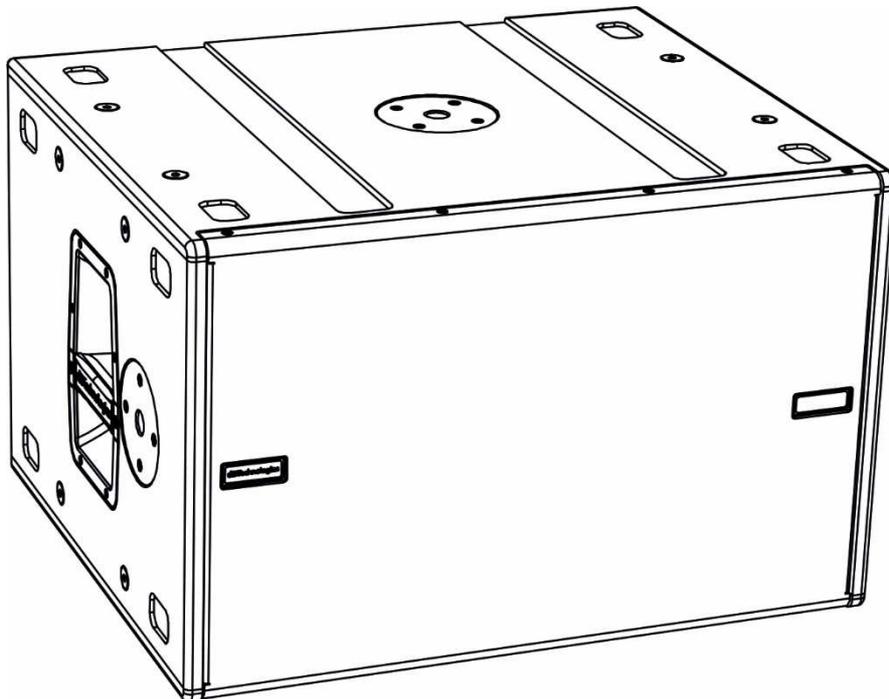


V.O. S115



Quick start user manual *Section 1*

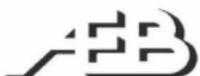
The warnings in this manual must be observed together with the "USER MANUAL - Section 2".

Le avvertenze nel presente manuale devono essere osservate congiuntamente al "MANUALE D'USO - Sezione 2".

Die Warnungen in diesem Handbuch müssen in Verbindung mit der "BEDIENUNGSANLEITUNG - Abschnitt 2" beobachtet werden".

Les avertissements spécifiés dans ce manuel doivent être respectés ainsi que les "CARACTERISTIQUES TECHNIQUES - Section 2"

Las advertencias del presente manual se deben tener en cuenta conjuntamente con las del "MANUAL DEL USUARIO" - Sección 2".



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Thank you for choosing a dBTechnologies Product!

The VIO S115 is a versatile professional subwoofer. A powerful DSP can adapt the live or playback performances to different usage scenarios, and all the sub parameters can be controlled by the user in the rear panel.

The usage is optimized with X206 speakers, and a complete set of accessories allow to match some particular configurations, for example, among others, the line-array mounting with X206 100 models (see the related instructions for further information).

The RDNet connections allow a complete remote control, thanks also to AURORA NET software, freely downloadable from dBtechnologies website.

Check the site www.dbtechnologies.com for the complete user manual!

1) Unpacking

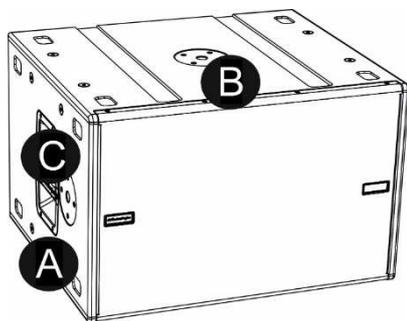
The box contains:

N°1 ViO S115

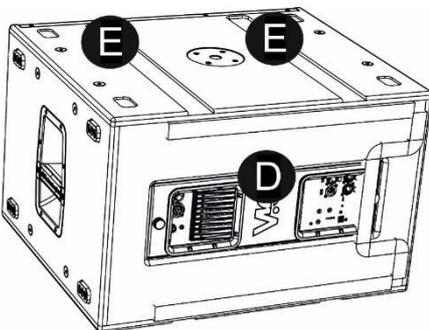
N°1 FUSE

N°1 Mains cable (POWERCON TRUE1)

This quick start and warranty documentation



Front side view



Rear side view

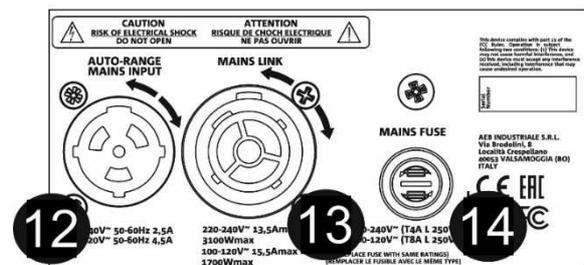
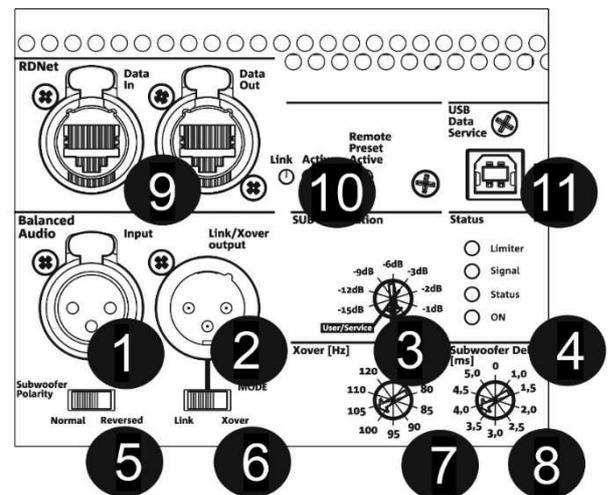
Among the mechanical design particulars we can find:

- A) HANDLES (one for each side)
- B) UPPER POLE MOUNT ADAPTER
- C) LATERAL POLE MOUNT ADAPTER
- D) AMPLIFIER
- E) HOUSINGS FOR CABLES (useful in case of multiple stacked configuration)

Never use the handles to hang the subwoofer!

2) Connections and controls

All the connections and controls are in the amplifier panel, on the side of the monitor:



- 1) Balanced Audio Input
- 2) Output Link
- 3) Sub attenuation
- 4) Control LEDs
- 5) Sub polarity selector
- 6) Sub mode selector
- 7) Xover frequency rotary
- 8) Subwoofer delay
- 9) RDNet section
- 10) Status LED
- 11) USB data service
- 12) Mains Input
- 13) Mains Link
- 14) Mains Fuse

a) Connect the audio input (1). Select the Sub attenuation (3), and the sub parameters (5, 6, 7, 8)

b) If you need to link the S115 to another one, please use a cable with XLR connectors (not supplied). Connect the Link output (2) of the first, to the balanced Input (1) of the second one.

c) In case of remote control, connect the proper Data Input (9) of the first module of the line-array to the hardware remote controller (RDNet Control 2 or RDNet Control 8) with cables equipped with etherCON connectors. Then connect the Data Output (9) of the first module to the Data Input (9) of the second one, and so on. When your VIO X206 is on and the RDNet network is on and it has recognized the connected device, the LED "Link" (10) is on. The other LED (10) "Active" start blinking when there is the presence of data transmission, the "Remote Preset Active" advise that all the local controls set on the amplifier panel (DSP preset) are by-passed and controlled remotely by RDNet. See also RDNet Control 2 and RDNet Control 8 user manuals for further information.

d) Plug properly the mains POWERCON TRUE1 cable (supplied) in the related input (12) to turn on the system.

If needed, connect the power link output (13) of the first module to the mains input (12) of a second VIO X206 (10). The maximum number of linkable elements is: 1+5 (220-240V~) or 1+3 (100-120V~)

3) Optional accessories

The following accessories are presented also to show the usage of S115 together with loudspeakers X206. Some accessories could be not available at the date of publication of this document, please refer to the related accessories instructions and to the site for updates.

Check the complete user manual on www.dbtechnologies.com for further information about the system and available accessories.

Scarica il manuale completo da www.dbtechnologies.com per ogni ulteriore informazione sul sistema e sugli accessori disponibili.

Für weitere Informationen und verfügbares Zubehör lesen sie bitte die vollständige Bedienungsanleitung unter www.dbtechnologies.com.

Vérifiez le manuel de l'utilisateur complet sur www.dbtechnologies.com pour des informations complémentaires du système et des accessoires disponibles.

Compruebe el manual de usuario completo sobre www.dbtechnologies.com para la información adicional sobre el sistema y accesorios disponibles.

PICTURE	DESCRIPTION	NAME	USAGE
	VIO S115 LINK	LP 4	LINK BETWEEN SUBWOOFER/FLYBAR □
	VIO X206 S115 LINK	LP 5	LINK BETWEEN SUB AND TOP WITH SELECTABLE TILT ANGLES 7,5° / 0° / +7,5° □ max 4 HWG elements + 1 subwoofer. Use additional fastening means
	VIO X206 S115 FLYBAR COMPACT	DRK 1	STACK OR FLOWN USAGE
	VIO X206 S115 FLYBAR FULL	DRK 2	STACK OR FLOWN USAGE
	VIO X206 S115 RAIN COVER	RC 1	REMOVABLE RAIN COVER
	FUNCTIONAL COVER VIO S115	FC S115	RAIN COVER THAT CAN BE MAINTAINED IN USAGE

Technical Data

Speaker Type: professional subwoofer

Acoustical Data

Usable Bandwidth [-6dB]:

Freq. response (-10 dB): 36 Hz – (user freq LFP)

Freq. response (-6 dB): 40 Hz – (user freq LFP)

MAX SPL (@1m) : 134 dB

LF Transducer: 15" neodymium (V.C: 4")

Amplifier

Amplifier technology: Digipro G3

Amp Class: Class-D

RMS Power: 900 W

Peak Power: 1800 W

Cooling:

Operating voltage: 100-240V~ (50-60 Hz) FULL RANGE

Processor and user interface

Controller: 96 kHz processing DSP

Limiters: Peak, thermal, RMS

Controls: Sub attenuation, Sub parameters

Rotary presets: 3 (10 positions)

AD/DA Conversion: 24 bit - 96 kHz

Input / Output

Mains: PowerCON TRUE1 IN/LINK

Signal Inputs: 1 x balanced XLR connector

Signal Out/Link: 1 x balanced XLR connector

RDNET connectors: yes

USB connector: mini USB B-type (for SERVICE DATA)

Mechanics

Housing: Wooden Box

Grille: Full metal grille

Handles: 2x

Pole mount: 2x

Rigging point: 16 x M10

Width: 650 mm (25.6 in)

Height: 420 mm (16.5 in)

Depth: 550 mm (21.7 in)

Weight: 32.8 kg (72.3 lbs)

Download the complete user manual from the site:

www.dbtechnologies.com/EN/Downloads.aspx



POWER SUPPLY SPECIFICATIONS (POWER ABSORPTION)

Draw at 1/3 of full power in maximum use conditions ():** 2,5 A (220-240V) – 4,5 A (100-120V)

Power absorption with speaker turned on without signal (idle): 19 W

** INSTALLER NOTES: The values refer to 1/8 of full power, in average operating conditions (music program with infrequent or no clipping). It is recommended to consider them the minimum sizing values for any type of configuration.*

*** INSTALLER NOTES: The values refer to 1/3 of full power, in heavy operating conditions (music program with frequent clipping or activation of the limiter). We recommend sizing according to these values in case of professional installations and tours.*

EMI CLASSIFICATION

According to the standards EN 55103 this equipment is designed and suitable to operate in E3 (or lower E2, E1) Electromagnetic environments.

FCC CLASS B STATEMENT ACCORDING TO TITLE 47, PART 15, SUBPART B, §15.105

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

WARNING: Make sure that the loudspeaker is securely installed in a stable position to avoid any injuries or damages to persons or properties. For safety reasons do not place one loudspeaker on top of another without proper fastening systems. Before hanging the loudspeaker check all the components for damages, deformations, missing or damaged parts that may compromise safety during installation. If you use the loudspeakers outdoor avoid spots exposed to bad weather conditions.

Contact dB Technologies for accessories to be used with speakers. dBTechnologies will not accept any responsibility for damages caused by inappropriate accessories or additional devices.

Features, specification and appearance of products are subject to change without notice.

dBTechnologies reserves the right to make changes or improvements in design or manufacturing without assuming any obligation to change or improve products previously manufactured.

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