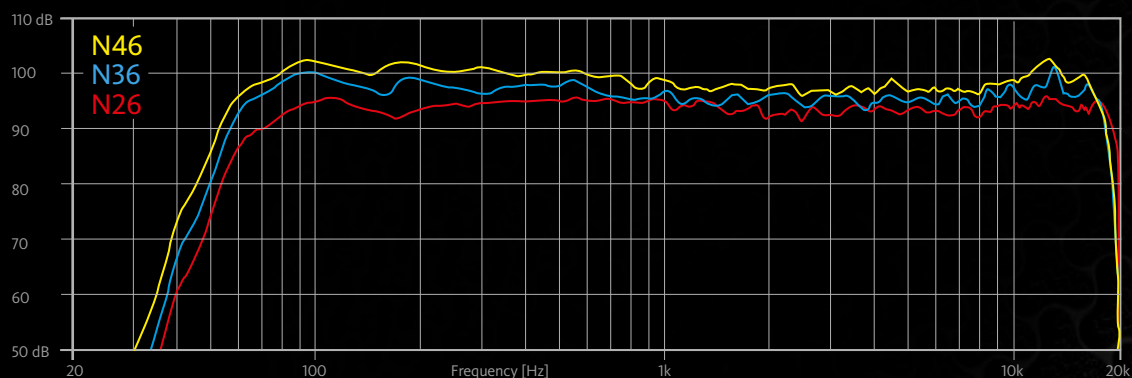


ACCESSORIES
FOR EASY
INSTALLATIONS



FREQUENCY RESPONSE

1W/1m in a 900 m³ anechoic chamber (FLAT PRESET)



N26

N36

N46

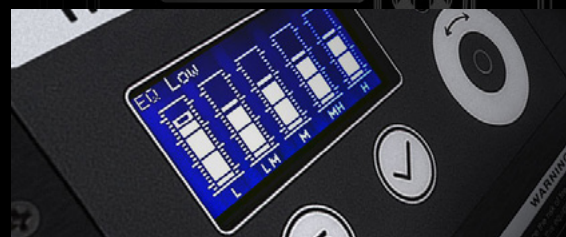
Amplifier (program power)	400 W (LF) + 50 W (HF) Class D Bi-amplified	500 W (LF) + 100 W (HF) Class D Bi-amplified	600 W (LF) + 100 W (HF) Class D Bi-amplified
Input sensitivity	8 dBu - 1.94 V	8 dBu - 1.94 V	8 dBu - 1.94 V
Input impedance	20 kΩ balanced	20 kΩ balanced	20 kΩ balanced
Maximum input level	20 dBu	20 dBu	20 dBu
Mains	Universal Switch Mode Power Supply 85-265 V / 45-65 Hz		
Average current draw	0.7 A (Heavy duty musical program)	0.7 A (Heavy duty musical program)	0.7 A (Heavy duty musical program)
SPL (1m)	121 dB continuous, 124 peak	123 dB continuous, 126 dB peak	125 dB continuous, 128 dB peak
Built-in DSP	48-bit processing unit. Includes factory presets (FLAT, NEARFIELD, LONGTHROW, SPEECH, XOVER)		
AD/DA converters	24 bit - 48 kHz		
Standby mode consumption	< 5 W		
Adjustable delay line	118 ms / 40 m		
Frequency response (-10 dB)	58 Hz - 20 kHz	53 Hz - 19 kHz	50 Hz - 19 kHz
Components	LF-MF 2x 6" neodymium woofers with carbon fiber cone (1.5" voice coil) 1" titanium diaphragm neodymium tweeter	3x 6" neodymium woofers with carbon fiber cone (1.5" voice coil) 1.4" PETP diaphragm driver	4x 6" neodymium woofers with carbon fiber cone (1.5" voice coil) 1.75" PETP diaphragm, neodymium driver
Directivity (HxV)	90° x 70°	50° to 100° x 55° asymmetrical	50° to 100° x 55° asymmetrical
Weight	10 kg	17 kg	19 kg
Dimensions (HxWxD)	534 x 250 x 258 mm	875 x 250 x 258 mm	1056 x 250 x 258 mm
Finish	Multilayer birch plywood with high resistant black Polyurea® coating		
Grille	1.5 mm steel with black acoustic mesh		
Connectors	1x 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 is highly responsive, weatherproof and durable compared with conventional mechanical controls.

The user-friendly interface allows you to setup multiple parameters: a 5-band EQ with fixed Q (Low, Low-Mid, Mid, Mid-High and High), factory presets, independent limiters for low and high frequency channels, delay, ALC (Automatic Loudness Compensation) and many others. You can customize your NÍTID sound in just a few seconds!



NÍTID

Designed and manufactured
in BARCELONA



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from Barcelona
since 1972*

Amate Audio S.L.

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