

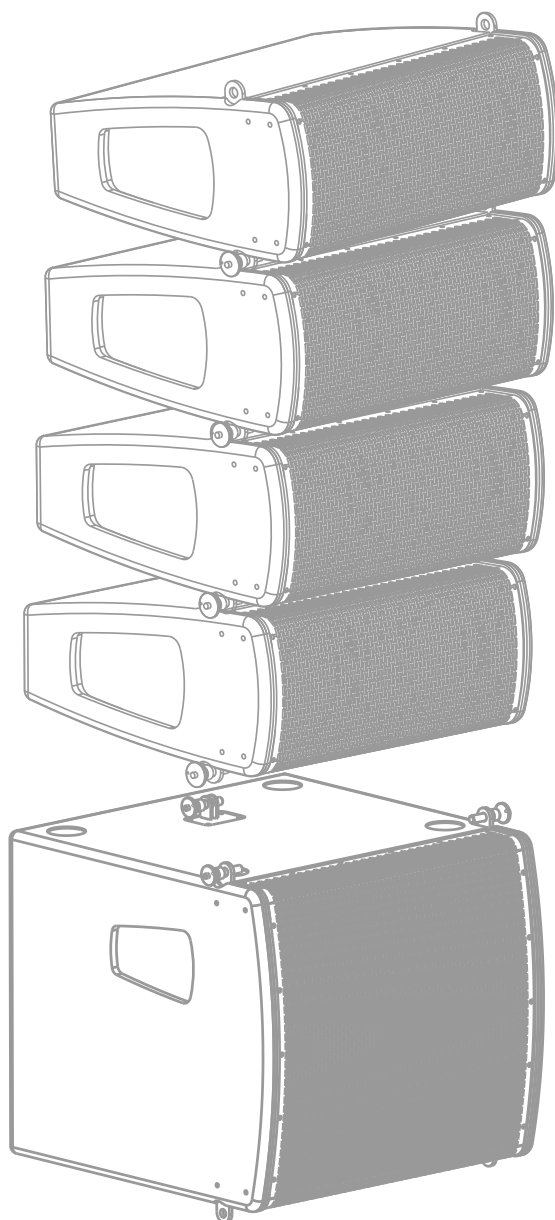
**MOOSE**

[www.mooseaudio.com](http://www.mooseaudio.com)

PROUDLY DEVELOPED AND  
MANUFACTURED IN PORTUGAL

# LOUD

Active Line Array system



## USER'S MANUAL

## Introduction

Dear customer,

Thank for choosing MOOSE branded products!

MOOSE is a brand of professional audio & lighting products, proudly developed and manufactured in PORTUGAL.

In order to operate this product in a safe and reliable manner, please follow the instructions in this booklet and before operating the equipment read the instructions carefully and please note the technical information.

Our products undergo very rigorous testing under strict conditions and they are monitored continuously during the manufacturing process. In order to guarantee the product function and safety, the original parts of the manufacturer's design must be used. If any parts other than those of the manufacturer are used, or the product is modified in any way, the user forfeits all warranty rights to claim.

## Caution

1. Before connecting the equipment to the power outlet, first verify that the mains voltage and frequency match the values specified on the equipment.
2. If the power cord of the device is equipped with an earthing contact, then it must be connected to an outlet with a protective ground. Never deactivate the protective ground of a power cord.
3. Unplug the power cord and power adapter from the power outlet if there is a risk of a lightning strike or before extended periods of disuse.
4. Replace fuses only with fuses of the same type and rating. If a fuse blows repeatedly, please contact an authorised service company.
5. Do not open or modify this equipment.
6. After connecting the equipment, check all cables in order to prevent damage or accidents, e.g., due to tripping hazards.
7. Do not turn on the Amplifier ON before checking that all volumes to zero .

**IMPORTANT:** Never remove the cover, because otherwise there may be a risk of electric shock. There are no user serviceable parts inside. Have repairs carried out only by qualified service personnel.



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock.



The exclamation mark within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions.

### CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN.

To prevent electrical shock do not remove the cover. No user serviceable parts inside. Refer service to qualified personnel only.

The amplifier is marked with this instruction so please proceed accordingly in order to avoid any hazard.

## Manufacturers Declaration

### PROPER DISPOSAL OF THIS PRODUCT

(Valid in the European Union and other European countries with waste separation)



This symbol on the product, or the documents accompanying the product, indicates that this appliance may not be treated as household waste. This is to avoid environmental damage or personal injury due to uncontrolled waste disposal. Please dispose of this product separately from other waste and have it recycled to promote sustainable economic activity.

Household users should contact either the retailer where they purchased this product, or their local government office, for details on where and how they can recycle this item in an environmentally friendly manner. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

### ENVIRONMENTAL PROTECTION AND ENERGY CONSERVATION

Energy conservation is an active contribution to environmental protection. Please turn off all unneeded electrical devices. To prevent unneeded devices from consuming power in standby mode, disconnect the mains plug.

### EC DECLARATION OF CONFORMITY

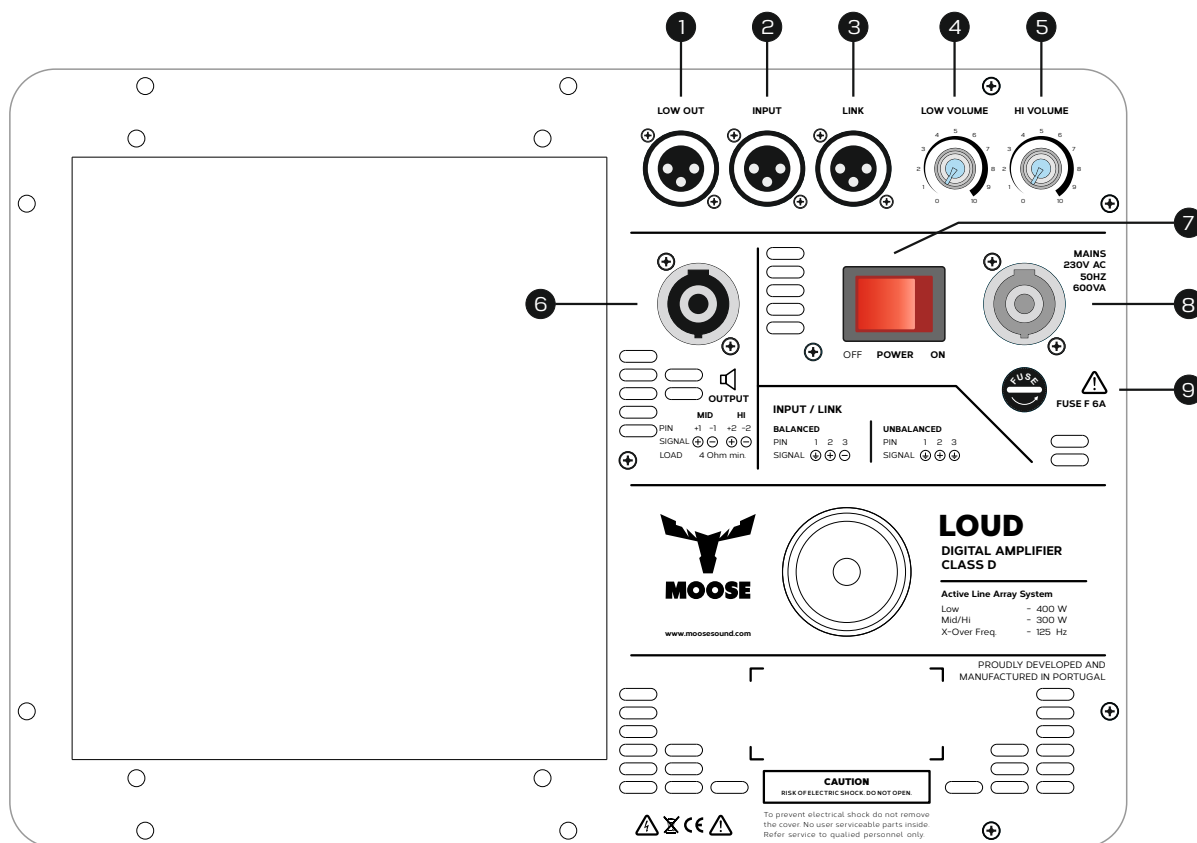
The equipment marketed by MOOSE complies (where applicable) with the essential requirements and other relevant specifications of Directives 1999/5/EC (R&TTE), 2004/108/EC (EMC) und 2006/95/EC (LVD). Additional information can be requested to [info@profactor.pt](mailto:info@profactor.pt).



**PROUDLY DEVELOPED AND MANUFACTURED IN PORTUGAL**

## Connections and Controls

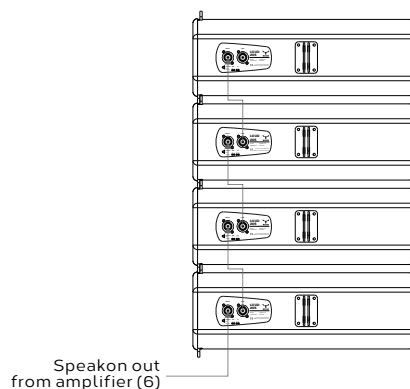
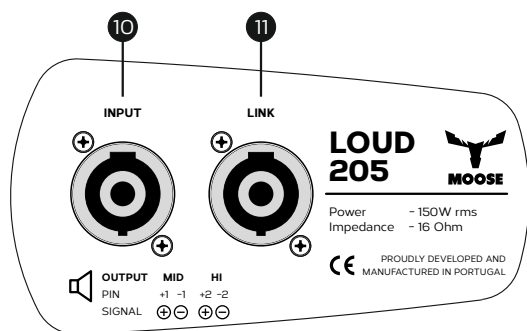
Please refer to the following scheme and instructions:



- 1. LOW OUT:** Balanced signal output (XLR 3p) for connection of another active subwoofer.
- 2. INPUT:** Balanced signal input (XLR 3p) for connection of an external audio source (e.g., mixer).
- 3. LINK:** Balanced signal output (XLR 3p) for connection of another LOUD active system.
- 4. LOW VOLUME:** Subwoofer volume adjustment. Sets the relative volume of subwoofer.
- 5. HI VOLUME:** Mid/Hi column volume adjustment. Sets the relative volume of column speaker.
- 6. OUTPUT:** Speaker output (NL4) for connection of the first LOUD205 array element. Min. load: 4Ohm. The other 3 array elements are signal linked from each other using the cables supplied.
- 7. POWER ON:** Illuminated on/off switch. Before switching the system on or off, always adjust the volume to zero.
- 8. MAINS IN:** NEUTRIK POWERCON socket, AC 230V - 50-60Hz.
- 9. FUSE:** Fuse holder. Replace the fuse only with a fuse of the same type and rating. If the fuse blows repeatedly, please contact an authorised service company.

## Connections and Controls

Please refer to the following scheme and instructions:

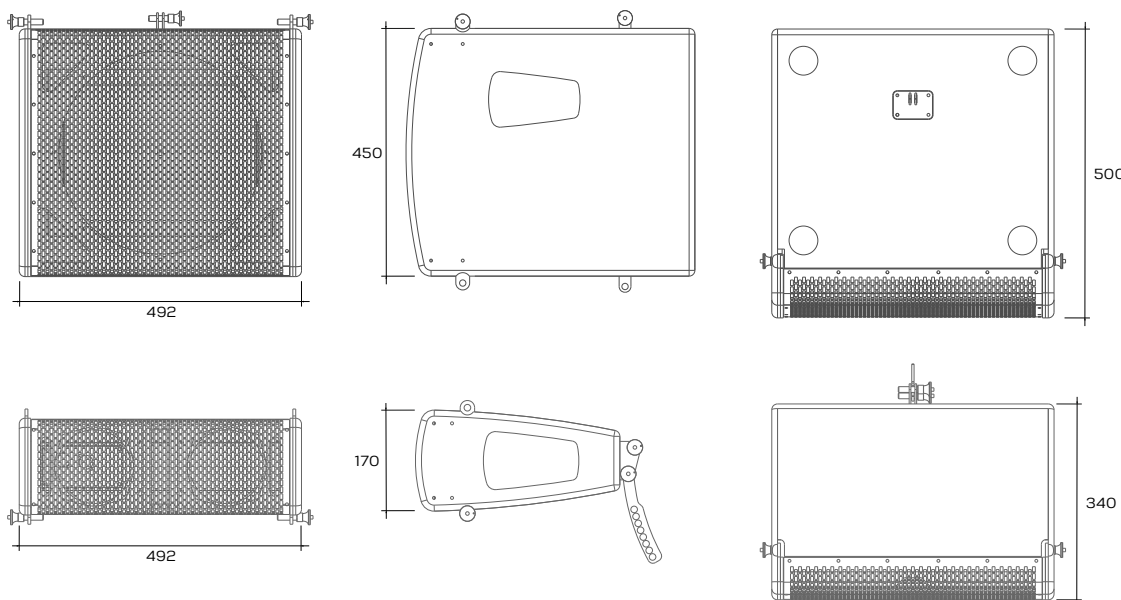


**10. INPUT:** Speakon compatible speaker connection. Bi-amp. setup (refer to the pinout printed in the connector plate). Establish the connection between the subwoofer SPEAKER OUTPUT (6) and the first LOUD205 array element.

**11. LINK:** Speakon compatible speaker link connection for connection of the next LOUD205 array element.

NOTE: the suited speaker cables (4x 1.5mm<sup>2</sup>) are supplied in the package.

## Dimensions



Unit: mm (milimeters)

**IMPORTANT NOTE:** LOUD system is designed for both ground stacking or flying operation. However, we consider the flown position as being the "standard" one. Facing this fact, when using the system on the floor operation the metal grilles will show an upside down MOOSE logo as the system is used in what we call "inverted position".

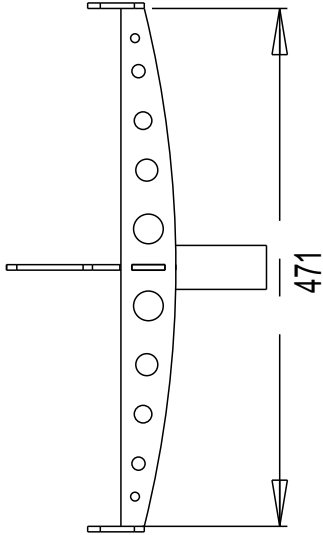
## Technical specifications

MODEL	LOUD SYSTEM
TYPE	Active Line Array system
ENCLOSURE DESIGN	Bass reflex (subwoofer) Trapezoidal array element
POWER OUTPUT (RMS)	400W (subwoofer) 400W (column)
PROGRAM POWER	1600W
FREQUENCY RANGE	45Hz - 19kHz
NOMINAL IMPEDANCE	Speaker OUT: 4ohm min.
TRANSDUCER TYPE	15" LF (subwoofer) 2x 5" MF + 1" HF (satellite)
DISPERSION	Array length-splay dependent
CROSSOVER FREQUENCY	125Hz
MAX. S.P.L. (PEAK)	129dB @ 1m (subwoofer) 113dB @ 1m (satellite)
CONSTRUCTION	15mm birch plywood (subwoofer) 10mm birch plywood (satellite)
GRILLE	Custom perforated metal grille
INSTALLATION, RIGGING, FLYING	Integrated Al/Steel rigging system
DIMENSIONS (WxDxH)	492x450x500mm (subwoofer) 492x340x170mm (satellite)
WEIGHT	30Kg (subwoofer) 75Kg (satellite)
AMPLIFICATION	Class D (digital)
INPUT SENSITIVITY	-2 dBu / +4 dBu
CONTROLS	Sub level, Hi level, ON/OFF switch
CONNECTORS	Line in: XLR 3p, Line out: XLR 3p, LOW out: XLR 3p Speaker out: Speakon® NL4
PROTECTION	Short circuit, limiter

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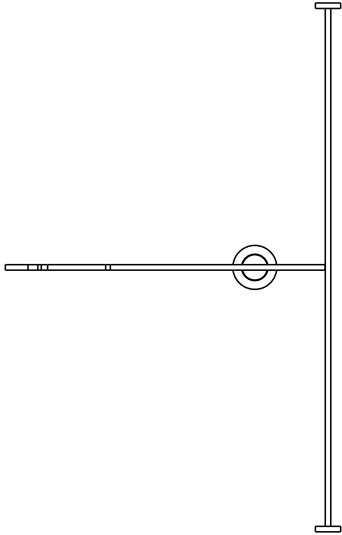
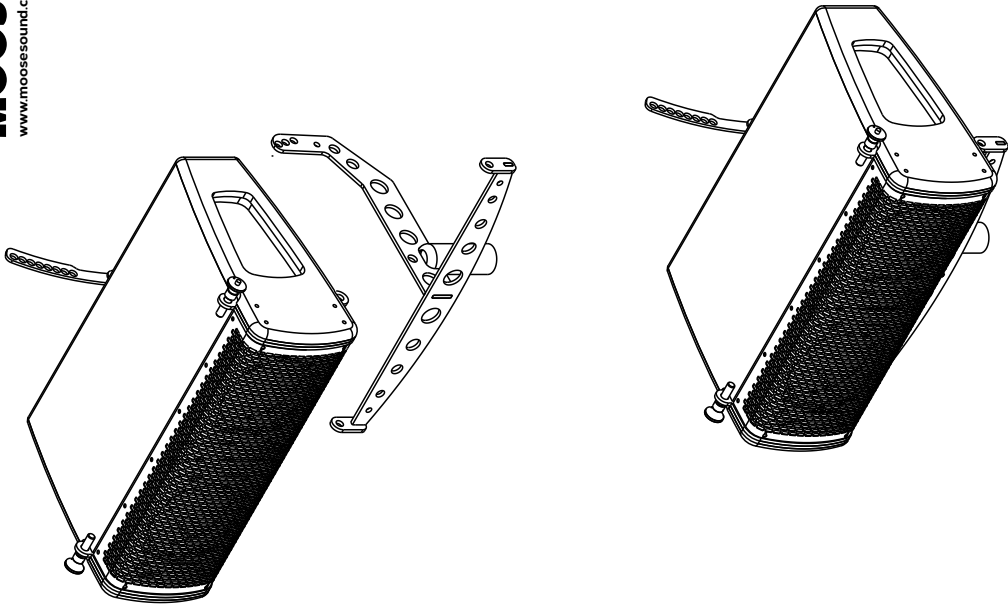
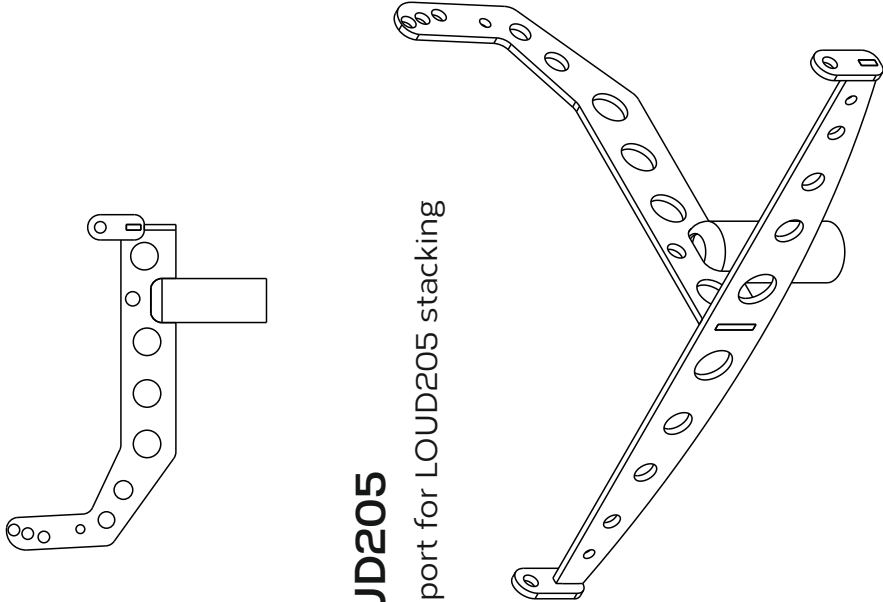


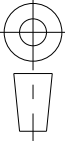
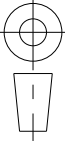
Base de dados:		Gulhotina:	
Ordem:		Quinadora:	
Referência:		Punçionadora:	



## FS-LOUD205

Stand support for LOUD205 stacking



	
Ref.º do Aparelho	Ref.º do Aparelho
XXXX	XXXX
Des. nº	Des. nº
DSS 15045	DSS 15045

Tolerâncias	ISO 2768 CLASSE -M	Revisão	Cliente		
Espessura		Substitui	Nome do desenho		
Material		Unidades	CONJUNTO FS 205		
Páginas	1 / 1	Cor			
Nome do ficheiro	conjunto FS 205				
Localização				desenhou	aprovou
			data	19-02-2015	
			nome	Nelson	



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