



AVANTI

S E R I E S

User's Manual

PROFESSIONAL SPEAKER SYSTEM

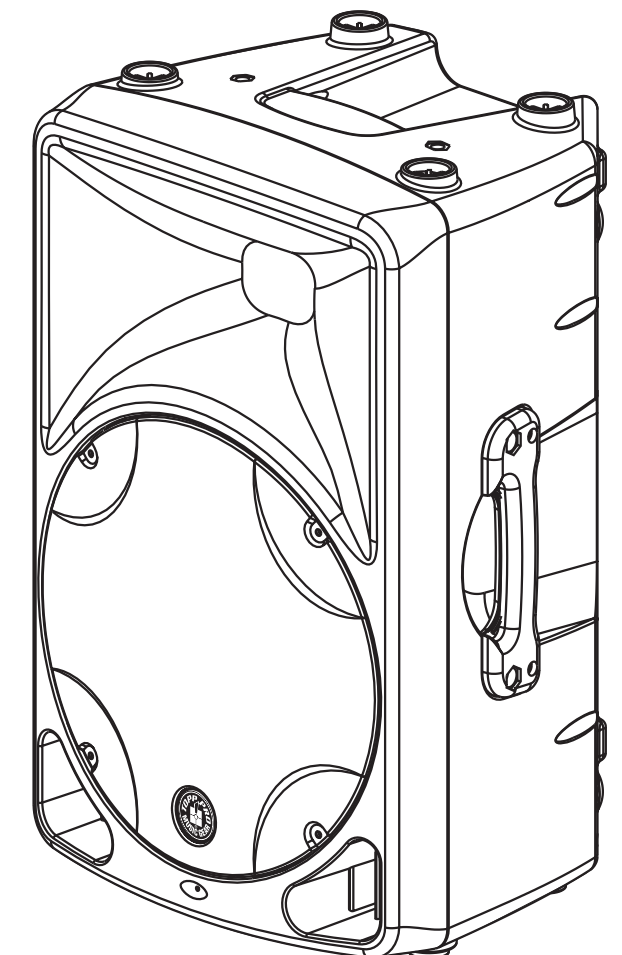
AVANTI 15A



TOPP PRO MUSIC GEAR
www.topppro.com

15"

Speaker Cabinet



AVANTI

S E R I E S

11 WARRANTY

Topp Pro guarantees the normal operation of the product against any defect of manufacture and/or vice of material, by the term of (12) months, counted as of the date of purchase on the part of the user, committing itself to repair or to change, to its election, without position some, any piece or component that will fail in normal conditions of use within the mentioned period.

This guarantee is valid if the original buyer will have to present/display this certificate properly sealed and signed by the selling house, accompanied by the corresponding invoice of purchase where it consisted the model and serial number of the acquired equipment.

The guarantee does not cover:

- Damages caused by the illegal use of the product, repair and/or non authorized modification conducted by people by **Topp Pro**.
- Damages caused by the connection of the equipment to other equipment different from the specified ones in the manual of use, or by bad connection to these last ones.
- Damages caused by electrical storms, blows and/or incorrect transport.
- Damages caused by excesses or falls of tension in the network or by connection to networks with a tension different from the required one by the unit.
- Damages caused by the presence of sand, acid of batteries, water, or any strange element inside the equipment.
- Deteriorations produced by the course of the time, use and/or normal wear of the unit.
- Alteration or absence of the serial number of factory of the equipment.

The repairs could only be carried out the authorized technical service by **Topp Pro**, that will inform about the term and other details into the repairs to take place according to this guarantee.

Topp Pro, will repair this unit in counted a term non greater to 30 days as of the date of entrance of the unit to the Technical Service. In those cases in that due to the particularity of the spare part, outside necessary their import, the repair time and the viability of the same one will be subject to the effective norms for the import of parts, in which case one will inquire to the user about the term and possibility into repair.

With the object of its correct operation, and of the validity of this one guarantee, this product will have to be installed and to be used according to the instructions that are detailed in the manual associate or the package of the product.

This unit will be able to appear for its repair, next to the invoice of purchase (or any other proof where the date of purchase consists), to its authorized distributor **Topp Pro** or an authorized technical center on watch by **Topp Pro**.

Exclusion of damages:

THE RESPONSABILITY OF **TOPP PRO** BY ANY DEFECTIVE PRODUCT IS LIMITED THE REPAIR OR THE REPLACEMENT OF HE HIMSELF, TO **TOPP OPTION PRO**. IF WE CHOSE TO REPLACE THE PRODUCT, THE REPLACEMENT CAN BE A RECONDITIONATED UNIT. **TOPP PRO** WILL NOT BE RESPONSIBLE BY THE DAMAGES BASED ON THE LOST, INCONVENIENCE, LOSS OF USE, BENEFITS, LOST SAVINGS, BY THE DAMAGE TO OTHER EQUIPMENT OR OTHER ARTICLES IN THE USE SITE, OR BY ANY OTHER DAMAGE IF HE IS FORTUITOUS, CONSEQUENT OR OF ANOTHER TYPE, ALTHOUGH **TOPP PRO** HAS BEEN NOTICED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow to the exclusion or the limitation to the fortuitous or consequent damages, so the aforesaid limitation can not be applied to you.

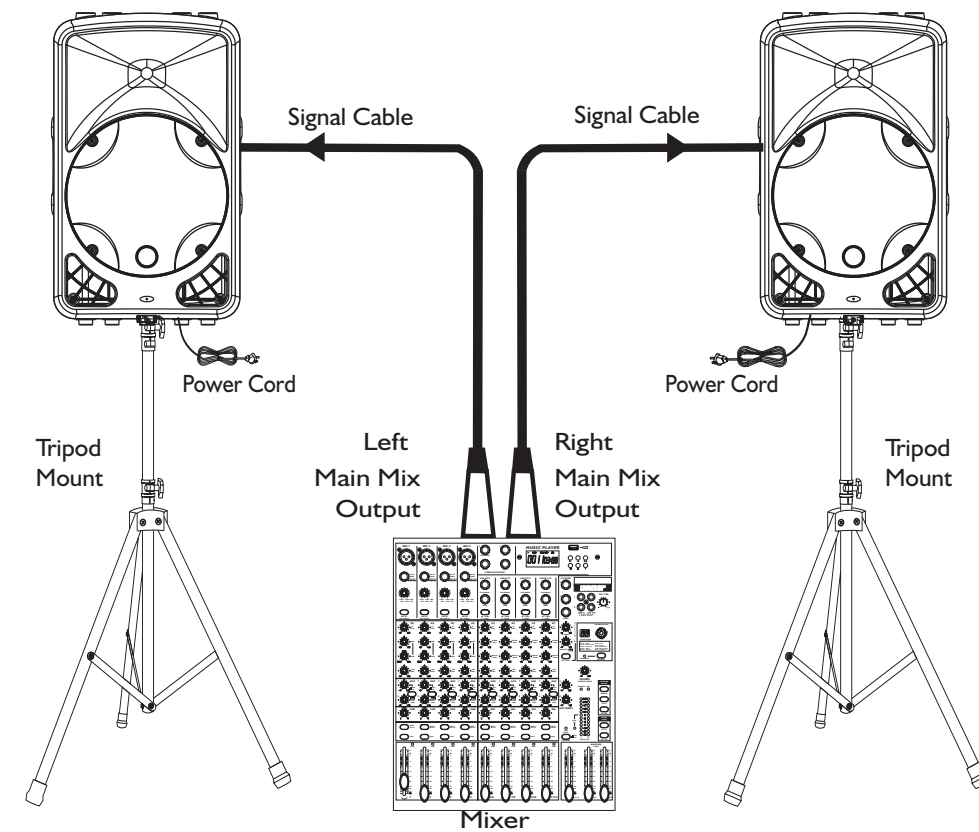
This guarantee gives specific legal rights, you can also have other right that varies of state to state.

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Quick Start

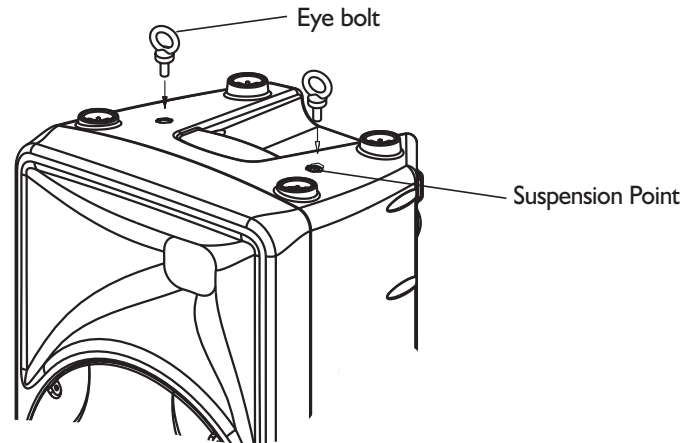
Make all initial connections with all the equipments powered off, and ensure that all the main volume controls are turned completely down.

- 1). Connect one side of the signal cable at your audio mixer into output left / right (with Stereo-Jack or XLR) and the other side of the cable into the line input Stereo-Jack) of your active speaker cabinet.
- 2). Connect the power cord to mains.
- 3). Turn on your mixer first, then the active speaker cabinets.
- 4). Turn up the volume control of the active speaker cabinets.
- 5). Use PFL function to get the proper input level for the mixer, and adjust the main mix level control to manipulate the output level.
- 6). After using, turn off your active speaker cabinets first, then the mixer.

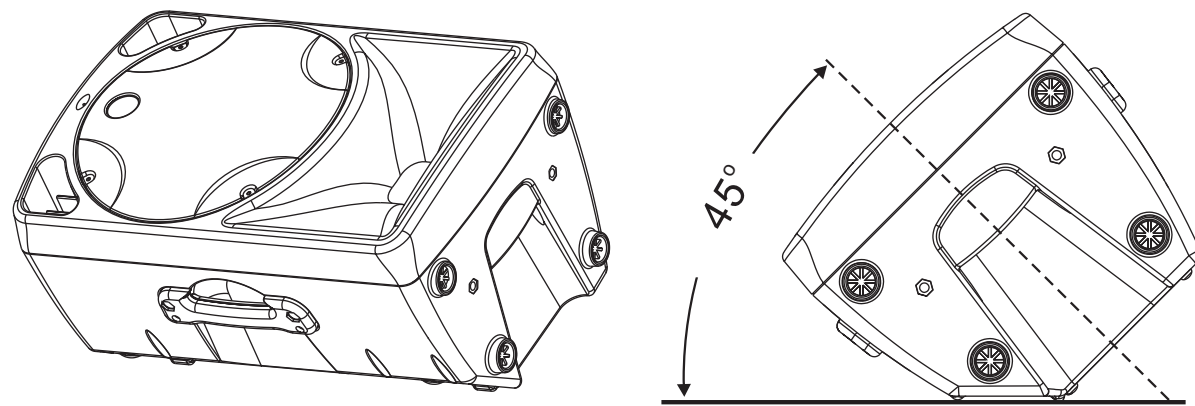


5 Rigging

The AVANTI series speaker cabinet also provides the suspension points for installation. (M10x1.5PH LENGTH: 30mm).
For further details, please refer to the right illustration(OPTIONAL FUNCTIONAL)

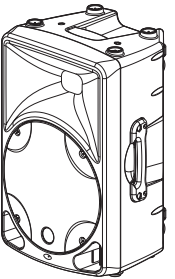


The floor use is as a function of a monitor when the angle is 45°



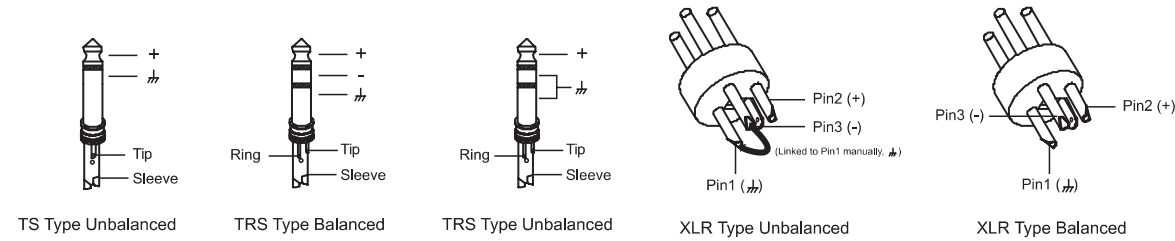
Technical Specifications

Model Active	AVANTI 15A
System Type	2-Way Active Vented Speaker
Transducer Low	15" Woofer, 2"voice coil
Transducer Driver	1" NEO Driver, 1" Voice Coil
Horn Coverage H° x V°	90°H x 45°V
Frequency Response (-6dB)	55Hz-20KHz
Crossover Frequency	2.5K Hz
Max SPL	117dB Max.
Power Rating	Class D SMPS (Bi-AMP , LF 90W/RMS + HF 30W/RMS), 250W Program power
USB Player	With USB&Mirco SD CARD, Bluetooth
Connector	INPUT1-Mic With XLR*1&6.3 Jack*1/INPUT2-Line With XLR*1&6.3Jack*1&3.5Jack*1
External Controls	Input 1&2 and Master Volume Control/2 Band EQ-High&Low/ Power ON with Green LED/Clip Limiter with Red LED
Electronic Protections	Thermal/Overload/Analog limiter/Compressor
Power Supply	110~120 /220~240V~50 /60Hz swtichable
Enclosure Construction	Plastic cabinet, Trapezoidal & Monitor shape, Metal grille, Rubber foot, 3* Handles (both side and Top)
Mounting	36MM standard pole-mount/ M10*4PCS Flying Pointing(Optional)
Dimensions (HxWxD)	632*386*366 mm
Net Weight	14.37(kg)
Volume	5.35CFT



9 Wire Connections

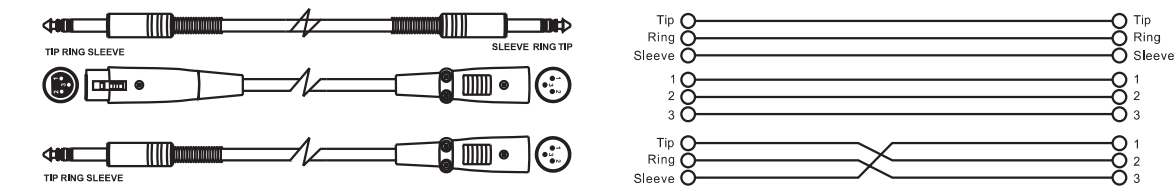
Both connectors, 1/4" XLR or TRS, can be wired in balanced or unbalanced way, depending on the work necessity. The following ones are examples of how these connectors can be wired:



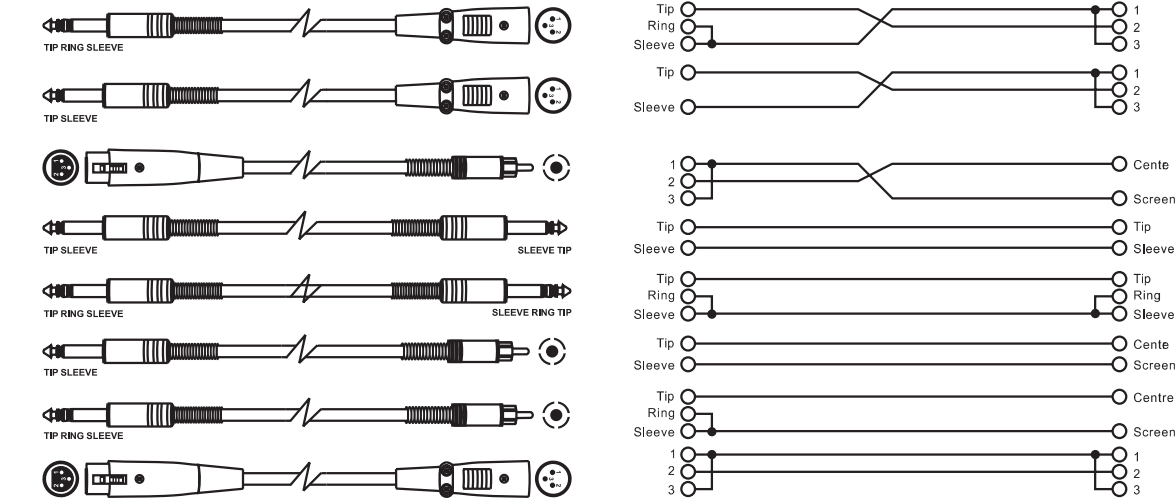
For Active Speaker Cabinets

As to these circumstances, audio connections is mostly intended for the signal flow, so, determine the wire configuration according to your real application system and its connecting facility. Normally, you have the following choices:

• Balanced



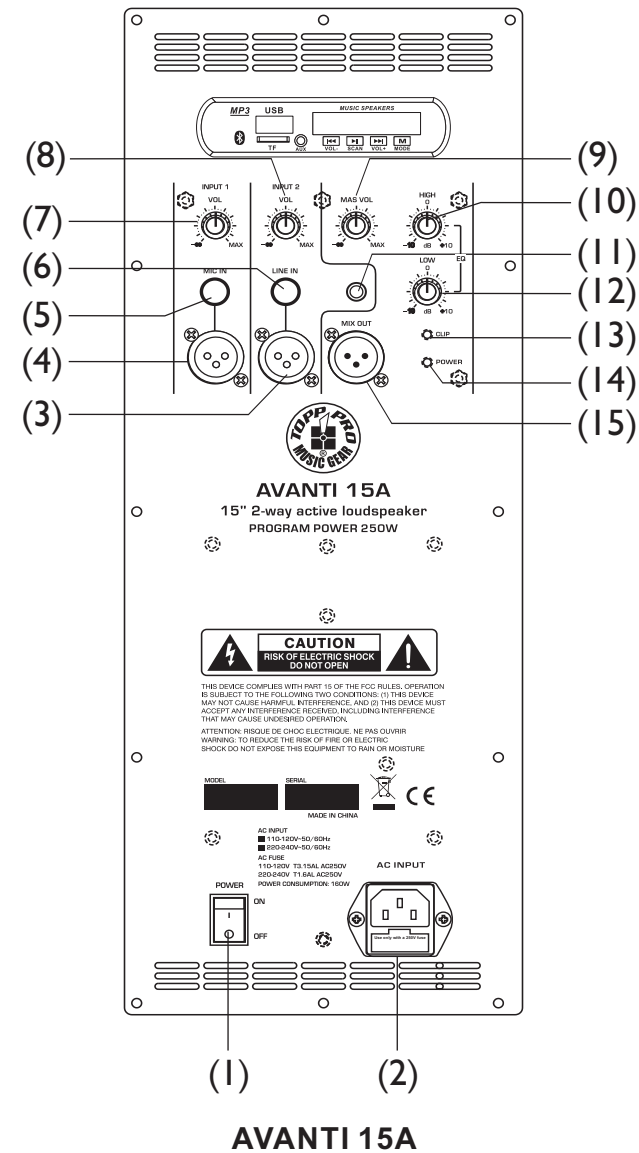
• Unbalanced



6 Panel Description

AMP INTERFACE

- (1) BI-POLAR MAIN POWER SWITCH
- (2) AC POWER SOCKET WITH MAIN FUSE
- (3) LINE INPUT ON XLR CONNECTOR
- (4) MIC INPUT ON XLR CONNECTOR
- (5) MIC INPUT ON 1/4 JACK CONNECTOR
- (6) LINE INPUT ON 1/4 JACK CONNECTOR
- (7) MIC INPUT VOLUME CONTROL
- (8) LINE INPUT VOLUME CONTROL
- (9) MASTER VOLUME CONTROL
- (10) EQ-HIGH CONTROL
- (11) LINE INPUT ON AUX CONNECTOR
- (12) EQ-LOW CONTROL
- (13) CLIP INDICATOR RED LED
- (14) POWER INDICATOR GREEN LED
- (15) MIX OUT ON XLR CONNECTOR



7 Panel Description

USB PLAYER

- (a) Insert a standard microSD card
- (b) Insert USB player
- (c) Aux Input
- (d) Play the last song or decrease the volume after pressing 2 seconds
- (e) Press this key to start playing or Press this key to pause
- (f) Play the next song or increase the volume after pressing 2 seconds
- (g) PLAY MODE

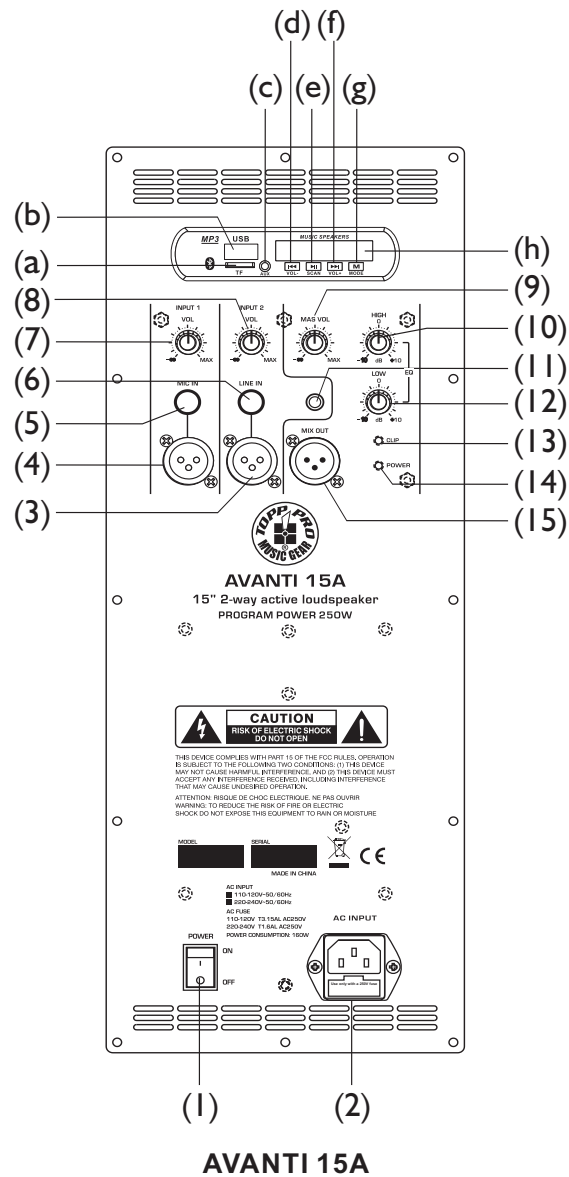
In the opening or playing state, press this key to select the three circling modes in order:

Line: The player plays the files you input. The mark on the screen is "LINE".

Bluetooth: The player plays the files from your bluetooth device The mark on the screen is "BT"

USB : The player plays the files in a standard USB drive. The mark on the screen is "USB"

- (h) Display the status of USB playing



Frequency Response Diagram

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