



SP-15CXXX

HURRICANE — 15" / 38 CM SUBWOOFER

3500 W RMS

CODE 16003

PROFESSIONAL USER MANUAL

INSTALLATION · CARE · SPECIFICATIONS

EN · Rev. 1.0 · September 2026

WELCOME

THANK YOU FOR CHOOSING SPAUDIO

The SP-15CXXX HURRICANE is a high-power 15" / 38 cm subwoofer built for competition-grade car-audio installations that demand maximum output without compromising build quality. This manual guides you from unboxing to a correctly mounted and wired subwoofer.

Read the Safety notes before mounting or wiring the subwoofer. Installation of a high-power driver is a job for a trained installer: damage caused by improper installation, an undersized enclosure or an unmatched amplifier is not covered by warranty.

- ITALIAN DESIGN
- HIGH POWER
- CARBON-LOOK CONE
- SUPPORT

WHAT'S IN THE BOX

- > 1 × SP-15CXXX HURRICANE subwoofer
- > Mounting screw set (see installer for correct gauge/length for your enclosure)
- > Quick-start / warranty card

Packaging contents may vary by batch. Always check the printed box list against the parts received before installing.

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01	Welcome & what's in the box
02	The brand — SP Super Power Audio
03	The product & features
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07	Warranty & contacts

SYMBOLS USED IN THIS MANUAL

- WARNING

risk of injury, fire or serious damage to the vehicle or the subwoofer.
- NOTE

useful information for a better result.
- ALLOWED

configuration within the subwoofer's ratings.
- NOT ALLOWED

configuration that will damage the driver or void the warranty.
- INSTALLER

step for the professional installer.

THE BRAND

SP

SP · SUPER POWER AUDIO — DESIGNED IN ITALY

Performance, design e passione italiana. Every SPAUDIO product is designed in Italy, tuned for real cars and real installers, and built to be recognised at a glance: cast orange baskets, carbon-fibre-effect cones, the tricolour stripe.

SP

Super Power: the speaker-and-lightning mark stands for output without compromise — power you can feel.

AUDIO

Sound first: every driver is built around honest RMS ratings, not inflated burst figures.

ITALIAN DESIGN

Designed in Italy. Distributed in Europe by Audiocar Import & Export, Milano — official SPAUDIO distributor.

SUPER POWER AUDIO

PERFORMANCE · DESIGN · PASSIONE ITALIANA

THE PRODUCT & FEATURES



SP-15CXXX HURRICANE — 15" / 38 CM SUBWOOFER

Part of the SPAUDIO Hurricane line, the SP-15CXXX is built for installers who need a 15" subwoofer capable of sustained high-power operation in a competition SPL or high-end daily system. The carbon-fibre-effect cone and cast basket are matched to a high-temperature voice-coil assembly for consistent output at high excursion.

- + Carbon-fibre-effect cone with reinforced dust cap and SP logo badge
- + Cast orange basket / frame with the SPAUDIO tricolour livery
- + High-power voice-coil assembly with dual tinsel leads (+ / -)
- + Rubber surround sized for high-excursion, high-SPL use
- + Designed in Italy – Hurricane performance line

3500 W RMS

15" / 38 CM

CODE 16003

SPECIFICATIONS

GENERAL SPECIFICATION

Model	SP-15CXXX (HURRICANE)	SPEC PLATE / PHOTO
Nominal diameter	15" / 380 mm class	SPEC PLATE
Rated power (RMS)	3500 W	SPEC PLATE
Product code	16003	SPEC PLATE
Series	HURRICANE — SPAUDIO 2026 range	SPEC PLATE
Cone	Carbon-fibre-effect, high-gloss finish	PHOTO
Basket / frame	Cast, orange livery	PHOTO
Voice coil leads	Dual tinsel leads, + (red) / – (black)	PHOTO
Design	Designed in Italy	SPEC PLATE

DATA PENDING FACTORY DATASHEET

Impedance, sensitivity, frequency response, Thiele-Small parameters (F_s , Q_{ts} , V_{as} , X_{max} , $Bl...$) and peak power are not yet published for this unit at the time of writing. To avoid printing incorrect figures, they are intentionally omitted here. Contact spaudio@spaudio.it for the current factory datasheet before designing a crossover, enclosure or amplifier match.

Figures marked "spec plate" and "photo" are read directly from the product plate and the supplied photography. Latest version at www.spaudio.it.

MOUNTING & DIMENSIONS

INSTALLATION CUTOUT — CONFIRM BEFORE CUTTING



The photograph below shows the true frame and screw pattern of the SP-15CXXX. Because the factory mechanical drawing (cutout Ø, bolt-circle Ø, mounting depth) is not yet available, do not cut any panel from figures in this manual.

- — Always mask and cut the panel using the driver itself (or its supplied template) as the reference, never estimated figures.
- — Confirm mounting depth against the enclosure's internal clearance, including magnet and basket, before final assembly.
- — Request the current factory mechanical drawing at spaudio@spaudio.it and keep it with this manual for the record.

WIRING, ENCLOSURE & CARE

- — Match polarity: connect + (red tinsel lead) to the amplifier's positive speaker output and – (black) to negative. Reversed polarity causes cancellation and poor bass response.
- — Enclosure design (sealed or vented, net internal volume, port tuning) must follow the driver's Thiele-Small parameters once published — do not reuse another model's box.
- — Match amplifier power and impedance to the subwoofer's rating; never exceed the RMS rating shown on the specification page for sustained use.
- — Keep the voice-coil leads clear of the cone's excursion path and secure them so they cannot rattle or chafe against the basket.
- — Break the subwoofer in gradually over the first hours of use at moderate volume before running it at full power.



CARE & MAINTENANCE

Keep the cone and surround free of dust, moisture and direct sunlight. Do not use solvents on the cone finish. Inspect the surround and terminals periodically for wear, especially after high-SPL use.

WARRANTY & CONTACTS

SPAUDIO products are covered by the manufacturer's warranty against manufacturing defects when installed and used according to this manual. Damage from incorrect wiring, an unsuitable enclosure, water, fire or amplifier clipping is not covered.

NEED HELP?

Free technical support from a real person: spaudio@spaudio.it

+39 340 807 8778 · Audiocar Import & Export, Milano — official SPAUDIO distributor

www.spaudio.it



SPAUDIO.IT

DOCUMENT
SP-15CXXX HURRICANE

Product
Subwoofer 15"/38cm

Language
English

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