

SUB 9004-AS

ACTIVE HIGH POWER SUBWOOFER

KEY FEATURE 01

2800 W peak power rating with 1400 W RMS amplifier output

KEY FEATURE 02

136 dB max SPL and 30 Hz – 400 Hz frequency response

KEY FEATURE 03

1 × 18" neo woofer with 4.0" voice coil and onboard RDNet control



Professional active subwoofer for touring, rental inventory, and high-output sound reinforcement.

Product Positioning

High-output single 18-inch active subwoofer for demanding professional applications



POSITIONING

SUB 9004-AS is positioned as a high-power active subwoofer with integrated amplification and onboard RNet connectivity. The official materials emphasize rugged construction, extended low-frequency performance, and suitability for AV rental inventories.

CORE VALUE

Single 18-inch neo transducer with Hyper Ventilation cooling concept.
Built-in DSP processing with preset selection, delay control, and RNet remote management.
Rugged birch plywood cabinet with stackable geometry and pole receptacles for versatile setups.



TYPICAL USE

Portable touring and rental sound systems
Fixed systems requiring powerful low-frequency extension
Sub / top deployments using pole-mount or stacked configurations

Key Performance

Selected official performance indicators

Max SPL

136 dB

Freq. Response

30 Hz – 400 Hz

Amplifier

**2800 W Peak
1400 W RMS**

Transducer

**1 × 18" neo
4.0" v.c**

Control

RNet onboard

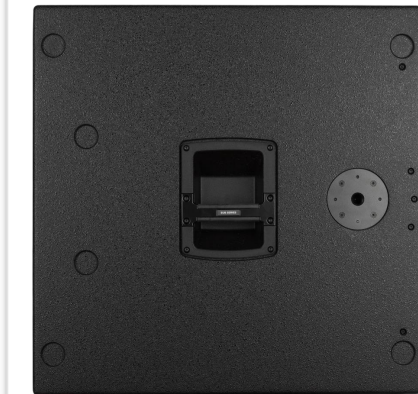
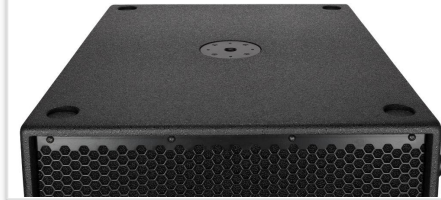
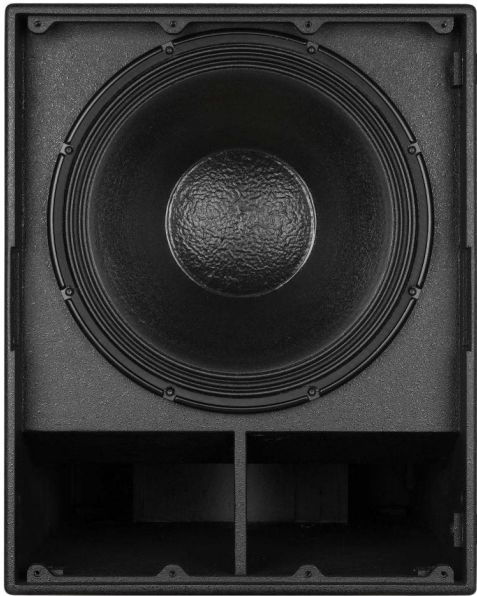
Weight

57 kg

The official feature set also highlights selectable presets, delay control, forced cooling, and Powercon IN/OUT power connections.



Acoustic & Enclosure Design



ACOUSTIC PLATFORM

Single 18-inch hyper-ventilation neodymium woofer with 4-inch voice coil.

Official description notes a cone composition engineered for robust and undistorted low-frequency reproduction.

Extended low-frequency amplifier design supports strong sub-bass performance down to 30 Hz.

ENCLOSURE & HARDWARE

Cabinet material: Baltic birch plywood with heavy-duty coating.

Stackable enclosure with top and side M20 pole receptacles for multiple configurations.

Steel grille, 2 side handles, and dedicated amplifier housing for transport reliability.

Technical Specifications

All values follow the latest official English datasheet

Parameter	Official Value
Product Model	SUB 9004-AS
Type	ACTIVE HIGH POWER SUBWOOFER
Drivers	1 x 18" neo woofer, 4.0" voice coil
Frequency Response	30 Hz - 400 Hz
Rated Power	1400 W RMS
Peak Power	2800 W Peak
Sensitivity	Not specified in official materials
Maximum SPL	136 dB
Nominal Impedance	Not specified in official materials
Coverage / Dispersion	Not specified in official materials
Enclosure	Baltic birch plywood
Finish	Black
Protective Grille	Steel
Connectors	XLR, RDNet Ethercon, Powercon IN/OUT
Dimensions	700 × 558 × 700 mm (H × W × D)
Weight	57 kg
Supplied Fittings	2xM20 hardware; M20 pole mount / cap
Recommended Amplifier	Not specified in official materials

System Application / Rigging

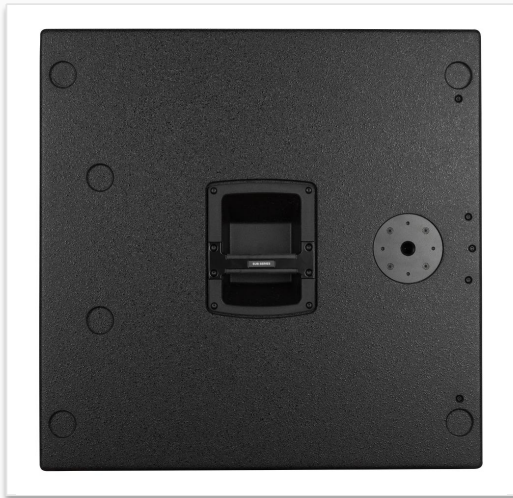


OFFICIAL ACCESSORY SUPPORT

PM-KIT M20 adjustable pole for subwoofer use; height adjustment from 725 mm to 1135 mm.

AC PMX speaker pole mount; adjustable pole with 35 kg maximum load.

STCK-KIT SUB 8006 accessory to lock fly bar with M20 fixing point; two pieces, pins included.



ENCLOSURE OPTIONS

Top and side pole mount receptacles allow upright or side-laid deployment logic.

Stackable cabinet geometry helps quick load-in, setup, and tear-down.

The official cabinet description also references a detachable kart kit for transportation.

Deployment Options

Deployment logic using official hardware and cabinet features

Pole-Mounted Top System

Use the M20 pole mount on the top or side with PM-KIT M20 / AC PMX to support compatible top cabinets above the subwoofer.



Stacked Ground Support

Stackable enclosure supports straightforward ground-stack deployments in rental or installed systems.



Accessory Locking Concept

STCK-KIT SUB 8006 is listed as the official stacking / locking accessory in the product materials.



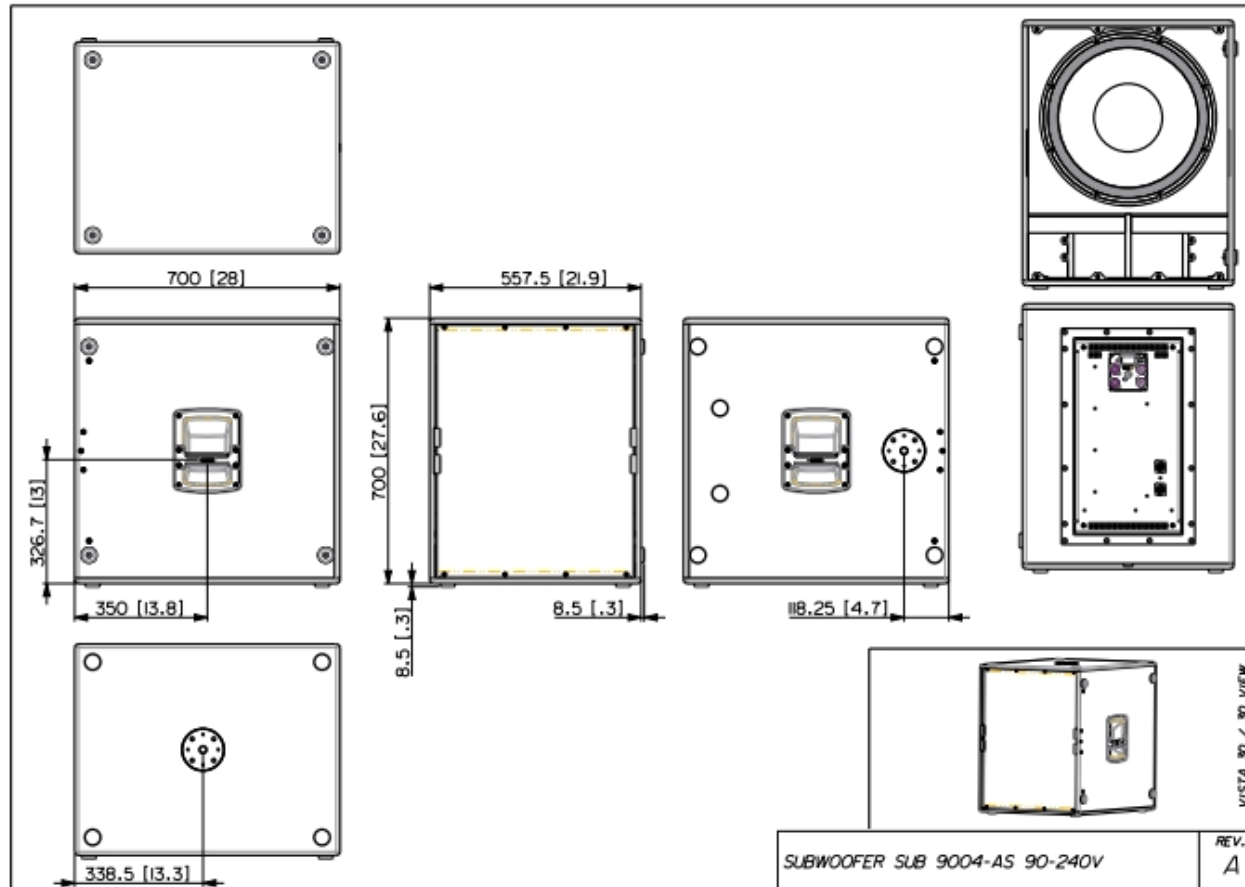
Technical Drawing / Dimensions

Cropped from official line art / datasheet drawing section

LA SOUNDX®

PROFESSIONAL AUDIO SYSTEM

2D



TECHNICAL SPECIFICATIONS

Height

700 mm

Width

558 mm

Depth

700 mm

Dimensions and views are preserved from the official technical drawing source. Minor surrounding datasheet headers were removed for cleaner presentation.

Connections & Hardware Details



I/O AND CONTROL

Input signal: balanced / unbalanced.
Input connectors: XLR, RDNet Ethercon.
Output connectors: XLR, RDNet Ethercon.
Input sensitivity: +4 dBu.
Controls: Gain, Eq., Preset Switch, Output Delay.



POWER & PROTECTION

Power connections: Powercon IN/OUT.
Protections: Thermal, RMS.
Limiter: Fast Limiter.
Cooling: Forced.

Accessories

Official accessory images and official no-image notes



PM-KIT M20

Pole mount kit

Adjustable pole for subwoofer — compatible with speakers. Height adjustment 725 mm to 1135 mm.



AC PMX

Speaker pole mount

Strong steel construction. Adjustable pole with 35 kg maximum load.



STCK-KIT SUB 8006

Accessory to lock fly bar

Accessory to lock fly bar. Two pieces, pins included. M20 fixing point.

Image not
available

**CVR SUB 9004 / RP 1X SUB 9004 / KRT-
WH SUB 9004 / AC XLR 3M3F**

**Protection, transport,
and cable accessories**

Image not available in official materials.

Additional official accessory references from the datasheet: AC PMA TT (for previous version compatibility only), rain protection RP 1X SUB 9004, cover CVR SUB 9004, kart KRT-WH SUB 9004, and cable kit AC XLR 3M3F.

Application Scenarios

Illustrative use scenarios — no unverified case-study images used



Rental Inventory

The official product description explicitly mentions rugged construction that is perfect for AV rental inventories.



Touring Systems

High output, compact footprint, and active control make the unit suitable for portable touring sub support.



Ground Stack Systems

Stackable enclosure and pole-mount options support flexible small-to-medium system deployment.



Networked Control Systems

Onboard RDNet allows monitoring and control when integrated into compatible RCF network workflows.

This page intentionally uses only official product images and editable scenario summaries instead of unverified project photos.

SUB 9004-AS

ACTIVE HIGH POWER SUBWOOFER

Max SPL

136 dB

Power

2800 W Peak

Frequency

30–400 Hz

Weight

57 kg



Summary: SUB 9004-AS combines a powerful 18-inch active subwoofer platform, onboard DSP / RDNet control, and durable birch cabinet construction for demanding low-frequency reinforcement. All specifications and accessory references are grounded in the latest official English datasheet and official product pages.