



**soundSation**

# LIVEMAKER 1211 NEO

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**1200W Portable Powered  
Column PA System**



## USER MANUAL

*Please read this manual carefully and proper take care of this manual.*



Dear customer,

First of all thanks for purchasing a SOUNDSATION® product. Our mission is to satisfy all possible needs of musical instrument and professional audio and lighting users offering a wide range of products using the latest technologies.

We hope you will be satisfied with this item and, if you want to collaborate, we are looking for a feedback from you about the operation of the product and possible improvements to introduce in the next future. Go to our website [www.soundSationmusic.com](http://www.soundSationmusic.com) and send an e-mail with your opinion, this will help us to build instruments ever closer to customer's real requirements.

One last thing: read this manual before using the instrument, an incorrect operation can cause damages to you and to the unit. Take care!

The SOUNDSATION Team

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## IMPORTANT SAFETY SYMBOLS



The symbol is used to indicate that some hazardous live terminals are involved within this apparatus, even under the normal operating conditions, which may be sufficient to constitute the risk of electric shock or death.



The symbol is used in the service documentation to indicate that specific component shall be replaced only by the component specified in that documentation for safety reasons.



Protective grounding terminal



Alternating current/voltage



Hazardous live terminal

**ON**

Denotes the apparatus is turned on

**OFF**

Denotes the apparatus is turned off

**WARNING:**

Describes precautions that should be observed to prevent the danger of injury or death to the operator.

**CAUTION:**

Describes precautions that should be observed to prevent danger of the apparatus.

## TAKING CARE OF YOUR PRODUCT

- ▶ Read these instructions
- ▶ Keep these instructions
- ▶ Heed all warning
- ▶ Follow all instructions

### WATER / MOISTURE

The apparatus should be protected from moisture and rain and can not be used near water; for example near a bathtub, a kitchen sink, a swimming pool, etc.

### HEAT

The apparatus should be located away from heat sources such as radiators, stoves or other appliances that produce heat.

## **VENTILATION**

Do not block areas of ventilation opening. Failure to do could result in fire. Always install according to the manufacturer's instructions.

## **OBJECT AND LIQUID ENTRY**

Objects do not fall into and liquids are not spilled into the inside of the apparatus for safety.

## **POWER CORD AND PLUG**

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two poles; a grounding-type plug has two poles and a third grounding terminal. The third prong is provided for your safety. If the provided plug does not fit into your outlet, refer to an electrician for replacement.

## **POWER SUPPLY**

In case of external power supply, the apparatus should be connected to the power supply only of the type as marked on the apparatus or described in the manual. Failure to do could result in damage to the product and possibly the user. Unplug this apparatus during lightning storms or when unused for long periods of time.

## **FUSE**

To prevent the risk of fire and damaging the unit, please use only of the recommended fuse type as described in the manual. Before replacing the fuse, make sure the unit turned off and disconnected from the AC outlet.

## **ELECTRICAL CONNECTION**

Improper electrical wiring may invalidate the product warranty.

## **CLEANING**

Clean only with a dry cloth. Do not use any solvents such as benzol or alcohol.

## **SERVICING**

Do not implement any servicing other than those means described in the manual. Refer all servicing to qualified service personnel only. Only use accessories/attachments or parts recommended by the manufacturer.

## **WARNING**

Please remember the high sound pressure do not only temporarily damage your sense of hearing, but can also cause permanent damage. Be careful to select a suitable volume.

## **INTERFERENCE FROM CELL PHONE**

Using a cell phone near the speaker system can induce noise. If this occurs, move the cell phone further away from the speaker system.

## I. UNBOXING

When you'll open the package (2 cartons) you will find the following items:

- ▶ 1 Column speakers
- ▶ 1 Column speaker support
- ▶ 1 Padded Bag with strap, containing the 2 items above
- ▶ 1 Active Subwoofer
- ▶ 1 Power Cord
- ▶ This User Manual

 **WARNING: Packaging bag is not a toy! Keep out of reach of children!!!**  
**Keep in a safe place the original packaging material for future use.**

## 2. ACCESSORIES

SOUNDSATION can supply a wide range of quality accessories that you can use with LIVEMAKER 1211 NEO, like Cables, Microphones, Mixers, stands, etc.

All products in our catalogue has been long tested with this device so we recommend to use Genuine SOUNDSATION Accessories and Spare Parts.

Ask your SOUNDSATION dealer for any accessories you could need to ensure best performance of the product.

## 3. OVERVIEW

LIVEMAKER 1211 NEO is designed as a compact system for live use, especially when portability has to be combined with power. It surprises for its sound quality, the extremely wide coverage and the high sound pressure. The very low weight of the active subwoofer (less than 20kg) and the practical bag with strap, which houses top speaker and connection unit (a little over 5kg in total), make this system the ideal partner for your gigs with which you cannot do without.

The LIVEMAKER 1211 NEO is composed of a passive top unit, an intermediate support unit with a profile identical to the top but only equipped with internal electrical connections, and a subwoofer enclosure containing amplifiers, crossover and input section. The output connections are made via the robust and extremely reliable slide mounting system, which attach the subwoofer top to the middle unit bottom and the middle unit top to the column speaker bottom.

The assembly / disassembly operations are therefore extremely fast and efficient, always guaranteeing the perfect positioning of all elements in a few seconds. The top consists of 8x 2.75" full-range drivers with Neodymium magnets arranged in vertical array.

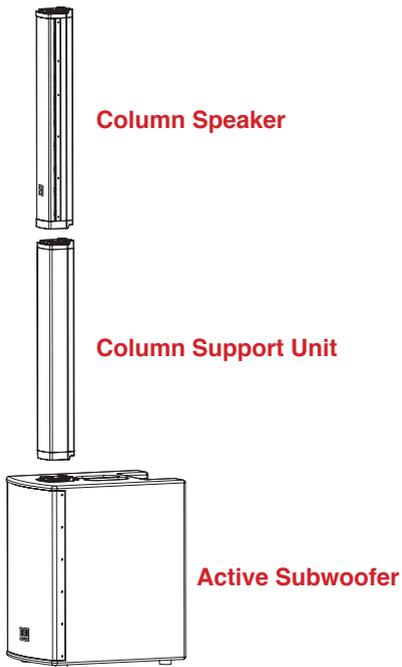
The X-shaped one-by-one horizontal position of the drivers assures a coverage approximately close to 180 °. The vented subwoofer houses a 12" woofer that surprises for the high sound pressure in spite of the small dimensions.

## 4. FEATURES

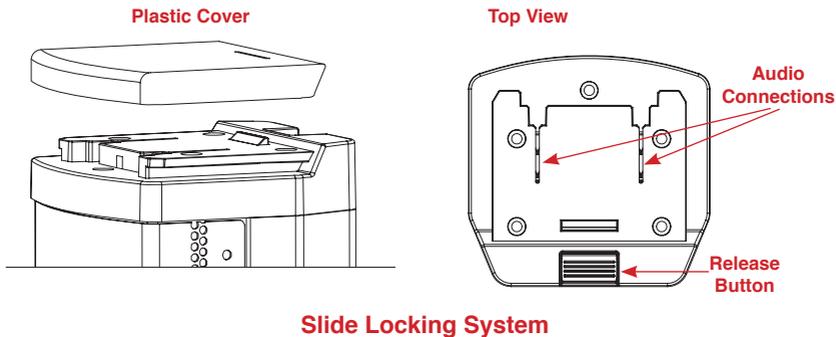
- ▶ 1200W Portable Powered Column PA System
- ▶ Quick and Reliable Slide Mounting System
- ▶ 12" high-excursion subwoofer
- ▶ 8x 2.75" Full-Range Neodymium drivers
- ▶ Top Drivers Alternating X-Arrangement for nearly 180° coverage
- ▶ Internal electrical connection between subwoofer and top column
- ▶ Strong yet Lightweight Plywood enclosures
- ▶ 1200W Peak Power Class-D amp with switching power supply
- ▶ Stereo Crossover with Balanced Inputs/outputs
- ▶ Padded bag with strap for column speaker and support unit
- ▶ Only 24kg total weight for maximum portability
- ▶ Highly designed composite enclosures for durability, lightweight, and acoustic performance

## 5. SETUP

When you'll open the boxes you will find one active subwoofer and one padded bag containing one column speakers and one support unit.



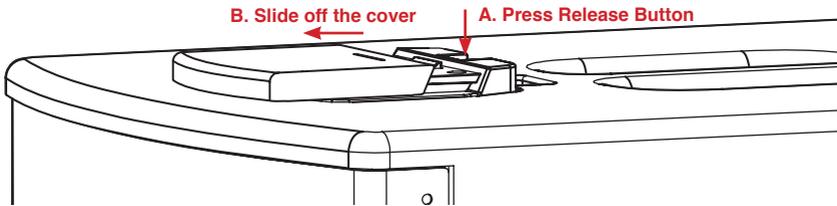
The subwoofer, the support unit and the column speaker represent the 3 basic components of the system. Each component is provided with a slide locking system that leads the audio connections from the amplifier to the speaker.



## 5.1. Assembly

System installation is extremely quick and efficient, whilst ensuring perfect positioning of the elements.

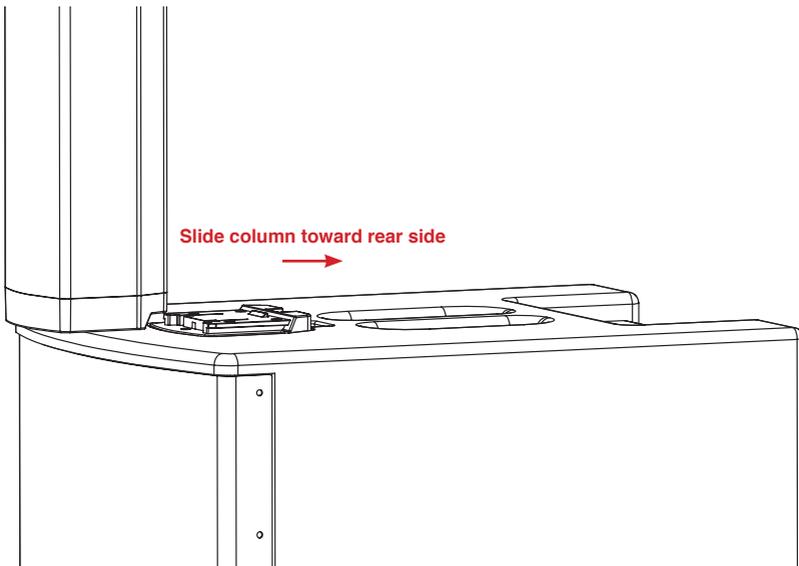
1. Remove the protection plastic cover of the connection system on top of subwoofer near the recessed handle



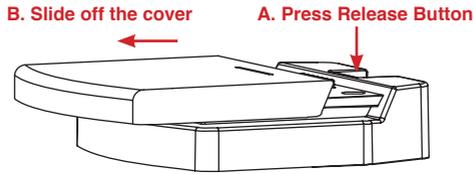
2. Extract from the bag the support element (the column without speakers), place its bottom side (the part without protective cover) on the top of the subwoofer, behind its connection system.

 **WARNING:** Always ensure perfect alignment of the two parts in order to avoid incorrect connection or even damage the locking system.

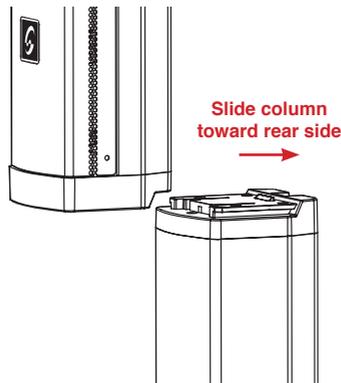
3. Slide the support unit toward the end of locking system guide. You'll hear a click to confirm correct assembly.



4. Remove the protective plastic cover on top of support unit, pull the column speaker from the bag and proceed to its installation by following the same precautions described in section 3.



5. Slide the column speaker toward the end of support unit's locking system guide. You'll hear a click to confirm correct assembly.



## 5.2. Disassembly

Disassembly consists of following the assembly steps in the reverse order, therefore we recommend to start by removing the top speaker and then the intermediate unit.

1. Press the release button on the back of the locking system of the support unit (on which the column speaker is placed) while pushing toward the front in order to remove the column. Be careful to avoid damaging the unit.
2. Make sure there is a plastic protective cover on top of the speaker, then place it in the padded bag.
3. Press the release button on the back of subwoofer's connection system (on which the support unit is placed) while pushing toward the front in order to remove the unit. Be careful to avoid damaging it.
4. Make sure there is a plastic protective cover on top of the support unit, then place it in the padded bag.

5. Finally, place a plastic cover on the subwoofer's connection system.

 **WARNING: Always put protective covers on all connection plates' upper parts on top of column speaker, support unit and subwoofer to prevent damage during transport.**

## 5.3. Connections

### 5.3.1 MAINS CONNECTIONS

Connect the device to the mains with the power-plug. The wire correspondence is as follow:

Cable	Pin	International
Brown	Live	L
Blue	Neutral	N
Yellow/Green	Earth	

 **The earth must to be connected! Pay attention to the safety!**

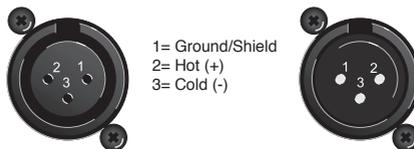
Before taking into operation for the first time, the installation has to be approved by an expert.

### 5.3.2 AUDIO CONNECTIONS

You will need several cables for the various connections to and from the system. See the pictures below that show the internal wiring of these cables. Be sure to use only high quality cables (visit our website [www.soundsationmusic.com](http://www.soundsationmusic.com) for further details).

LIVEMAKER 1211 NEO features balanced line connectors for bot Inputs and outputs. For further details see paragraph "6. SUBWOOFER REAR PANEL" (page 13).

#### Balanced use of XLR connectors

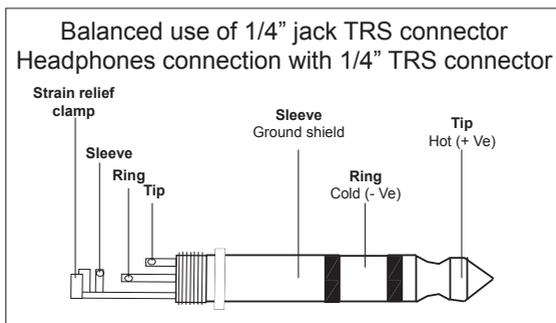
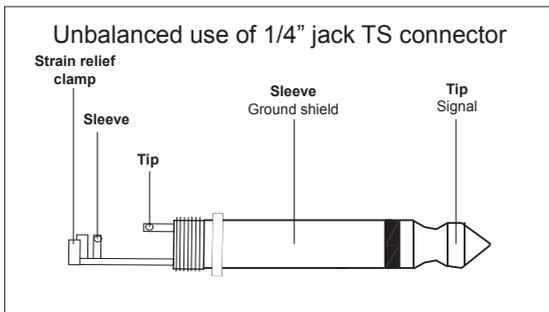


INPUT

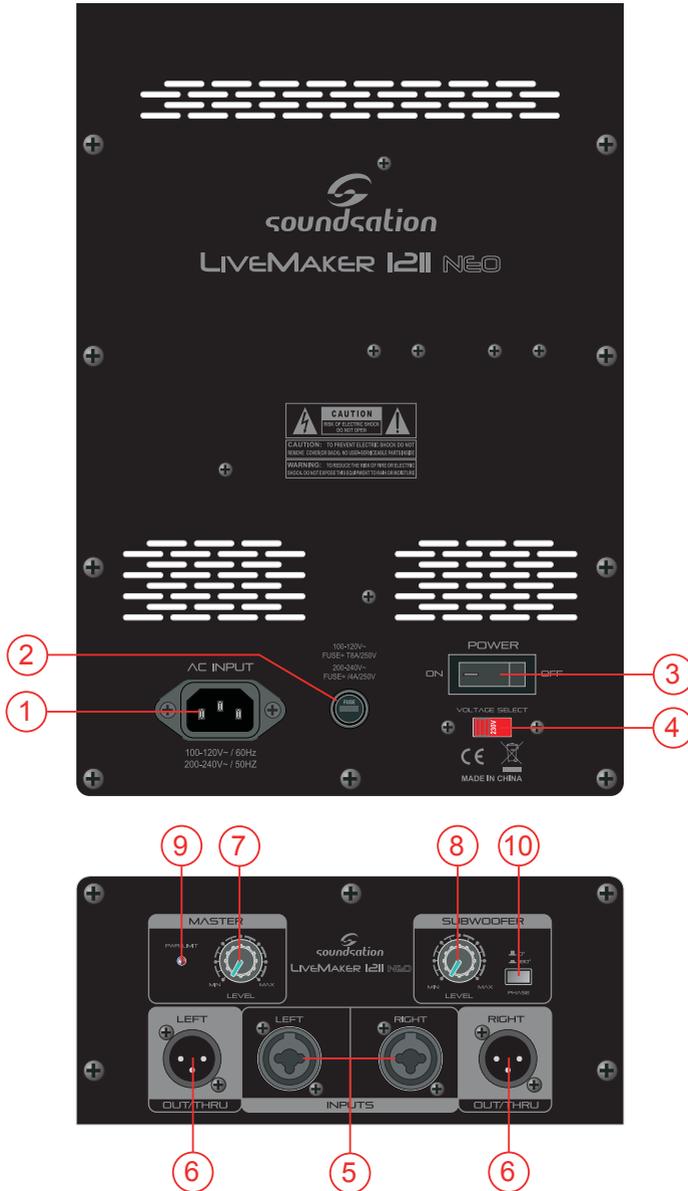
OUTPUT

In case of unbalanced use Pins 1 and 3 will be jumped

You can, of course, connect even unbalanced equipment to balanced inputs. Use either mono and stereo jack, making sure ring and collar are connected together (or pins 1 & 3 in the case of XLR connectors).



6. SUBWOOFER REAR PANEL



## **1. IEC POWER CORD CONNECTION**

Accepts the included power cable for connection to a mains outlet. Connect it to the corresponding input and the mains plug to an outlet.

## **2. FUSE**

The unit is AC power line fuse protected from overloads and fault conditions with a slow-blow 4.0 Amp 250V fuse (100-120V) or 8.0 Amp 250V fuse (220-240V)

## **3. POWER SWITCH**

This switch can be used to switch the diffuser on and off.

## **4. VOLTAGE SELECT SWITCH**

Choosing the right voltage according to the using area. The device is normally set to operate with 230Vac, 50Hz, but can also be operated with 115Vac, 60Hz. For this purpose, set the voltage selector switch to the 115V position.

## **5. LEFT/RIGHT INPUTS**

The line-level inputs are set to medium impedance balanced type. Jack (7, 8) is a combo female XLR and 1/4" TRS connector.

## **6. THRU OUTPUTS**

These male XLR jacks provide a means to send the input signal on to another device, or to daisy chain the preamp stage into another LIVEMAKER 1211 NEO unit.

## **7. MASTER SYSTEM LEVEL**

Controls the gain (level) of both Left and Right input channels at the same time, of the entire powered stereo speaker system. It is used to directly set the system output level for a given input signal. It turns the level of both the Subwoofer AND the Satellite speakers up or down at the same time. Clockwise rotation increases the level, counter-clockwise rotation reduces it. The sound is full OFF when the control is rotated full CCW. When set to a 12 o'clock position, the gain will match well with many mixers and sound sources.

## **8. SUB LEVEL**

Controls the gain (level) of the Subwoofer ONLY, allowing the balance between the bass and the rest of the sound to be adjusted.

## **9. POWER/LIMIT LED**

It is on, or GREEN, when power is applied. It turns RED when any of the power amps soft limiting, or when the input channel is overloaded.

## **10. PHASE SWITCH**

Change by 180° the PHASE of the Subwoofer ONLY

## 7. SPECIFICATIONS

<b>System</b>	
System type	Powered Column PA System
Maximum SPL output	120dB
Freq. Range	45Hz-20KHz
AC Input	115-240V 50/60Hz (voltage selector switch sets operational range)
<b>Subwoofer Speaker</b>	
Type	Active vebted subwoofer
Freq. Range	45Hz-150Hz
LF Driver	12" woofer, 2.5" v.c.
Crossover Frequency	150Hz (24dB/Oct.)
Cabinet	PLY with black painted finish
Grill	1.2 mm steel
<b>Column Speaker</b>	
Type	Passive full-range speaker
Frequency Response	160Hz-20KHz
Maximum SPL output	120dB
Impedance	4 ohms
HF Driver	8x 2.75" full-range line array with Neodymium magnet
Cabinet	PLY with black painted finish
Grill	1.0 mm steel
<b>Amplification</b>	
Amplifier Design	Class D with switching power supply
Power	350W (Sub) + 250W (Sat) RMS – 700+500W Peak
Speaker Output Connections	Internal wiring with slide locking system
Input Connectors	Left/Right XLR/TRS combo jack
Output Connectors	Left/Right OUT/THRU XLR
Signal Indicators	Power/Limit LED: Green = signal present, Red = limiter operation
Controls	Master Level Knob, Subwoofer Level knob
<b>Mechanicals</b>	
Handles	One on top of each speaker
Column Speaker Dimension (HxWxD)	140 x 709 x 100 mm (support unit has same dimension of column speaker)

Bag Dimension (HxWxD)	238 x 738 x 118 mm
Subwoofer Dimension (HxWxD)	370 x 615 x 500 mm
Column Speaker Carton (HxWxD)	240 x 740 x 120 mm (Including Clumn speaker, Support Unit and bag)
Subwoofer Carton (HxWxD)	470 x 660 x 600 mm
Column Net Weight	Speaker 3.0kg + Support Unit 1.6kg + 0.8kg
Column Pack Gross Weight	6kg
Subwoofer Net Weight	19.6kg
Subwoofer Gross Weight	22kg

## 8. SYSTEM TROUBLESHOOTING

<b>System Will Not Turn On</b>	Is the included power cord correctly connected to a power outlet?
<b>Amplifier Turns Off Suddenly</b>	Is the LIMIT LED flashing continuously? If the LIMIT LED is flashing, the amplifier is being used beyond its design capabilities. Turn down LEVEL knob to where the LIMIT light only occasionally.
<b>No Sound From the Speaker</b>	Are external instruments or speakers correctly connected to the system?  Is the LEVEL control set to appropriate level?  If there is still no sound, contact qualified service personnel.
<b>Distortion or Noise in the Audio Signal</b>	Is LEVEL control and/or SUBWOOFER LEVEL control set to appropriate levels?  Is the input signal from the connected device set to an appropriate level?
<b>Output Level is Low</b>	Is LEVEL control and/or SUBWOOFER LEVEL control set to appropriate levels?  Is the input signal from the connected device set to an appropriate level?
<b>Connecting an Auxiliary Powered Speaker</b>	Connect an auxiliary powered speaker to the LEFT and RIGHT OUT/THRU connectors. These OUT/THRU signals bypass MASTER LEVEL control.  If mono signal is desired, useonly the LEFT OUT/THRU connector.

## 9. WARRANTY AND SERVICE

All SOUNDSATION products feature a limited two-year warranty. This two-year warranty is specific to the date of purchase as shown on your purchase receipt.

The following cases/components are not covered from the above warranty:

- Any accessories supplied with the product
- Improper use
- Fault due to wear and tear
- Any modification of the product effected by the user or a third party

SOUNDSATION shall satisfy the warranty obligations by remedying any material or manufacturing faults free of charge at SOUNDSATION's discretion either by repair or by exchanging individual parts or the entire appliance. Any defective parts removed from a product during the course of a warranty claim shall become the property of SOUNDSATION.

While under warranty period, defective products may be returned to your local SOUNDSATION dealer together with original proof of purchase. To avoid any damages in transit, please use the original packaging if available. Alternatively you can send the product to SOUNDSATION SERVICE CENTER – Via Enzo Ferrari , 10 – 62017 Porto Recanati - Italy . In order to send a product to service center you need an RMA number. Shipping charges have to be covered by the owner of the product.

For further information please visit [www.soundsationmusic.com](http://www.soundsationmusic.com)

## 10. WARNING

PLEASE READ CAREFULLY – EU and EEA (Norway, Iceland and Liechtenstein) only



This symbol indicates that this product is not to be disposed of with your household waste, according to the WEEE Directive (2002/96/EC) and your national law.

This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (WEEE).

Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources.

For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, approved WEEE scheme or your household waste disposal service.

  
**soundsation**



MADE IN CHINA

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This product is imported in EU by  
Questo prodotto viene importato nella UE da  
FRENEXPORT SPA – Via Enzo Ferrari, 10 - 62017 Porto Recanati - Italy

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