

X218D

6800 W
2x 18" PASSIVE
SUBWOOFER

Xcellence



A double 18" direct radiation subwoofer with huge power handling to provide with an extensive performance to the low frequency. Power, definition, punch, the X218D has everything to succeed.

KEY FEATURES

TRANSDUCER TECHNOLOGY

Passive subwoofer composed by two 4.5-inch voice coil, neodymium magnet, last-generation 18" loudspeakers front loaded in a bass-reflex tuned enclosure with laminar ports.

POWER

6800 W continuous power in musical program.

READY FOR THE CLUB... AND BEYOND

Xcellence DISCO series has been carefully designed to deliver a high sound pressure level while keeping a TOP audio quality. A compact design, but yet with great power handling loudspeakers, makes it suitable for all kind of clubs or other venues requiring high performance passive systems.

DESIGN & ACCESSORIES

Unique design in black & grey colour.

Connectors are placed on an inclined plane to increase protection against rain or moisture.

M10 plate socket provided at the top side for full-range enclosure stacking.

Ergonomic handles and wheels for an easy handling.

Baltic birch plywood wooden cabinet with Polyurea® coating, offering maximum reliability and strength for high demanding applications.

LONG-TERM RELIABILITY

We have invested in, and applied, the very best knowledge, materials and technology to deliver the ultimate product. Every detail has been considered, featuring the new steel grille with custom punch hole, smart accessories for a trouble-free installation, and the new double-colour Polyurea® coating, not only do they contribute to an extraordinary look, they also look forward high protection and resilience.

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UNIQUE DESIGN



LIGHT NEODYMIUM COMPONENTS



HIGH RESISTANT POLYUREA® PAINT



WHEELS AVAILABLE FOR HEAVYWEIGHT TRANSPORT



ACCESSORIES FOR EASY INSTALLATIONS



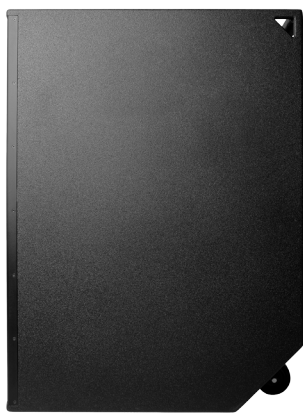
CARDIOID PRESETS AVAILABLE with external Amate Audio amplifier & DSP



MULTIPLE PRESETS AVAILABLE with external Amate Audio amplifier & DSP

TECHNICAL FEATURES

Power (musical program)	6800 W
Power (AES)	3400 W
Nominal impedance	4 Ω
Crossover frequency (recommended)	80 Hz / 90 Hz / 100 Hz / 110 Hz
Frequency range (-10 dB)	28 Hz – 150 Hz (with external DSP)
Directivity (HxV)	Omnidirectional
Directivity factor (Q)	1
Directivity Index (DI)	0 dB
SPL (1W/1m)	101 dB
Maximum SPL (continuous/1 m)	139 dB
Maximum SPL (peak/ 1m)	142 dB
Components LF	2x 18" neodymium woofers (4.5" voice coil)
Weight	99.5 kg
Dimensions (HxWxD)	1046 x 740 x 780 mm
Finish	Multilayer baltic birch plywood with high resistant black & grey Polyurea® coating
Grille	1.5 mm steel
Input connectors	2x NL4MPR Neutrik® Speakon



SIDE VIEW



FRONTAL VIEW WITHOUT GRILLE



REAR VIEW



One person handling thanks to its two rear wheels.

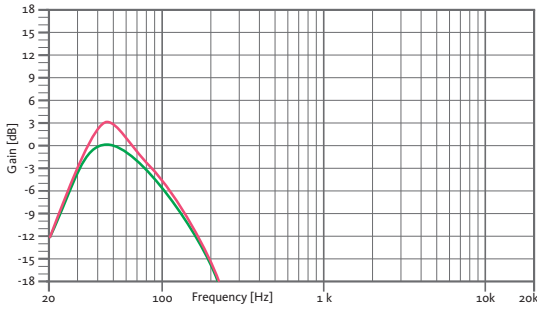


TOP VIEW

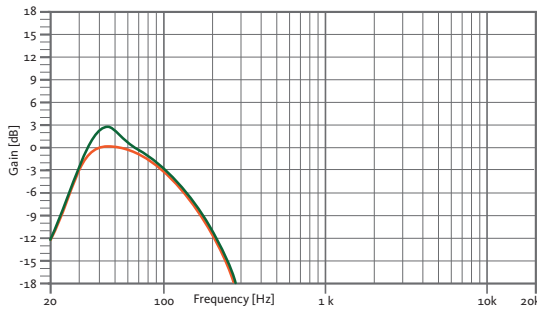
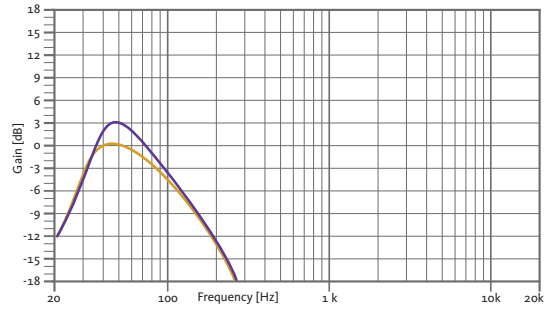


CONNECTION PANEL

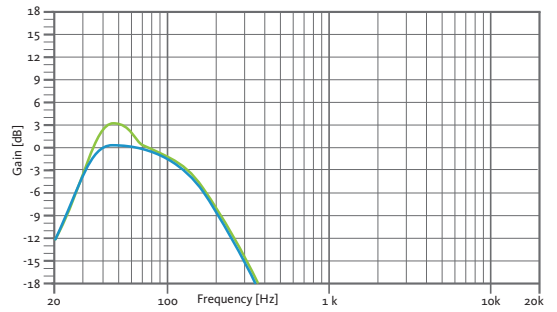
RECOMMENDED PRESETS With external Amate Audio DSP



- LPF80**
LPF 80 Hz
- LPF80+3**
LPF 80 Hz + 3dB boost
- LPF90**
LPF 90 Hz
- LPF90+3**
LPF 90 Hz + 3dB boost

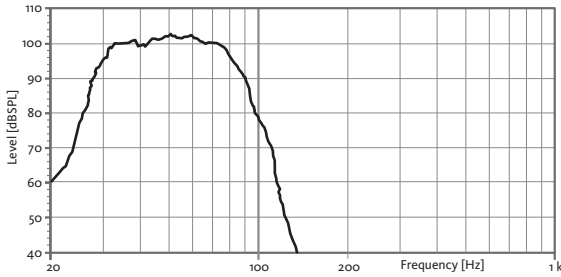


- LPF100**
LPF 100 Hz
- LPF100+3**
LPF 100 Hz + 3dB boost
- LPF110**
LPF 110 Hz
- LPF110+3**
LPF 110 Hz + 3dB boost

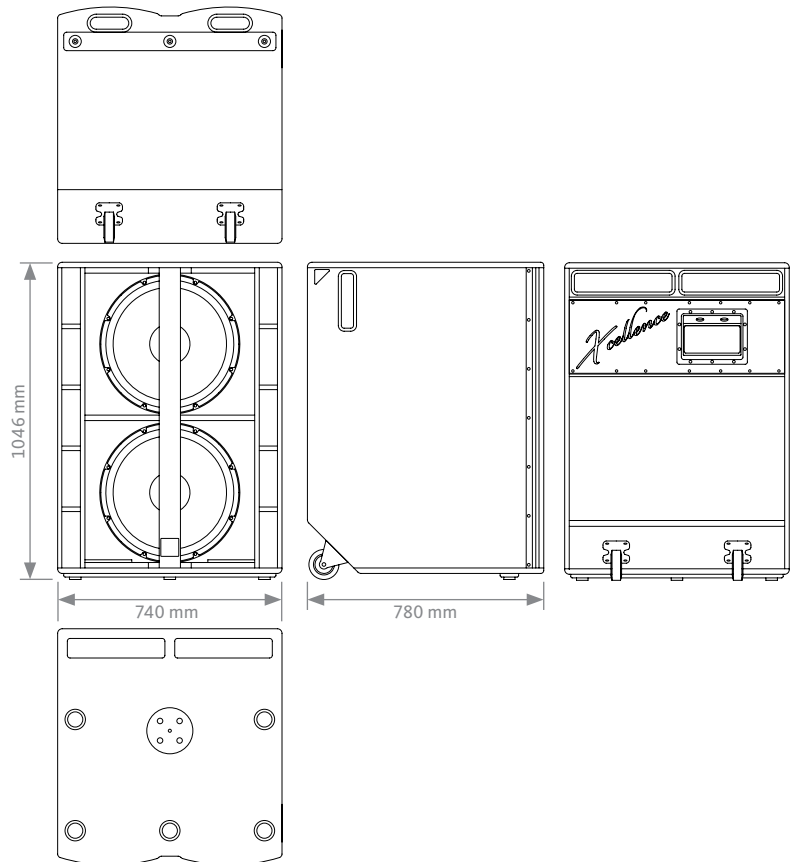


FREQUENCY RESPONSE 1w/1m

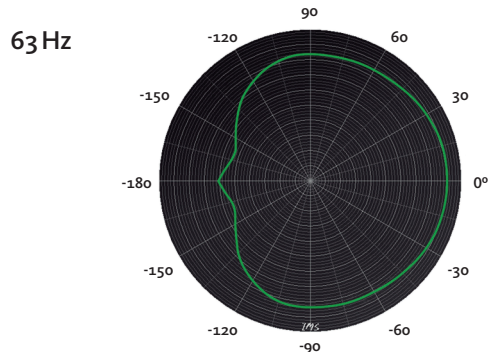
With external Amate Audio DSP & HD4000 Amplifier



CAD DRAWING SCHEME



CARDIOID CONFIGURATION THROUGH AVAILABLE PRESETS



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ACCESSORIES

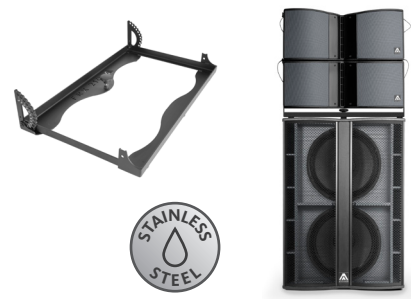
PROTECTIVE COVER NC-X218W
For one unit of X218D



STACKING FRAME FR-X208
For X218D underneath X208

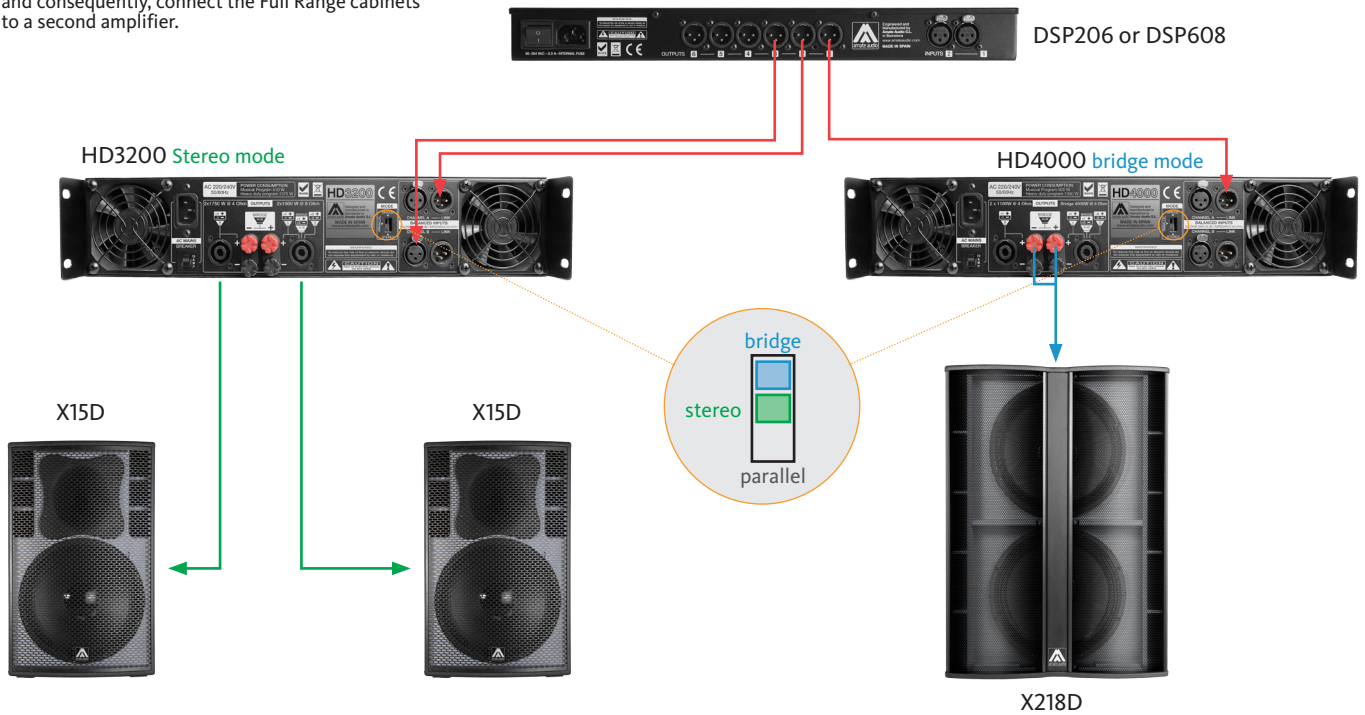


STACKING FRAME FR-X210
For X218D underneath X210



RECOMMENDED CONFIGURATION

Use one amplifier for the low reinforcement units and consequently, connect the Full Range cabinets to a second amplifier.



THE BEST COMBINATION

The best experience of Xcellence DISCO systems is reached with Amate Audio's HD Series amplifiers and DSP206/608 digital signal processors. Factory presets are available to setup the system in a short time.



HD Series – high dynamic professional power amplifiers



DSP Series – digital loudspeakers management system