

DO12

Omni-directional noise source



Overview

The omni-directional noise source DO12 is made of 12 loudspeakers mounted in a robust dodecahedral cabinet, thus creating a sound field close to an ideal spherical distribution.

Unwanted reflections are kept to a minimum by using a tripod support on wheels, meaning as well that the noise source DO12 can get around more easily.

Coupled with the acquisition systems **Symphonie** or **Jazz** or the sound level meter **SIP95**, the noise source DO12 is an ideal accessory for reverberation time measurements, sound reduction index and transmission loss measurements or any general application that require a spherical sound field.

The power delivered by the noise source coupled with its amplifier allows the user to obtain high sound levels to avoid background noise interference during sound insulation measurements. Furthermore, the noise source DO12 is also well suited for sound power measurements of machines due to its small overall dimensions, the stability and wide band spectrum of the emitted noise.

The noise source DO12 is delivered with a tripod support, various cables, an operation manual and a carrying case.

Main characteristics

- Emission of white and pink noise if connected to Symphonie and Jazz measurement systems
 - Power rating : 600 Watts maximum
 - Impedance : 10 Ohms
 - Sound power output : 122 dB with emission of the signal per octave bands (80Hz - 6,3kHz)
 - Spherical sound field according to ISO 140
 - Dodecahedron system (12 loudspeakers)
 - Diameter : 450 mm
 - Weight : 8 kg / Weight with tripod : 16,5 kg
-
- Amplifier (used with Symphonie or Jazz)
 - Amplifier and internal noise generator (used with a sound level meter)
 - Wireless (HF) remote control

Australian Distributor:

ACU-VIB ELECTRONICS

Unit 14/22 Hudson Ave Castle Hill NSW 2154 Australia
Tel: (02) 9680 8133 Int'l Tel: +61 2 9680 8133
Fax: (02) 9680 8233 Int'l Fax: +61 2 9680 8233
Email: info@acu-vib.com.au Web: acu-vib.com.au



01dB
MVI technologies group

Head office LYON

111 rue du 1er mars BP 1126
F-69613 Villeurbanne cedex
Tél. +33 4 78 53 96 96
Fax. +33 4 72 33 02 12

Web : <http://www.01db.com>
Mail : info@01db.com