

SUB 18-AS

PROFESSIONAL ACTIVE SUBWOOFER

Portable 18-inch high-power active subwoofer for live sound applications.

POWER

2200 W Peak

MAX SPL

135 dB

LOW FREQ

35 Hz

- 18-inch woofer with 4.0-inch voice coil
- Mono/Stereo Combo XLR/TRS input and XLR crossover out
- Baltic birch plywood cabinet with polyurea coating



Product Positioning

High-output low frequency reinforcement for portable live sound, DJs, rental and compact venues.



POSITIONING

SUB 18-AS is positioned as a portable, tour-ready 18-inch active subwoofer that adds extended low-frequency impact to 10-inch, 12-inch or 15-inch full-range loudspeakers.

CORE VALUE

- High SPL-to-size ratio for mobile systems
- Integrated Class-D amplification and processing
- Fast setup with side handles and M20 pole mount
- Designed for small to mid-sized venues and portable applications

Application fit: live sound, DJ, small venue, mobile production, corporate AV.



Key Performance

Core data extracted from the official English specifications.



Frequency Response

35 Hz - 400 Hz

Max SPL @ 1m

135 dB

Transducer

1 × 18", 4.0" v.c.

Amplifier Power

2200 W Peak

Cabinet

Baltic birch plywood

Net Weight

44.5 kg / 98.11 lbs

Performance summary

Strong peak output, compact handling and fan-less convection cooling make the system practical for repeated portable deployment.

Acoustic & Enclosure Design

Bass reflex active subwoofer architecture with rugged portable cabinet details.

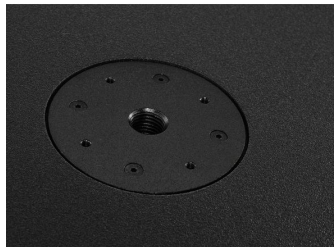


ACOUSTIC SYSTEM

- 18-inch low-frequency transducer with 4.0-inch voice coil
- Bass Motion Control algorithm for extended response at useful output levels
- Soft limiter and thermal protection to preserve operation stability

ENCLOSURE

- Baltic birch plywood construction
- Black polyurea protective finish
- Steel grille with acoustic protection backing
- Two side handles for transport



Technical Specifications

Editable English parameter table - latest official English specsheet values.

Parameter	Official value
Product Model	SUB 18-AS
Type	Professional Active Subwoofer
Drivers	1 x 18", 4.0" voice coil
Frequency Response	35 Hz - 400 Hz
Rated Power	Not specified in official materials
Peak Power	2200 W Peak
Sensitivity	Not specified in official materials
Maximum SPL	135 dB @ 1m
Nominal Impedance	Not specified in official materials
Coverage / Dispersion	Not specified in official materials
Recommended Amplifier	Integrated Class-D amplifier

Parameter	Official value
Enclosure	Baltic birch plywood
Finish	Black polyurea coating
Protective Grille	Steel
Connectors	Combo XLR/Jack input; XLR output; VDE power
Controls	Volume, Polarity, Low pass filter frequency
Protections	Thermal
Limiter	Soft Limiter
Cooling	Convection
Supplied Fittings	M20 pole mount/cap, 2 side handles
Dimensions	505 W x 693 H x 685 D mm
Weight	44.5 kg / 98.11 lbs

System Application / Rigging

M20 pole-mounted satellite configuration and portable bass foundation.



RIGGING / MOUNTING



PM-KIT M20 is listed as the official M20 pole mount accessory. It supports speaker-on-sub deployment with height adjustment from 725 mm to 1135 mm and 40 kg maximum load.

SYSTEM LOGIC

- Subwoofer placed on floor as LF foundation
- M20 pole mount supports compatible top speaker
- Stereo input/link and crossover output support compact PA setups

Deployment Options

Gallery views and practical placement logic for portable applications.



Single sub + top

Compact FOH reinforcement for speech, live music or DJ playback.

Stereo pair

Left/right subwoofer placement for wider portable PA coverage.

Stack / ground support

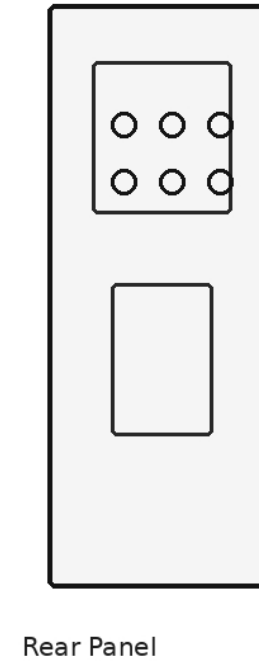
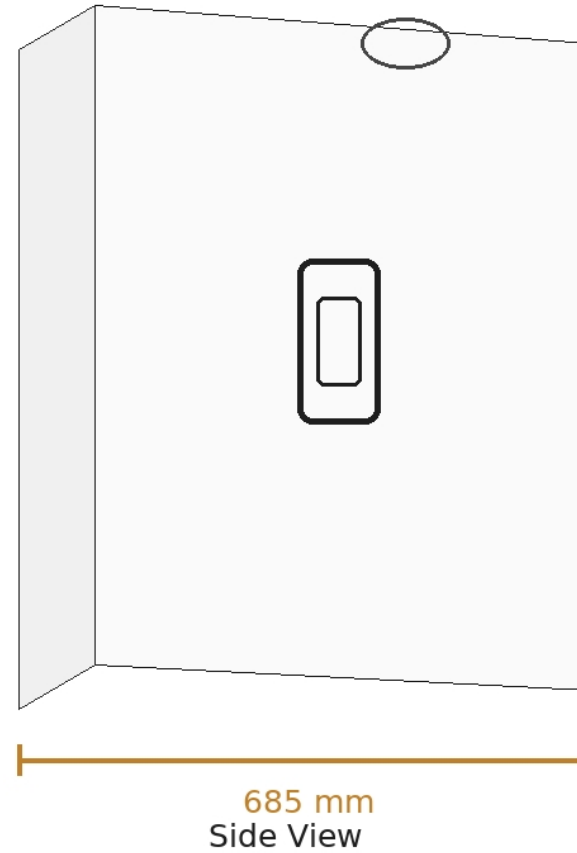
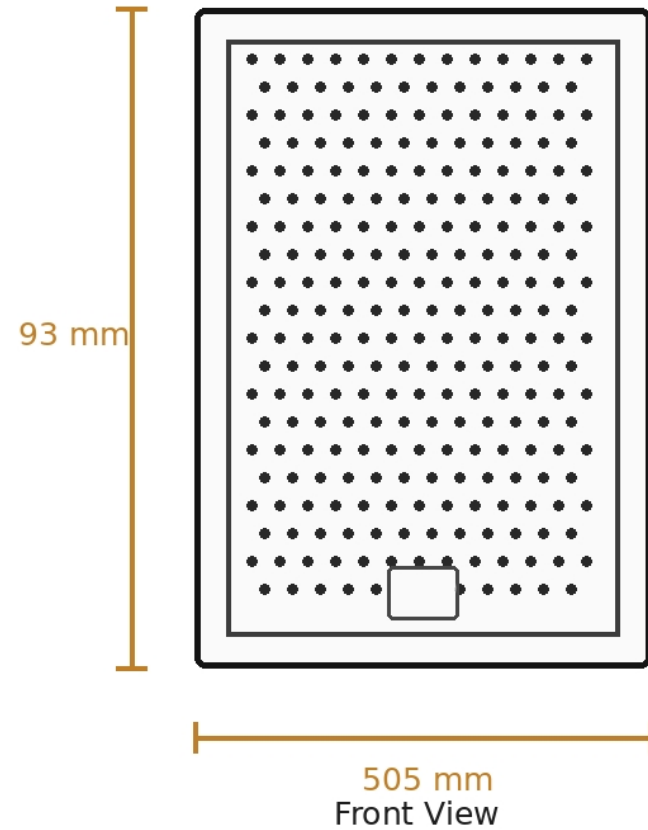
Flat cabinet surfaces support clean floor deployment and fast teardown.

Panel-facing service

Rear connection panel accessible for input, link and crossover outputs.

Technical Drawing / Dimensions

High-resolution dimension drawing recreated from official English datasheet values.



Connections & Hardware Details

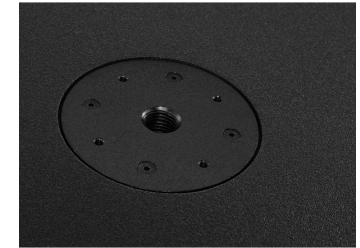
Rear panel, input/output logic, grille, handles and M20 mounting detail.



INPUT / OUTPUT

- Balanced/unbalanced input signal
- Combo XLR/Jack inputs
- XLR outputs and crossover outputs
- Input sensitivity: -2 dBu / +4 dBu
- Power connection: VDE

Hardware focus: ergonomic transport handles, steel grille protection, top M20 pole mount and convection-cooled rear amplifier panel.



Accessories

Official accessory set listed for SUB 18-AS compatibility.



PM-KIT M20

M20 POLE MOUNT

Adjustable pole mount; 725-1135 mm length; 40 kg max load.



CVR 003

PROTECTION COVER

Padded cover with weatherproof outer fabric, foam padding and access openings.



WH PRO 4X

SWIVEL WHEELS KIT

Four 100 mm swivel wheels with roller bearings for transport.

Application Scenarios

Suitable applications only - not presented as actual project cases.



Live Band / Small Venue

Low-frequency extension for compact live systems.

DJ / Mobile Event

High SPL output with quick transport and setup.

Corporate AV

Reliable bass support for portable production.

Rental Inventory

Rugged cabinet and accessory ecosystem for repeat deployment.



Product Summary

Portable 18-inch active subwoofer with high output, integrated amplification and practical hardware.



Output

135 dB max SPL

Power

2200 W Peak

Response

35 Hz - 400 Hz

Weight

44.5 kg

CLOSING MESSAGE

SUB 18-AS combines compact mobility, high SPL low-frequency output, robust cabinet construction and practical system connectivity for professional portable sound applications.