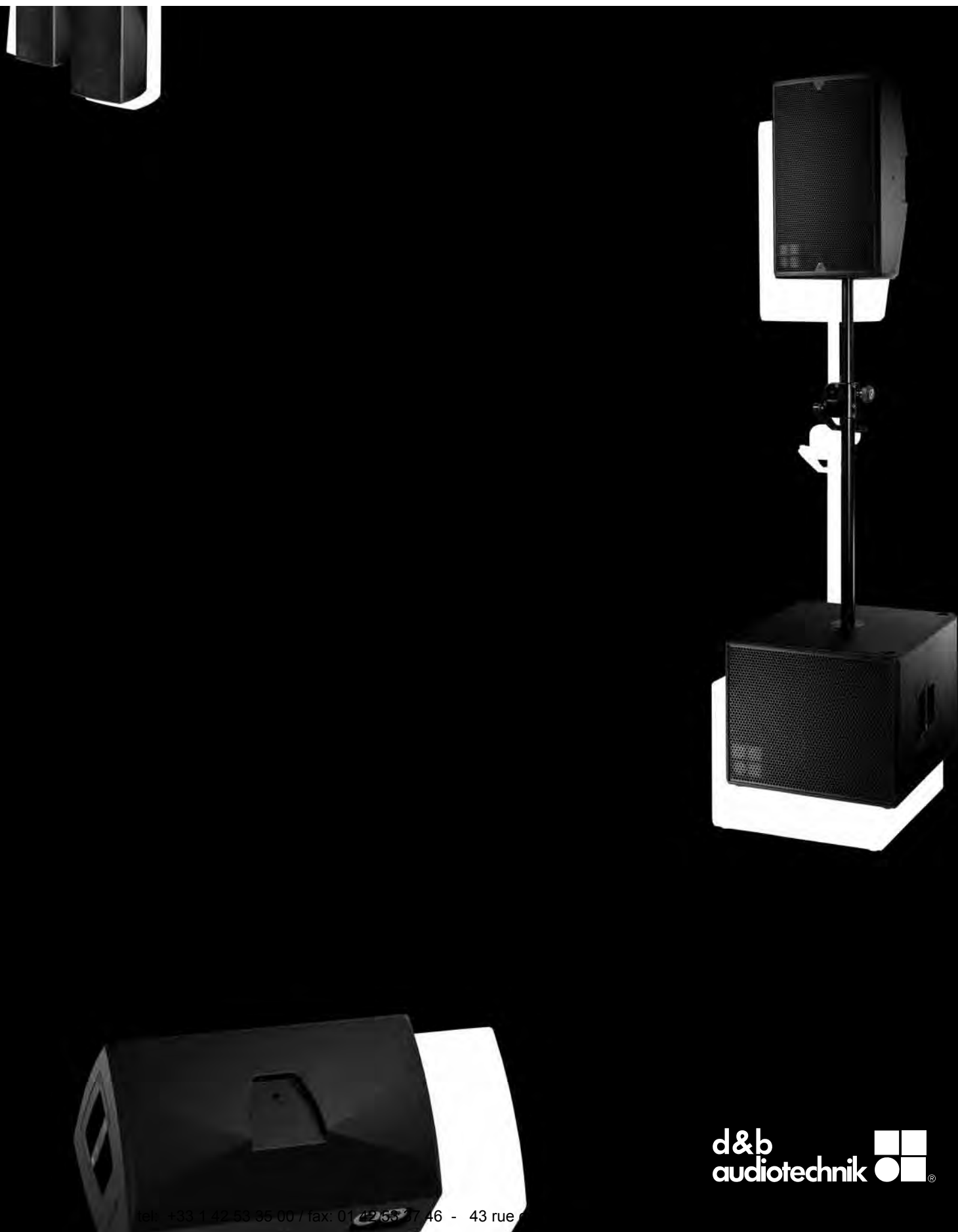


# The E-Series



# The E8 loudspeaker

## E8 loudspeaker

The E8 is a high performance 2-way multipurpose loudspeaker employing an integrated coaxial driver with a neodymium magnet assembly. The 1" exit HF compression driver and constant directivity horn are accommodated within the circumference of the 8" LF driver. With its 90° x 50° dispersion pattern (h x v), the horn is easily rotatable through 90° without the use of tools to provide a 50° x 90° dispersion pattern.

The E8 can be used for speech and music applications as a stand-alone full range system, or incorporated into larger distributed sound reinforcement situations. It can be mounted on loudspeaker stands or flown from overhead bars, while the multifaceted shape of the enclosure allows use either in a vertical or horizontal orientation as well as deployment as a stage monitor.

With the addition of an E12X-SUB or any other E-Series subwoofer, the E8 can also reproduce high level music program.

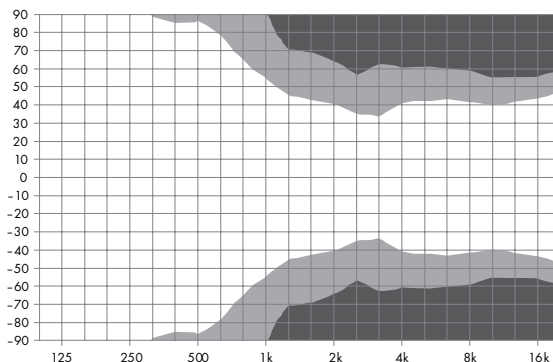
The E8 cabinet is constructed from polyurethane integral hard foam with an impact resistant paint finish. The front of the loudspeaker cabinet is protected by a rigid metal grill backed by an acoustically transparent foam. The grill can easily be removed without tools to modify the horn orientation. The cabinet incorporates a handle and a socket to accept loudspeaker stands.

## System data

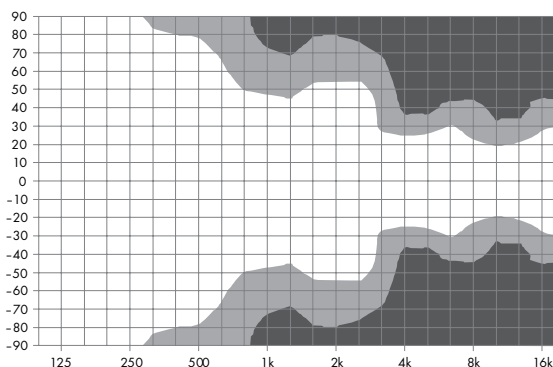
Frequency response (-5 dB standard).....	62 Hz - 18 kHz
Frequency response (-5 dB CUT mode).....	120 Hz - 18 kHz
Max. sound pressure (1 m, free field) <sup>1</sup> .....	
with D6.....	126 dB
with D12.....	129 dB
Input level (100 dB SPL/1 m).....	-13 dBu

## Loudspeaker data

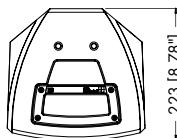
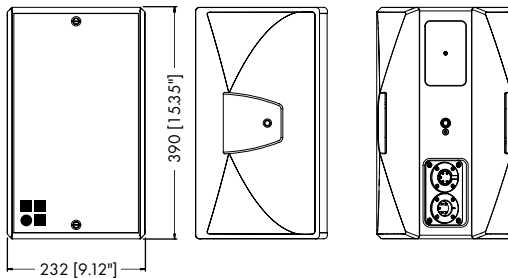
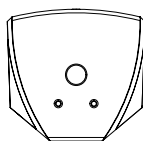
Nominal impedance.....	16 ohms
Power handling capacity (RMS/peak 10 ms).....	150/800 W
Nominal dispersion angle (h x v) .....	90° x 50°
.....	rotatable through 50° x 90°
Components.....	8" driver with neodymium magnet
... 1" exit compression driver with 1.75" coil and rotatable CD horn	
.....	passive crossover network
Connections .....	2 x EP5, 2 x NL4 or 2 x NLT4 F/M
Pin assignments.....	
EP5 .....	1/2
NL4 and NLT4 F/M.....	1+/1-
Weight.....	7.3 kg (16.1 lb)



E8 horizontal dispersion characteristics<sup>2</sup>



E8 vertical dispersion characteristics<sup>2</sup>



E8 cabinet dimensions in mm (inch)

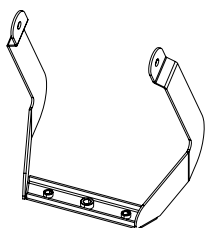
<sup>1</sup> Broadband measurement, pink noise, crest factor 4, peak measurement, linear weighting

<sup>2</sup> Dispersion angle vs frequency plotted using lines of equal sound pressure (isobars) at -6 dB and -12 dB

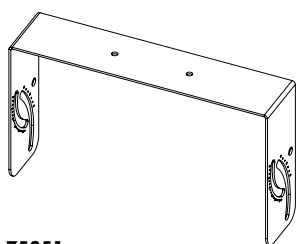
# The E8/E12 mounting accessories

## Safety approval

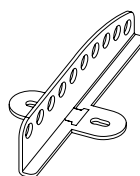
d&b loudspeakers and accessories are designed for set up and use within situations requiring compliance with the provisions and directives of BGV C1 Rule for the Prevention of Accidents.



**Z5350**  
E8 Flying bracket  
**Z5352**  
E12 Flying bracket



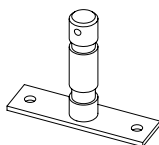
**Z5351**  
E8 Horizontal bracket  
**Z5353**  
E12 Horizontal bracket



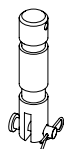
**Z5354**  
E8/E12 Flying adapter



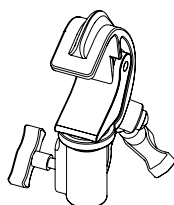
**Z5355**  
E8/E12 Flying adapter link



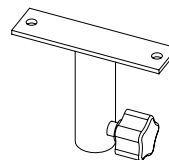
**Z5010**  
TV spigot  
with fixing plate



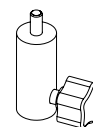
**Z5015**  
TV spigot 02



**Z5012**  
Pipe clamp  
For a tube diameter up to  
70 mm/2.75"



**Z5024**  
Loudspeaker  
stand adapter

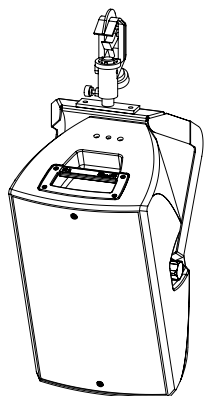


**Z5034**  
Stand adapter M10

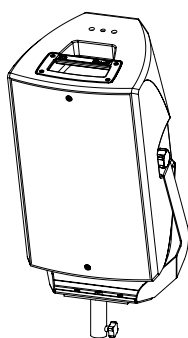


**Q9032**  
Safety eyebolt M10

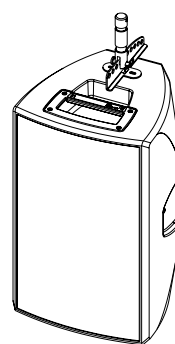
# The E8/E12 mounting examples



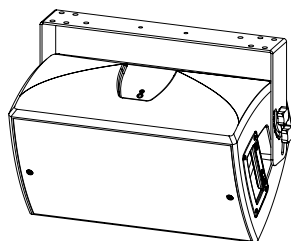
**E8/E12 with  
Z5350 E8 Flying bracket or  
Z5352 E12 Flying bracket  
Z5010 TV spigot with fixing plate  
Z5012 Pipe clamp**



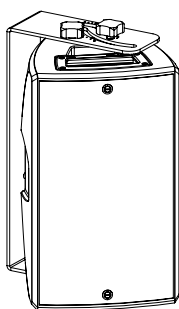
**E8/E12 with  
Z5350 E8 Flying bracket or  
Z5352 E12 Flying bracket  
Z5024 Loudspeaker stand adapter**



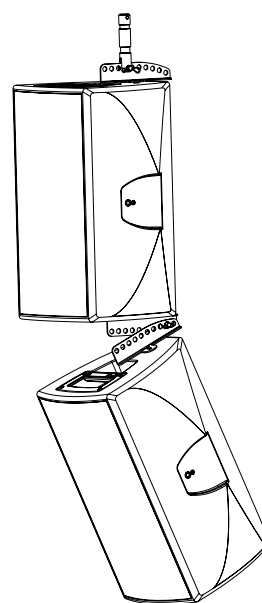
**E8/E12 with  
Z5354 E8/E12 Flying adapter  
Z5015 TV spigot 02**



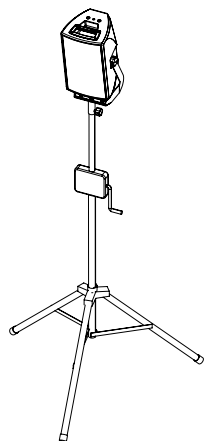
**E8/E12 with  
Z5351 E8 Horizontal bracket or  
Z5353 E12 Horizontal bracket**



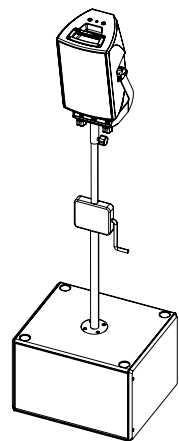
**E8/E12 with  
Z5351 E8 Horizontal bracket or  
Z5353 E12 Horizontal bracket**



**E8 or E12 vertically arrayed for  
far and near field coverage with  
Z5354 E8/E12 Flying adapter  
Z5355 E8/E12 Flying adapter link  
Z5015 TV spigot 02**

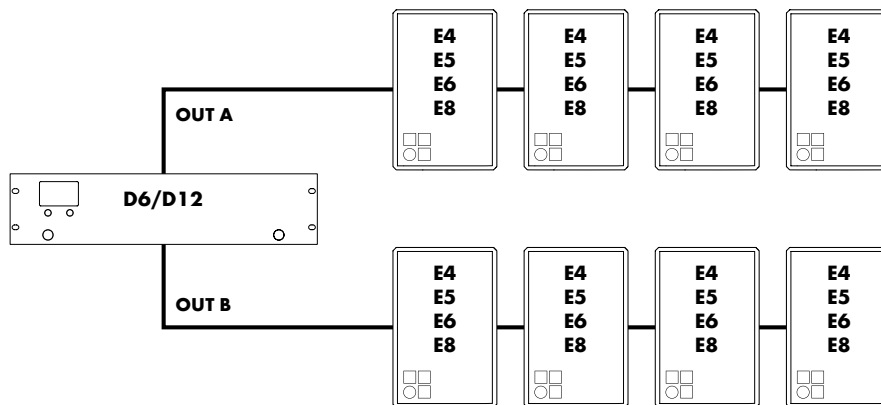


**E8/E12 with  
Z5034 Stand adapter M10  
Z5009 Loudspeaker stand  
with winder**

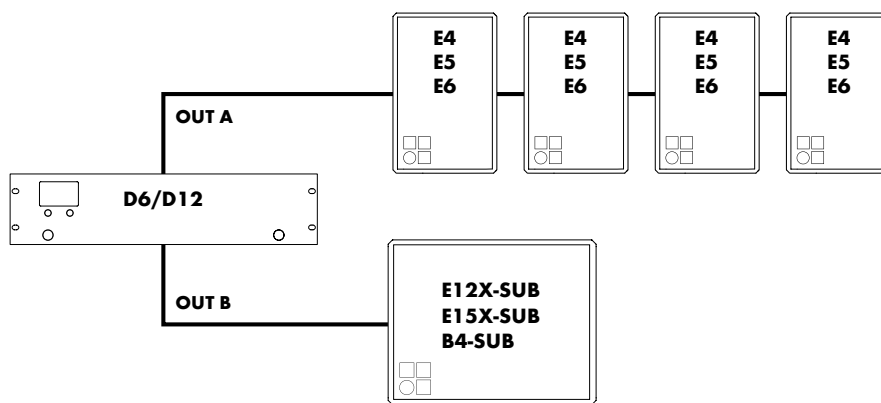


**E8/E12 with  
Z5350 E8 or Z5352 E12 Flying bracket  
Z5024 Loudspeaker stand adapter  
Z5013 Loudspeaker stand winder M20**

# The E-Series configuration examples



D6/D12 amplifier in dual channel mode with E4, E5, E6 or E8 loudspeakers



D6/D12 amplifier in dual channel mode with E4, E5 or E6 loudspeakers and an E12X, E15X or B4 subwoofer