

SUB 112

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- Power Handling Rated 400 W / Peak 1600 W
- Conical Vent Design
- Integrated Hi-Cut Filter
- DND12S400 High Performance Neodymium Long Excursion Woofer

DYNACORD's SUB 112 is a vented, direct radiating cabinet, equipped with the high-power DYNACORD DND12S400 neodymium transducer. The conical vent system shows significantly less distortion and lower air noise at low frequencies than common circular vent openings.

The SUB 112 contains a passive filter, 6 dB/oct., that suppresses high frequencies. Appropriate full-range cabinets, e.g. DYNACORD's D 8 can therefore be directly connected in parallel to the SUB 112 if an extended bass reproduction is required. You just have to connect the SUB 112 and the D 8 with a regular speakON cable in parallel.

The SUB 112 cabinet is made of 15 mm birch plywood. All corner joints and braces are grooved and glued. The cabinet's surface is painted with a 2-K lacquer finish. The powder coated steel grille protects the DND12S400 woofer against damage during transport and bad environmental conditions. The connector panel uses two 4-pole speakON connectors (INPUT/THRU) for a safe connection and easy daisy-chaining to other cabinets. The pin assignment is 1+/1-. Pins 2+ and 2- are also connected between the two speakON connectors. A pole-mount flange allows easy speaker-on-a-stick applications. Please always take care that every speaker stack has been mechanically secured

against accidental falling down. Please always consult a certified structural engineer for correct and safe setup methods.

The cabinet is equipped with four large rubber feet. Two handles allow easy and safe transport. A protective cover is available as an optional accessory.

Technical specifications

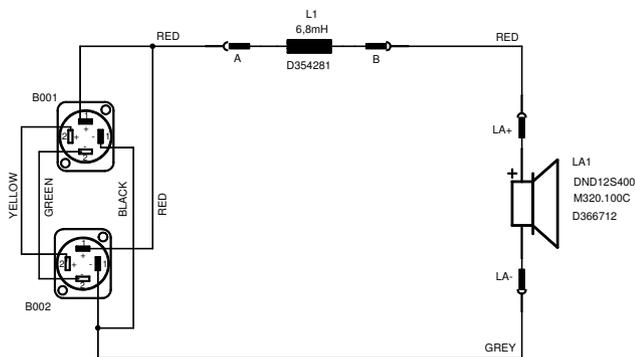
Cabinet	Subwoofer
Configuration	Built-in Hi-Cut filter
Nominal impedance	8 Ω
Power handling	
• Rated power RMS	400 W
• Program power	800 W
• Peak power	1600 W
SPL 2.83 V/1 m, 1 W/8 Ω	92 dB
Max. SPL at 1 m (calculated with peak power)	124 dB
Frequency range (-10 dB)	43–350 Hz
Active crossover frequency	140 Hz

Passive crossover frequency	160 Hz
Component SUB	DND12S400
Connector	
• Model	NEUTRIK speakON NL4MPR
• Connector SUB	1+, 1-
• Wired through	2+, 2-
Product dimensions (Width x Height x Depth)	445 x 380 x 445 mm
Net weight	20 kg
Shipping weight	22 kg
Enclosure material	Birch plywood
Finish	2-component paint
Grille	Steel
Handles	2
Rubber feet	4



Impedance

NEUTRIK and speakON are registered trademarks of Neutrik AG.

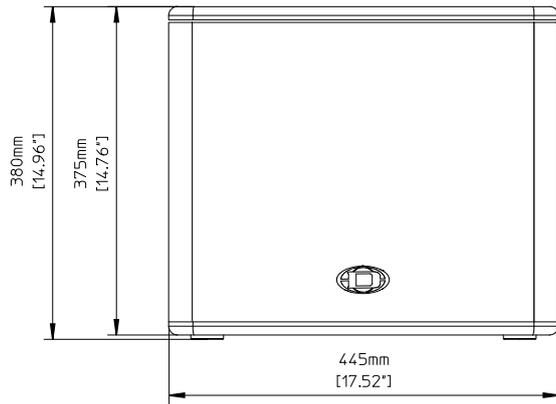


Circuit diagram

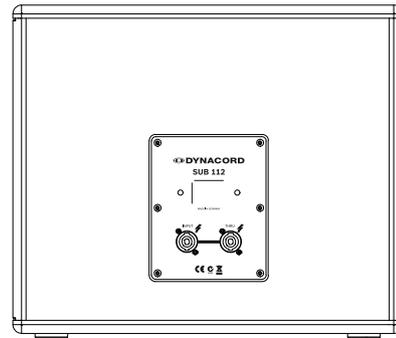


Frequency response

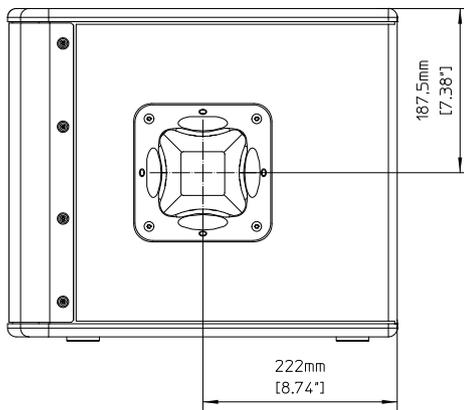
FRONT



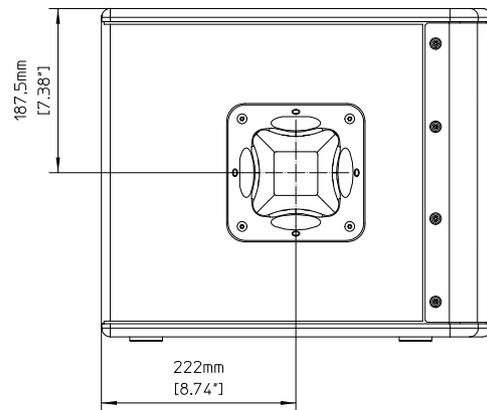
REAR



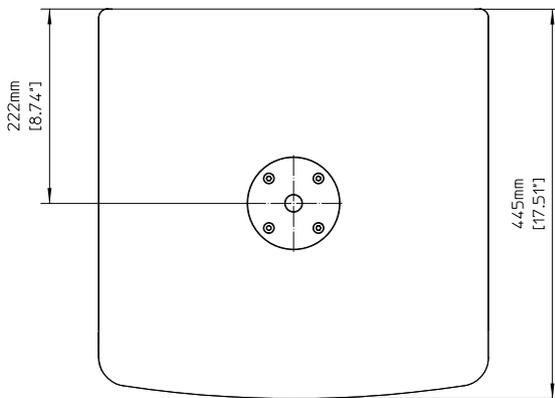
SIDE RIGHT



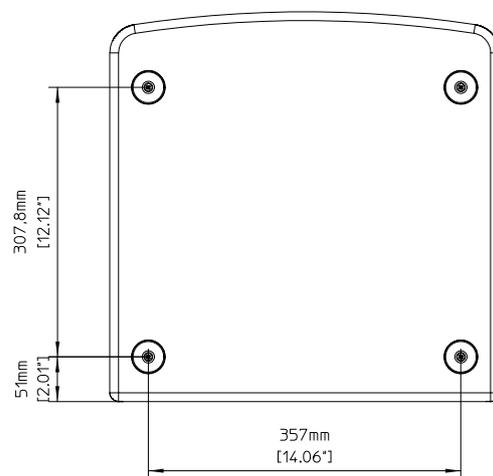
SIDE LEFT



TOP



BOTTOM



Dimensions

Installation/configuration notes

Warning!



We expressly point out that the relevant safety regulations must be observed for “flying” loudspeaker systems. It is imperative that qualified expert advice is sought.

Notice!



This loudspeaker system can permanently damage hearing! Use extreme care when setting sound pressure levels!

Notice!



Consult a certified structural engineer before any attempt to suspend this loudspeaker! Loudspeaker can fall from improper suspension, resulting in severe injury and damage of property. Do not suspend or mount any other product or device from this loudspeaker enclosure! Use grade 5 hardware or better only!

Ordering information

SUB 112

1x 12-inch Subwoofer, passive Lo-Pass; 1600 W/
400 W; 8 Ω

Order number **F.01U.100.844**

Accessories

SH-SUB 112

Dust cover

Order number **F.01U.119.033**

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