S6LP

6” TWO-WAY PASSIVE
FULL-RANGE SPEAKER SYSTEM

NÍTID-S

- LIGHT NEODYMIUM COMPONENTS
- CARBON FIBER CONE
- DEDICATED CONTROL PRESETS with external Amate Audio DSP processors & processing amplifiers
- HIGH RESISTANCE POLYUREA® FINISH
- EASY RIGGING & INSTALLATION ACCESSORIES

The most compact system in the NÍTID series. The 6” single woofer and 1” compression driver configuration is housed in an enclosure of minimal dimensions, enabling its application in all kinds of installations that demand the highest sound quality from a loudspeaker system with the most discreet possible form factor.

KEY FEATURES

TRANSDUCER TECHNOLOGY

Two-way full range passive speaker system comprising a direct radiating 1.5-inch voice coil, neodymium magnet 6” loudspeaker and a 1-inch voice coil diameter, PEN diaphragm neodymium magnet compression driver loaded to a 70º x 70º dispersion horn.

POWER & CONTROL

200 W continuous musical program power handling.

An accurate internal passive crossover achieves optimum performance with high levels of protection for the high frequency driver.

Connectors mounted on an inclined recessed moulded connector plate for improved security and environmental protection.

Double Speakon NL4MP® (input & link).

Dedicated control presets available with Amate Audio LMS series DSP processors and TPD series processing amplifiers.

DESIGN & ACCESSORIES

Exclusive 1.5mm black mesh speaker grille with optimum perforation gradient and attractive appearance.

Multilayer birch plywood cabinet with Polyurea® coating, providing maximum robustness and strength for touring, events production, venue installation and other highly demanding applications.

M8 rigging points for easy flying.

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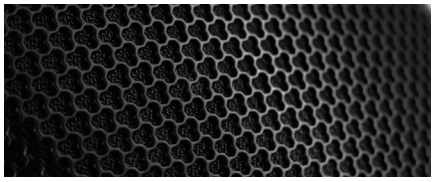
amate audio

TECHNICAL FEATURES

Power (musical program)	200 W
Power (r.m.s)	100 W
Nominal Impedance	8 Ω or 16 Ω available
SPL(1W/1m)	92 dB
Maximum SPL (continuous/1m)	115 dB
Maximum SPL (peak/1m)	118 dB
Crossover frequency	3k Hz
Frequency Response (-10dB)	63 Hz – 20 kHz
Components LF - MF	6” neodymium woofer with carbon fiber cone (1.5” voice coil)
HF	1" PEN diaphragm neodymium magnet compression driver
Directivity (H x V)	70º x 70º
Directivity factor (Q)	12.6
Directivity Index (DI)	11 dB
Weight	6.4 kg
Finish	Multilayer baltic birch plywood with high resistant black Polyurea® coating
Dimensions (H x W x D)	400 x 230 x 250 mm
Grille	1.5 mm powder coated steel with black acoustic mesh
Rigging	M8 points
Connectors	1x Speakon NL4MP input / 1x Speakon NL4MP link
Available colors	Black and white

DISCOVER NÍTID



UNIQUE DESIGN

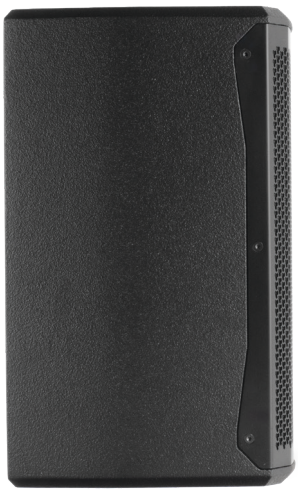
New S-series models build on the success, innovation and best-in-class performance of the original NÍTID designs with improved features including a recessed moulded connector plate, more highly stylised form factor and improved robustness of the world’s most acoustically transparent pro-audio speaker grille.

THE PERFECT BALANCE

An ongoing programme of research and development ensures that NÍTID series loudspeakers continue to achieve the highest levels of output and performance from the most compact sized designs, in an unrivalled synthesis of engineering and aesthetic form.

TOP VIEW

BOTTOM VIEW



SIDE VIEW

FRONT VIEW

REAR VIEW

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NiTiD-S

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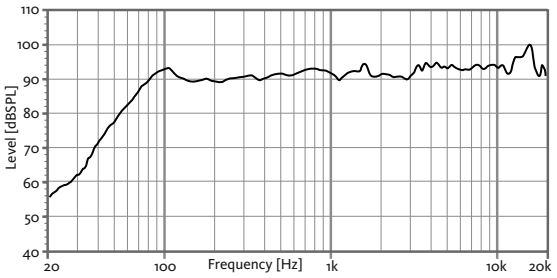
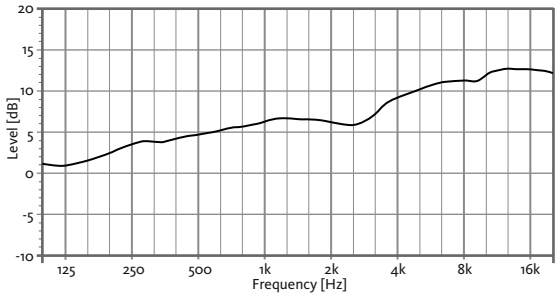
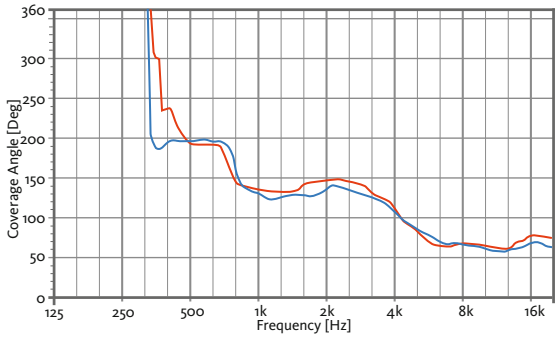
FREQUENCY RESPONSE 1w/1m



DIRECTIVITY INDEX (DI)

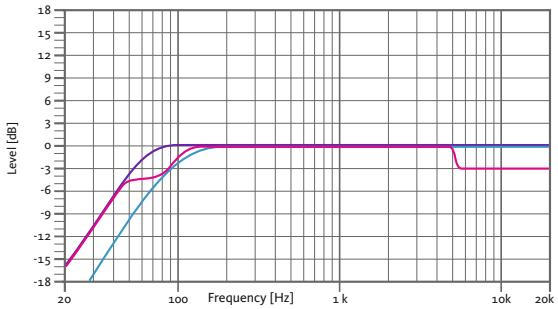


HORIZONTAL & VERTICAL BEAMWIDTH (-6dB point)



HORIZONTAL VERTICAL

RECOMMENDED PRESETS
with external Amate Audio DSP

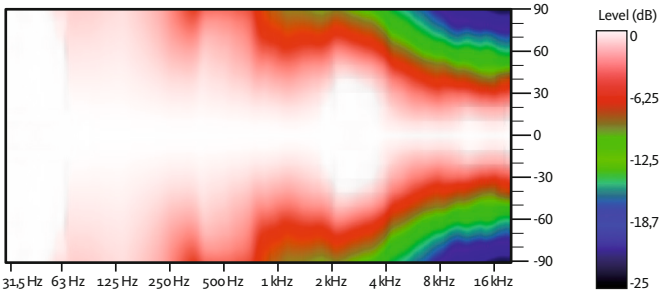


FLAT
Flat response

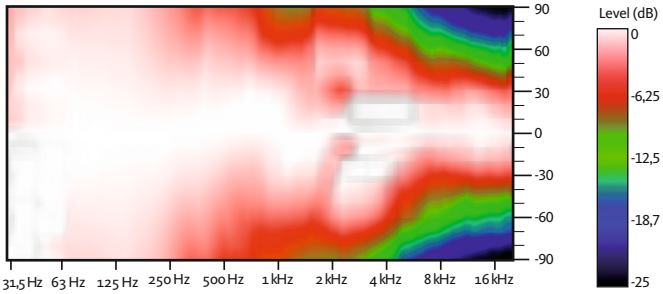
HPF90
HPF 90 Hz

SPEECH
Vocal use

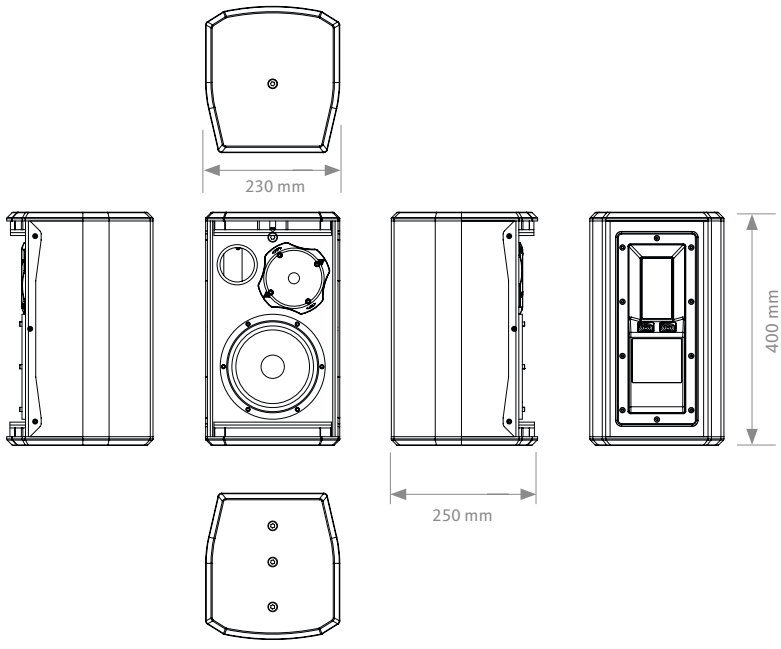
HORIZONTAL COVERAGE



VERTICAL COVERAGE



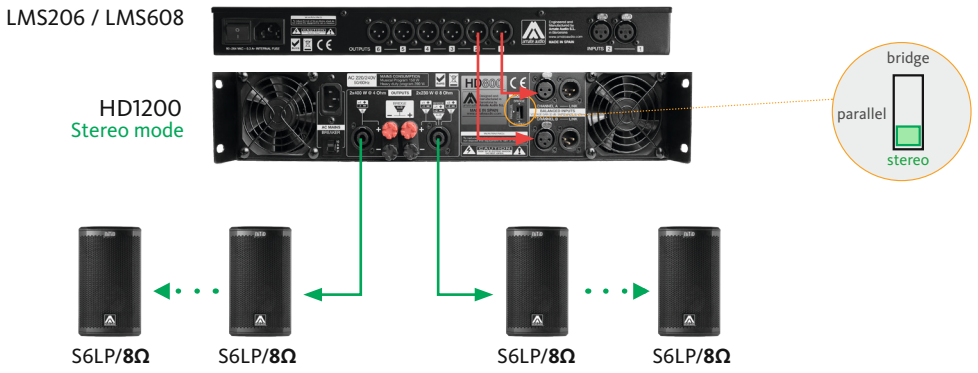
CAD DRAWING SCHEME

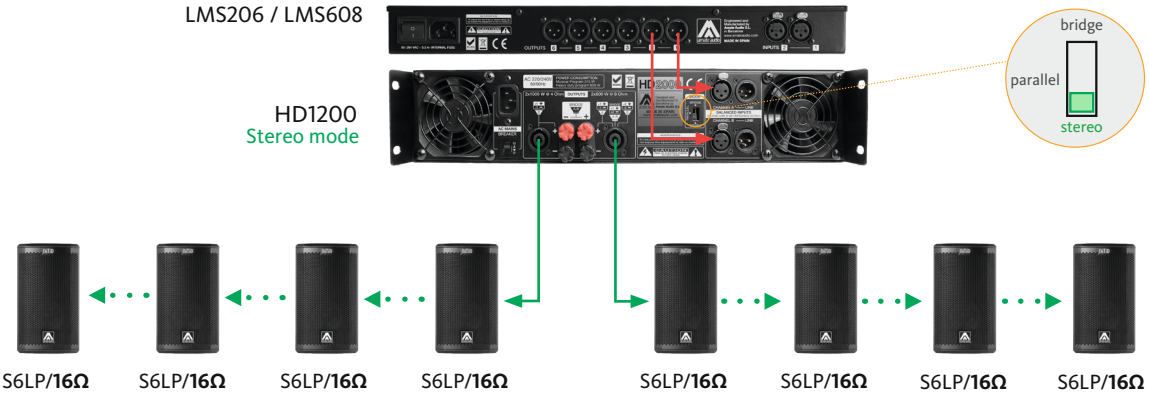


RECOMMENDED CONFIGURATIONS

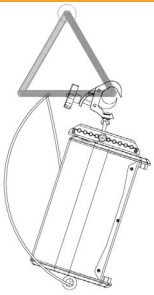
FOR S6LP/8Ω (4 units)
Connect the amplifier's output to the Speakon's input of the first cabinet. Then, make a bridge from the first cabinet to the second one. This configuration allows you to connect up to four cabinets to the same amplifier.

FOR S6LP/16Ω
Connect the amplifier's output to the Speakon's input of the first cabinet. Then, make a bridge from the first cabinet to the second one and thus, sequencially. This configuration allows you to connect up to eight cabinets to the same amplifier.

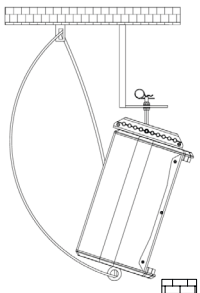


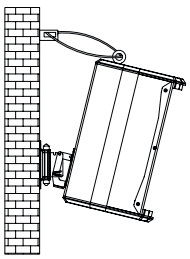


VERTICAL TRUSS-MOUNT
RB-S/GT + SC-15

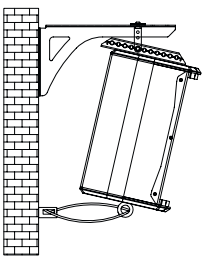


VERTICAL COLUMN-MOUNT
RB-S + SC-15





VERTICAL WALL-MOUNT
SP-6N + SC-15



VERTICAL WALL-MOUNT
SP-WHR + SC-15

ACCESSORIES

FLYING BAR
RB-S

FLYING BAR WITH HOOK
RB-S/GT

WALL MOUNT BRACKET
SP-6N

SAFETY SLING
SC-15

WALL-MOUNT BRACKET
SP-WHR