

SUB 8006-AS

Active High Power Subwoofer

High-output dual 18-inch active subwoofer platform for demanding touring, live sound and fixed low-frequency reinforcement systems.

141 dB

Max SPL @ 1m

5000 W

Peak power

30-120 Hz

Frequency response



Product Positioning

Professional low-frequency reinforcement for large-format sound systems

Designed for demanding applications where very high SPL, deep extension and fast deployment are required.

Core Position

Largest and most powerful active subwoofer in the professional series, built around dual 18-inch woofers and a high-power integrated amplifier.

Application Fit

Touring PA, large clubs, live stages, DJ systems, houses of worship, rental inventory and fixed venues requiring powerful low end.

Core Value

High SPL-to-size ratio, DSP-controlled tuning, internal delay and practical cardioid configuration options.

System Logic

Works as the low-frequency foundation below line-array or point-source mains; M20 and integrated mechanics support multiple configurations.



Key Performance

Official core data extracted from the latest English datasheet

Maximum SPL

141 dB

@ 1 m

Frequency Response

30 Hz - 120 Hz

Low-frequency extension

Amplifier Power

2500 W RMS

5000 W peak

Drivers

2 x 18"

4.0" voice coil

Connections

XLR + Powercon

Signal and mains I/O

Weight

96.4 kg

212.53 lbs



Performance positioning: high-output active subwoofer with DSP-controlled input section, fast limiter, convection cooling and black Baltic birch plywood enclosure.

Acoustic & Enclosure Design

Acoustic engine, mechanical structure and touring-grade cabinet design



Dual 18-inch Transducer Layout

Two 18-inch woofers with 4.0-inch voice coils deliver high-output low-frequency energy for large-format reinforcement.

DSP-Controlled Input Section

Selectable presets, delay control and cardioid mode support precise system tuning and array behavior.

Baltic Birch Cabinet

Rugged Baltic birch plywood cabinet with textured black finish supports touring durability and clean installation appearance.

Steel Protective Grille

Steel grille provides physical driver protection while preserving low-frequency output performance.

Mechanical Details

Four side handles, mounting points and M20 thread support flexible handling, ground stacking and pole-based satellite deployment.

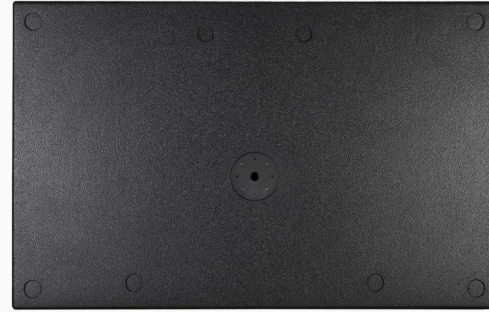
Technical Specifications

Editable English table based on the latest official English datasheet

Parameter	Official Value	Parameter	Official Value
Product Model	SUB 8006-AS	Protective Grille	Steel grille
Type	Active High Power Subwoofer	Connectors	XLR input/output; Powercon IN/OUT
Drivers	2 x 18-inch woofer, 4.0-inch voice coil	Dimensions	1109 W x 709 H x 700 D mm / 43.66 x 27.91 x 27.56 in
Frequency Response	30 Hz - 120 Hz	Weight	96.4 kg / 212.53 lbs
Rated Power	2500 W RMS	Supplied Fittings	Not specified in official materials
Peak Power	5000 W Peak	Recommended Amplifier	Integrated 2500 W RMS / 5000 W Peak amplifier; no external amplifier required
Sensitivity	Not specified in official materials	Processing / Controls	Xover, phase switch, Deep/Punch, output delay settings, cardioid mode
Maximum SPL	141 dB @ 1m	Protection / Limiter	Thermal, RMS protection; Fast Limiter
Nominal Impedance	Not specified in official materials	Cooling	Convection
Coverage / Dispersion	Not specified in official materials	Pole Mount / Cap	M20 thread
Enclosure	Baltic birch plywood	Handles / Hardware	4 side handles; mounting points
Finish	Black textured finish		

System Application / Rigging

Installation, stacking and mounting logic with compatible accessory examples



M20 Pole Mount

Top M20 thread supports pole-based satellite speaker deployment when compatible accessories are selected.



Integrated Mechanics

Designed for multiple configurations with HDL 20-A, enabling practical stacking and system application flexibility.

Deployment Options

Deployment concepts for low-frequency system design

Single Subwoofer

One unit under or near the main system for compact high-power low-frequency reinforcement.

Left / Right Ground Stack

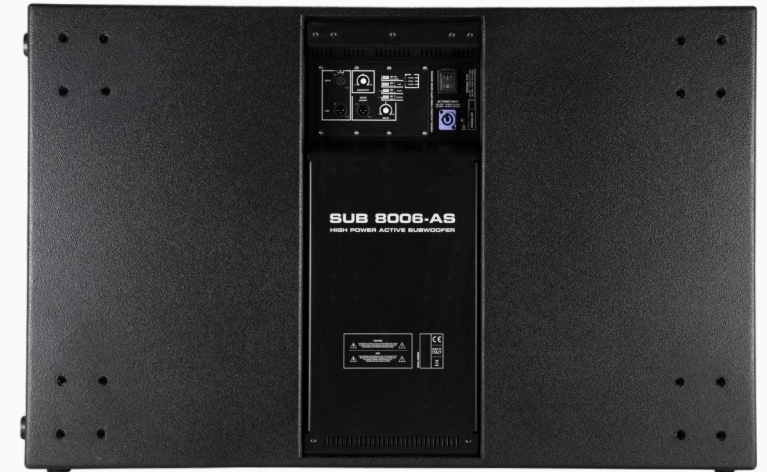
Matched subs placed under left and right mains for stereo PA layouts and fast deployment.

Clustered Center Bass

Multiple subs grouped together to improve coupling, increase headroom and focus LF energy.

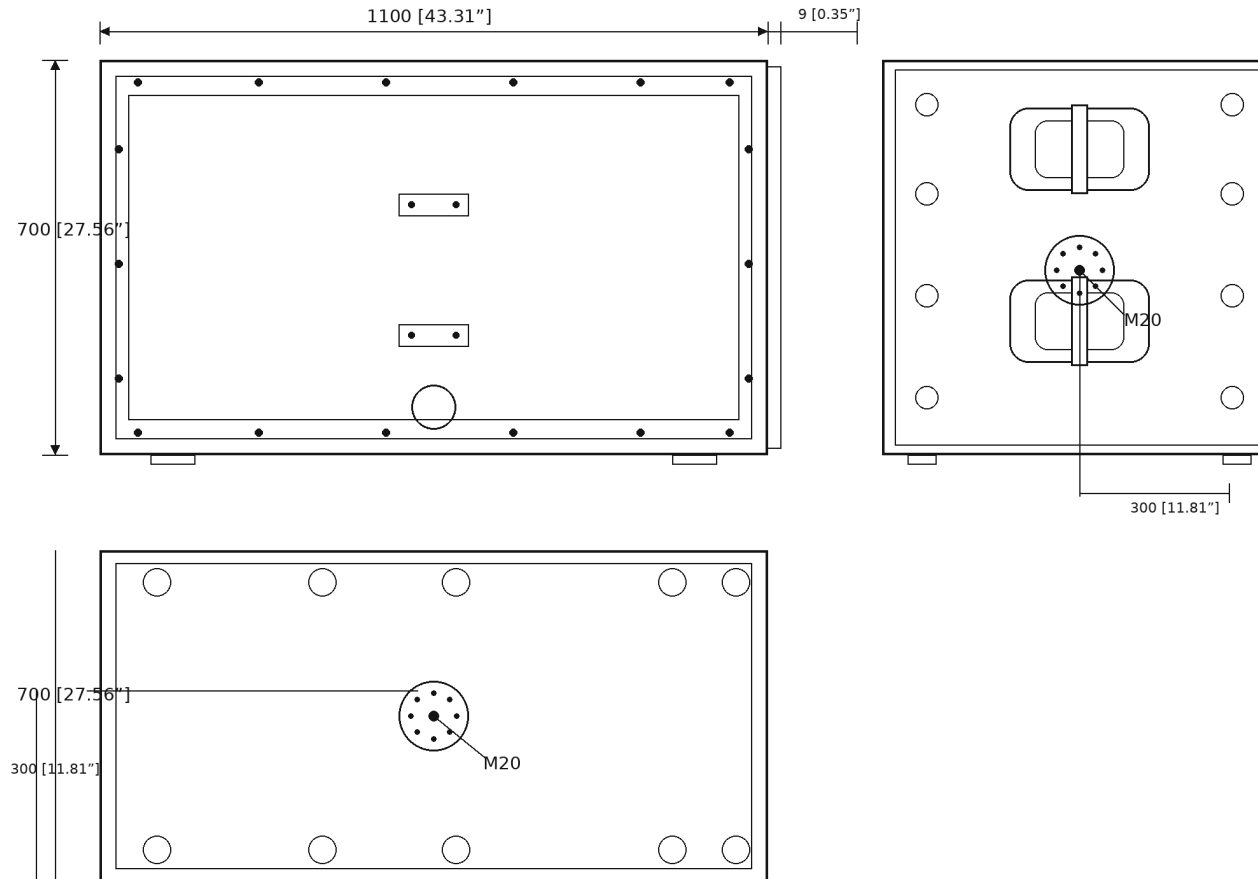
Cardioid Configuration

DSP controls and delay allow cardioid low-frequency arrangements to reduce rear energy when system design requires it.



Technical Drawing / Dimensions

Official dimensional references: 1109 W x 709 H x 700 D mm



Connections & Hardware Details

Rear amplifier panel, signal routing and practical mechanical details



Signal I/O

Balanced/unbalanced input signal with XLR input, XLR link and XOVER output connectors.



Controls

Sensitivity, crossover, delay, Deep/Punch, phase and cardioid control section.

Power & Reliability

Powercon IN/OUT connection, thermal/RMS protection, fast limiter and convection cooling support reliable long-term use.

Accessories

Compatible accessories listed in official materials

LA SOUNDX®

PROFESSIONAL AUDIO SYSTEM



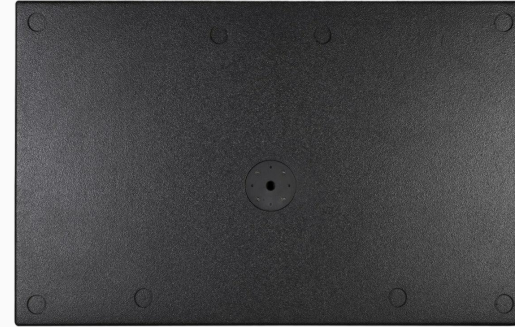
PM-KIT M20

M20 pole mount accessory for satellite speaker mounting above the subwoofer.



CVR SUB 8006

Protective cover category for transport and storage protection.



Accessory List

AC PMX, PM-KIT M20, QL-PIN 011, STCK-KIT SUB 8006, CVR SUB 8006, RP 1X SUB 8006, WH PRO 4X and signal/power cabling are listed in the official datasheet.

Application Scenarios

Generic application guidance only - not presented as actual project cases



Touring PA & Festivals

High-output LF foundation below line array or point-source main systems.

Large Clubs & DJ Systems

Deep impact bass for electronic music, dance floors and entertainment venues.

Houses of Worship

Controlled low-frequency support for modern worship and multipurpose halls.

Rental Inventory

Robust cabinet, handles and accessory ecosystem for repeated deployment.

Use final subwoofer quantity, spacing and cardioid design according to venue size, acoustic targets and safety rules.

Product Summary

High-output active subwoofer for professional sound reinforcement

141 dB

Max SPL

30-120 Hz

Frequency

2500 W RMS

Rated Power

2 x 18"

Drivers

SUB 8006-AS combines dual 18-inch low-frequency output, integrated high-power amplification, DSP control and rugged Baltic birch construction for demanding professional audio systems.



Contact Area: Project inquiry | System configuration | Quotation support