

## BS 182, down-firing in the compact speaker class!



With the BS 182, ELAC is introducing down-firing into the compact speaker class for the first time. With its downwards oriented bass reflex tube and integrated base plate, the BS 182 is especially suitable for use on a sideboard or shelf. The irresistible compact speaker is also visually very appealing, with its base plate and chromed spacers.

The full and warm sound that this compact speaker is capable of generating is truly impressive. This compact plays as well as much larger speakers!

The impedance of 6 ohms means that the speaker can also be connected to load-critical amplifiers or to surround-sound amplifiers using class D technology without difficulty.

### Equipment, technical characteristics:

- The membrane area of the TT 135 AS woofer which was developed especially for the BS 182 is just as large as that of a 140-mm woofer and thanks to its optimum basket geometry it is destined for use in slimline cabinets.
- Special attention was paid during the woofer's design to result a high-performance system providing sufficient electrical damping of the pronounced fundamental resonance.
- The crossover design is characterized by a sophisticated filter technology for perfect integration of the dispersion characteristics of both drivers.
- The JET III tweeter – with its special neodymium magnet system – has a particularly powerful drive unit. Thanks to its ribbon geometry, it has an upper cut off frequency of 50 kHz.

### Practical/other features:

- Shelf / compact speaker with attractive design and new down-fire technology, similar to floorstanders from the 180 series (and 240 series) and subwoofers of the 20xx series.
- Bi-wiring (bi-amping) terminal for separate drive of the high frequency range and bass/mid-range.
- High quality lacquer cabinet finish.
- Base plate with ornamental spacers.
- 6 ohm impedance for operation with load-critical amplifiers or amplifiers with Class D technology.
- Double chamfered bass reflex tube to minimise airflow noises.
- The cabinets of all the 180 series speakers are internally reinforced to minimise cabinet resonance.
- The LS 70 speaker stand is available as an accessory.
- Magnetically fixed cover grille

**Colours:** White matt finish, black matt finish All paint finishes with cloth grille and metal grille.

### Specifications:

Dimensions: Height * Width * Depth	290 x 160 x 250/262	[mm] with/without grille
Weight	approx. 5.5	[kg]
Principle	2	way, bass reflex
Woofer	135 mm	Ø AS cone
Bass reflex port	1 x 45 mm (below)	
Tweeter	JET III	
Crossover frequencies of the filter	2500	[Hz]
Nominal power handling	60	[W]
Peak power handling	80	[W]
Frequency range (as per IEC 268-5)	46 – 50000	[Hz]
Sensitivity	84	[dB/W/m]
Sensitivity	86	[dB/2.83V/m]
Suitable for amplifiers from ... to	4 – 8	[Ω]
Nominal impedance	6	[Ω]
Minimum impedance	4.9 / 250	[Ω/Hz]
Rec. Amplifier Power at Nominal Impedance	20 – 140	[W/channel]

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Product Information BS 182