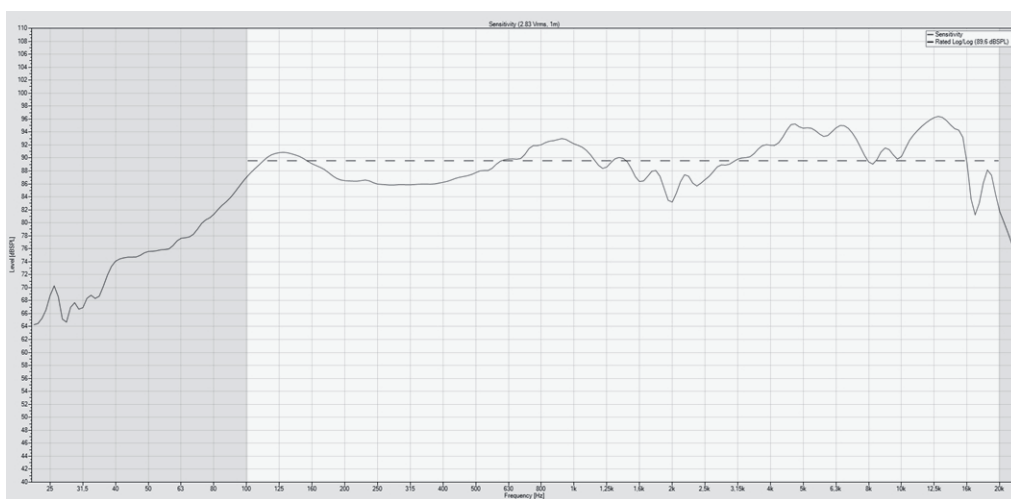|	
Section	**EN54 Voice Evacuation Systems**
Category	**EN54-24 Loudspeakers**
Code	**C97/30-EN, C97/30N-EN**
References	**Safety:** Compliant to **EN 50200**, **EN 62368-1**
	Emergency: **EN54-24:2008 (cert. n° 0068/CPR/169-2022)** **ISO 7240-19:2010 - CEN/TS 54-32:2015 - EN 50849**
	Application: Indoor environment (Type A)

Description

EN54-24 30 W HI-FI 2-way monitor box speaker units

The **C97/30-EN** monitor box speaker units feature two loudspeakers - 5.25" woofer & 1" tweeter - and are constructed with self-extinguishing 5VB ABS structure and metallic grille. They are equipped with a protected integrated thermal fuse, a 100 V transformer for connection and a rotary switch which allows easy adjustment of the output power. Low impedance connection (8 Ω) is also available. A "C" shaped metal bracket allows installation on the wall and practical orientation.
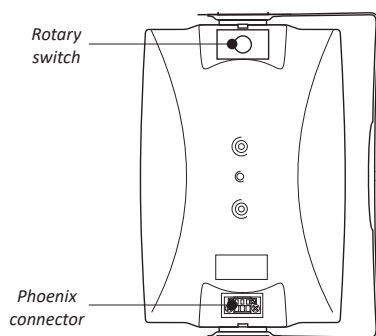
These speakers provide excellent sound performance as well as powerful music reproduction. Ideal for application in large spaces such as schools, hotels, airports, conference rooms and houses of whorship.

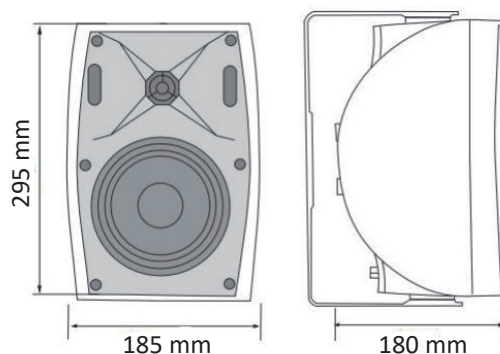Available in white (**C97/30-EN**) and black (**C97/30N-EN**).

Technical data

Frequency response @ 1W/1m

Rotary switch

Phoenix connector

Rear view

295 mm

185 mm   180 mm

Overall dimensions

Rev. 1.1

1

Technical data

C97/30-EN, C97/30N-EN

$C \in$

22

PASO S.p.A Via Settembrini, 34 - 20045 Lainate (MI)

0068

0068/CPR/169-2022

EN 54-24

Loudspeaker for voice alarm systems
for fire detection and fire alarm systems for buildings

C97/30-EN, C97/30N-EN

Type A

No. of loudspeakers	2, 5.25" woofer & 1" tweeter
Rated output power	30 W
Adjustable power	30 W / 15 W / 7,5 W / 3,75 W - 8 Ω
Impedance (100 V line)	333 Ω / 666 Ω / 1333 Ω / 2666 Ω
Line transformer inputs	100 V / 70 V
Rated impedance	8 Ω
Frequency response @ -6dB	100 ÷ 20.000 Hz
Efficiency @ 1W/1m	89 dB
Maximum sound pressure SPL @ Pmax/1m	103 dB
Dispersion angle @ -6dB	Horizontal Vertical 360° (500 Hz) 360° (500 Hz) 190° (1 kHz) 160° (1 kHz) 70° (2 kHz) 120° (2 kHz) 40° (4 kHz) 50° (4 kHz)
Protection degree	IP 44
Material	ABS 5VB structure, metallic grille & stainless steel bracket
Mounting	Wall-mounting, with bracket (included)
Colour	White (C97/30-EN) Black (C97/30N-EN)
Dimensions	180 x 295 x 185 mm
Net weight	3,1 kg

Rev. 1.1