

B 18A

PRODUCT FEATURES

- Adaptive Port Design for low distortion and airflow noise
- 1600 W self-powered Subwoofer with DSP
- Up to 138 dB max SPL
- Cardioid and End-Fire configuration
- LCD Display, with digital encoder and push button
- Plywood cabinet
- Octopus Feet for slip resistance and stability
- Flexibility - smaller, lighter, scalable
- Road-Ready, allows optimal packing and easy transport

SPECIFICATIONS

ACOUSTICAL	
Frequency range (-3 dB) ¹	34 Hz - 216 Hz
Frequency range (-10 dB) ¹	28 Hz - 254 Hz
Coverage (-6dB) [H x V]	Omnidirectional
Maximum Peak SPL ²	138 dB
System type	1-way self-powered system
Transducers	1 x 18" driver (4" voice coil)
Enclosure type	Vented box
AMPLIFICATION	
Type	Single channel, class-D with SMPS
Output power ³	1600 W
Protection	Short circuit, overheating, overcurrent
Connectors	Input signal: balanced XLR 3-pin female Link output: balanced XLR 3-pin male Power input: powerCON [®] 20A Power link output: powerCON [®] 20A
Wiring	Pin layout XLR: Pin 2: Signal+; Pin 3: Signal-; Pin layout powerCON: Pin N: Neutral; Pin L: Conductor; Pin E: Earth, Ground
Input sensitivity	+14 dBu (3.88 V), +4 dBu (1.23 V), 0 dBu (0.775 V), 0 dBV (1 V), -10 dBV (0.316 V)
DSP	48 kHz/24 bit with extended dynamics Processing latency: 1.1 ms
Processing	Factory and user presets, EQ, delay, directivity control, phase inversion, input sensitivity
User controls	Power: ON/OFF switch DSP: display with digital encoder LCD: 4x20 alphanumeric
MECHANICAL	
Product Dimensions [H x W x D] (Including rigging)	576 x 542 x 793 mm
Net weight	45 kg
Packaging dimensions [H x W x D]	701 x 615 x 890 mm
Total weight	53 kg
Cabinet	12 - 18 mm plywood
Cabinet finishing	Polyurea coating
Grille	Powder coated perforated steel
Hardware	2 SE AUDIOTECHNIK ergonomic handles 4 rubber feet and top slots for stacking M20 pole thread
Stacking	Two-point SE AUDIOTECHNIK stacking system

¹ Measured with GENERAL preset with 6th-order Butterworth low-pass filter applied at 200 Hz.

² Measured with 12 dB Crest factor Pink Noise, half space.

³ Short term rms output power according to CEA2006

* not all accessories items are available in all regions.



PRODUCT DESCRIPTION

The B 18A subwoofer comprises a single 18" driver mounted in a vented box, with a sophisticated adaptive port that optimizes the airflow and improves its response. This technology, developed through exhaustive research, enables a lower cut-off frequency while having smaller volume.

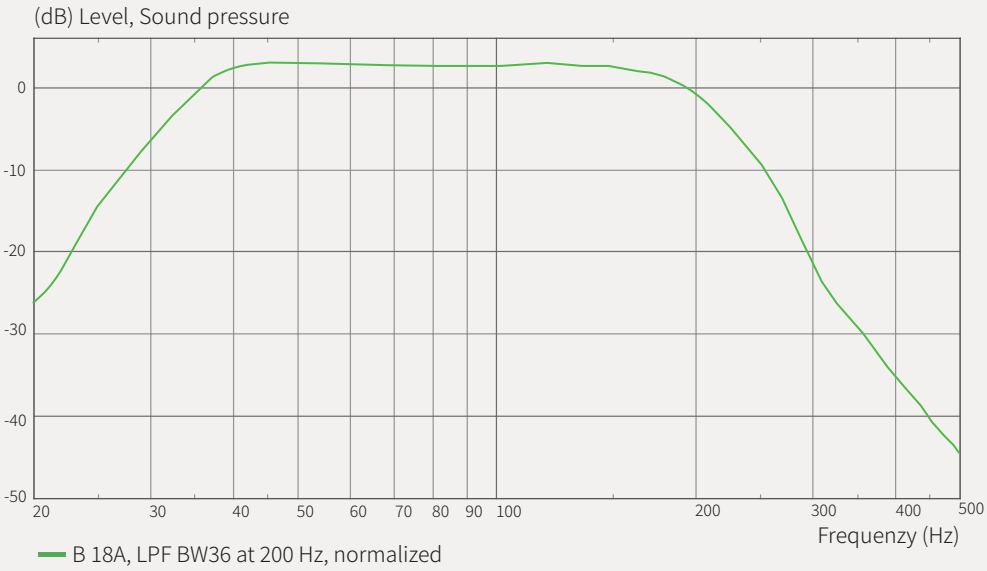
The B 18A is driven by a 1600W (peak) class-D amplifier. Integrated DSP presets allow loading preset system setups that are optimally matched to the SE AUDIOTECHNIK speaker systems. This makes it fast and easy to set up and optimally adjust the entire system.

The directivity can be changed effortlessly and in a flash from normal to cardioid or end-fire configuration via the large display and the rotary-push encoder. Parameters such as EQ, delay, sensitivity and phase can be adjusted and saved in your own user presets.

ACCESSORIES*

B 18 SFi M	Stacking frame for M-F3A PRO
B 18 SFi L 35	Stacking frame for L 35
B 18 TD	Transport dolly
B 18 TC	Transport cover
P801DL RC	Amplifier rain cover

FREQUENCY RESPONSE CURVE



PRODUCT DRAWINGS

