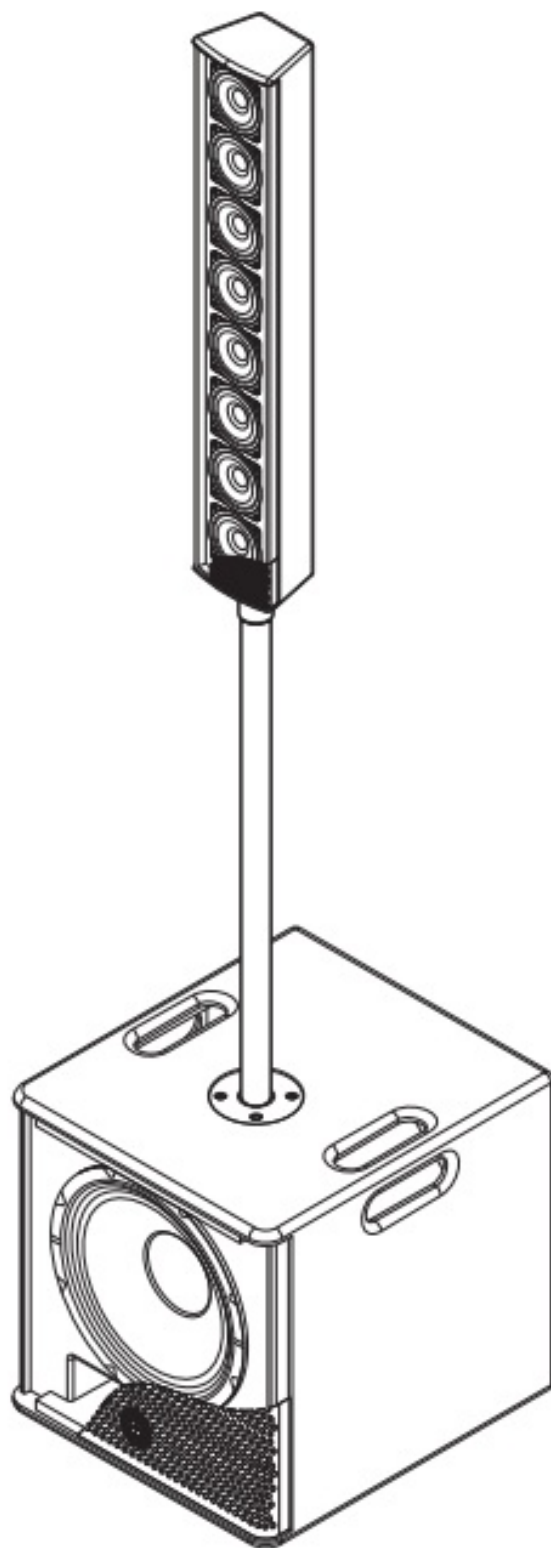
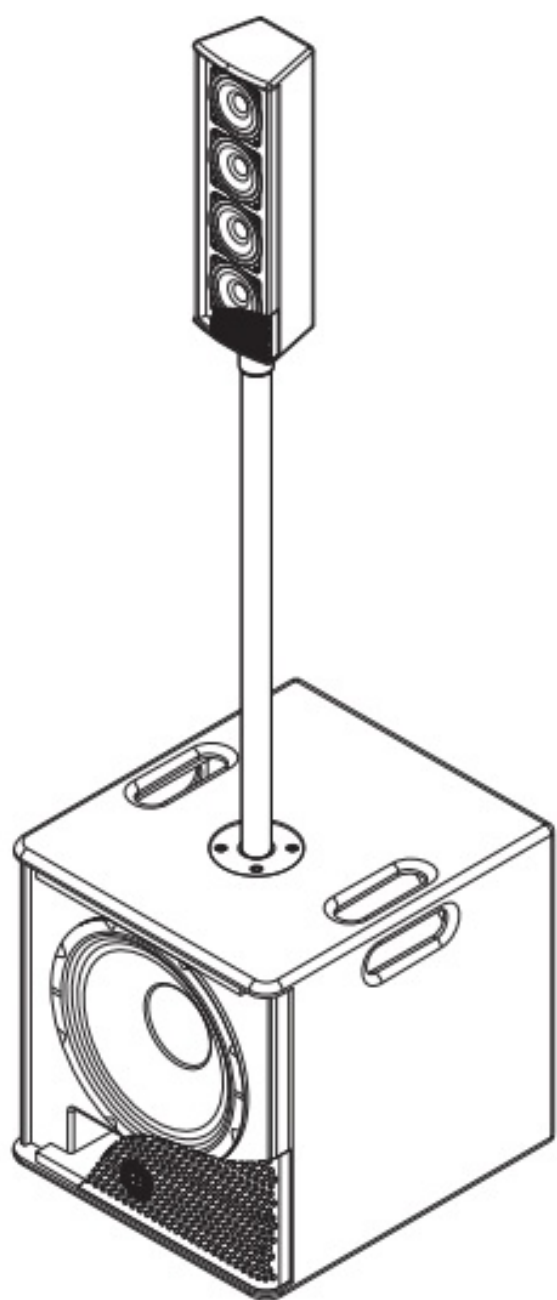


SOHO V4, V8, S10, S12, S15 Loudspeaker System User Manual

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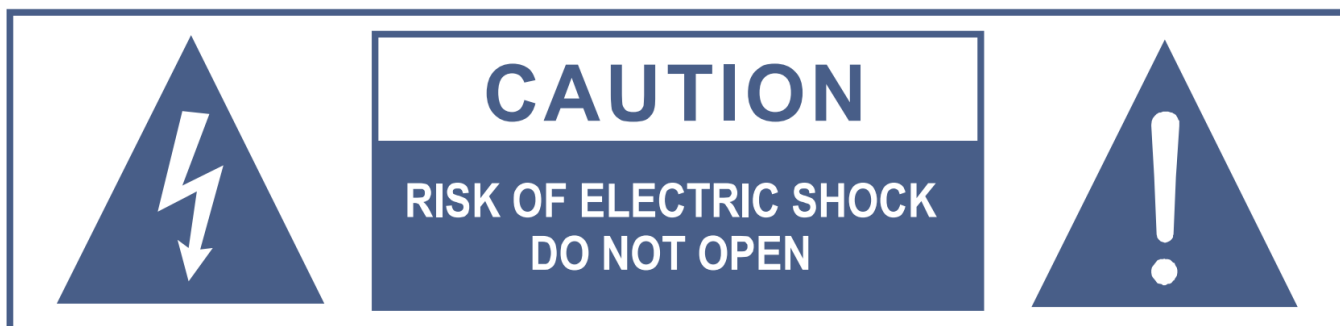
SOHO V4, V8, S10, S12, S15 Loudspeaker System



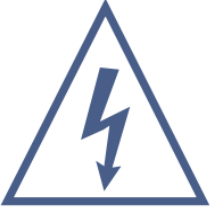




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Important Safety Instructions




TO REDUCE THE RISK OF ELECTRIC SHOCK PLEASE DO NOT REMOVE THE COVER OR THE BACK PANEL OF THIS EQUIPMENT. THERE ARE NO PARTS NEEDED BY USER INSIDE THE EQUIPMENT. FOR SERVICE, PLEASE CONTACT QUALIFIED SERVICE CENTERS.

	This symbol, wherever used, alerts you to the presence of uninsulated and dangerous volt ages in the product enclosure. These are voltages that may be sufficient to constitute the ri sk of electric shock or death.
	This symbol, wherever used, alerts you to important operating and maintenance instructions. Please read.
	Protective Ground Terminal
	AC mains (Alternating Current)
	Hazardous Live Terminal
ON:	Denotes the product is turned on.
OFF:	Denotes the product is turned off.

CAUTION


Describes precautions that should be observed to prevent damage to the product.

1. Read this Manual carefully before operation.
2. Keep this Manual in a safe place.
3. Be aware of all warnings reported with this symbol. 
4. Keep this Equipment away from water and moisture.
5. Clean it only with dry doth. Do not use solvent or other chemicals.
6. Do not damp or cover any cooling opening. Install the equipment only in accordance with the Manufacturer's instructions.
7. Power Cords are designed for your safety. Do not remove Ground connections! If the plug does not fit your AC outlet, seek advice from a qualified electrician. Protect the power cord and plug from any physical stress to avoid risk of electric shock. Do not place heavy objects on the power. This could cause electric shodk or fire.
8. Unplug this equipment when unused for long periods of time or during a storm.

9. Refer all service to qualified service personnel only. Do not perform any servicing other than those instructions contained within the User's Manual.
10. To prevent fire and damage to the product, use only the recommended fuse type as indicated in this manual. Do not short-circuit the fuse holder. Before replacing the fuse, make sure that the product is OFF and disconnected from the AC outlet.

WARNING

To reduce the risk of electric shock and fire, do not expose this equipment to moisture or rain.

	<p>Dispose of this product should not be placed in municipal waste and should be separate -collection.</p>
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11. Move this Equipment only with a cart, stand, tripod, or bracket, specified by the manufacturer, or sold with the Equipment. When a cart is used, use caution when moving the cart/ equipment combination to avoid possible



injury from tip-over.

12. Permanent hearing loss may be caused by exposure to extremely high noise levels. The US. Government's Occupational Safety and Health Administration (OSHA) has specified the permissible exposure to noise level. These are shown in the following chart:

Hours x day	SPL	Example
8	90	Small gig
6	92	Train
4	95	Subway train
3	97	High level desktop monitors
2	100	Classic music concert
1.5	102	
1	105	
0.5	110	
0.25 or less	115	Rock Concert

According to OSHA, an exposure to high SPL in excess of these limits may result in the loss of heat. To avoid the potential damage of heat, it is recommended that Personnel exposed to equipment capable of generating high SPL use hearing protection while such equipment is under operation.

The apparatus shall be connected to a mains socket outlet with a protective earthing connection. The mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Introduction

Thank you for choosing TOPP PRO. The new TOPP PRO MUSIC GEAR cabinets have been designed to provide a cost effective high grade solution while maintaining high quality cabinet construction and optimum components. Our Professional Audio Products are designed and tested by a highly qualified engineering team with more than 20 years of experience. Great care is placed in delivering products with excellent performance, specifications and dependable reliability. Also great emphasis is placed in creating and bringing to market products that can fill multiple applications and also offer customers exceptional value. Every TOPP PRO audio product is strictly tested and complied to very strict standards.

Features

These series products include passive speaker cabinets, subwoofer, and complete packages.

A) PASSIVE SPEAKERS:

- OHO V4
- SOHO V8
- FLX 5

B) SUBWOOFER:

- SOHO S10
- SOHO S12
- SOHO S15

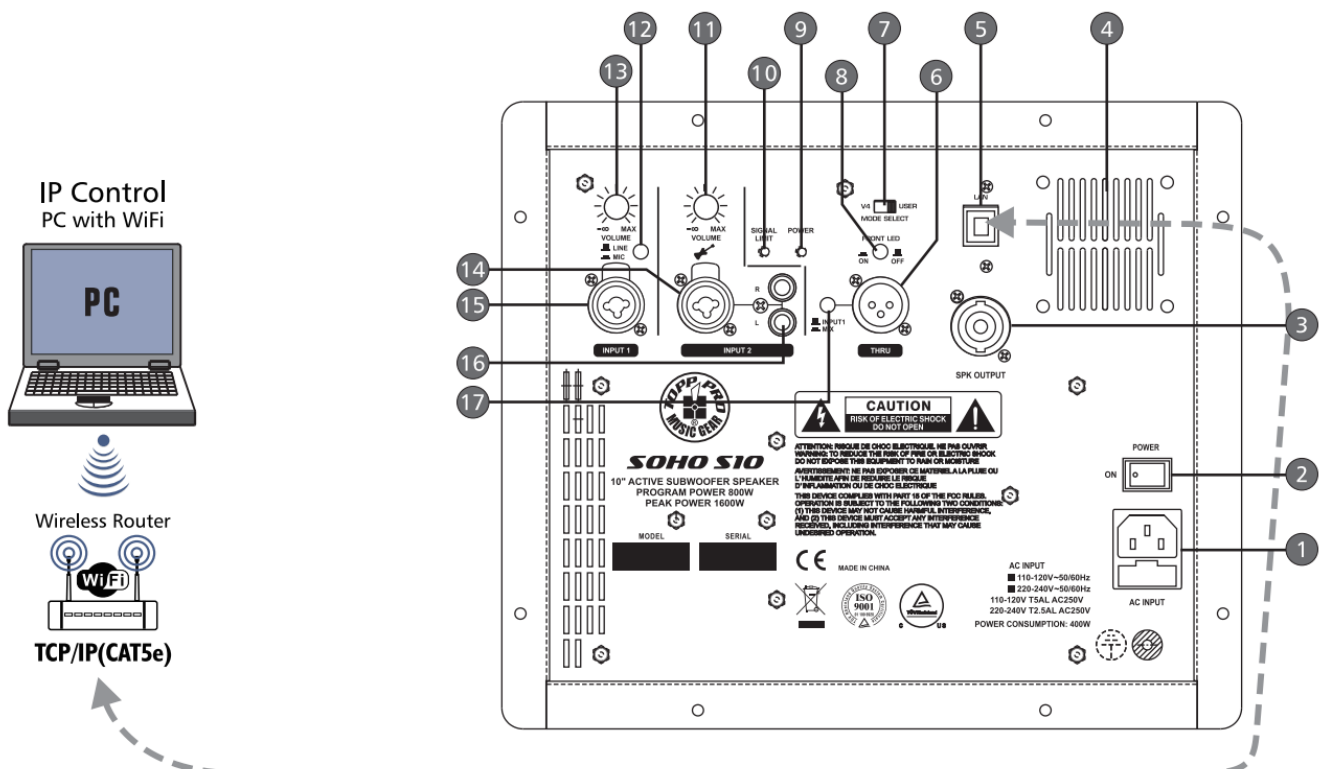
C) PACKAGES:

- SOHO S10+V4 SYSTEM (SOHO S10 x 2 + SOHO V4 x 2)
- SOHO S12+V4 SYSTEM (SOHO S12 x 2 + SOHO V4 x 2)
- SOHO S12+V8 SYSTEM (SOHO S12 x 2 + SOHO V8 x 2)
- SOHO S15+FLX SYSTEM (SOHO S15 x 2 + FLX 5 x 2)

These products are design to provide a cost effective high grade solution, and they can be used for all kinds of applications, such as churches, conference center, disco, etc. You can select right model according to your request.

BACK PANEL DESCRIPTION

SOHO S10



1. AC POWER SOCKET WITH MAIN FUSE.
2. ON-OFF MAIN POWER SWITCH.
3. SPK connector to satellite: Use pins + 1 positive / -1 negative
4. CONVECTION FAN
5. IP CONTROL
6. THRU OUTPUT ON XLR CONNECTOR

This is a male XLR-type connector that produces exactly the same signal that is connected to the main input jack or a mix of input1 and input2.

7. Preset Selector: V4 / User (Custom Sound)

V4: Allow use this subwoofer with the 4 speaker satellite. Defaults Factory preset

User: Adjusts the Equalization according to the convenience of the user, depending on the acoustics of the place and the implementation of the system. This setting can be performed by a PC via LAN port, using a router for internet. This “preset” comes from factory set with the parameters of the V4, after making the necessary changes you can be save into the system.

8. SWITCH FOR FRONT LED ON OR OFF
9. POWER. GREEN LED, INDICATE ON STATUS.
10. SIGNAL / LIMIT, RED LED, INDICATE ON STATUS.
11. INPUT2 ON COMBO CONNECTOR.
12. LINE / MIC SWITCH(CHANNEL INPUT1 ONLY)
13. LINE / MIC INPUT1 ON COMBO CONNECTOR.
14. XLR AND 1/4” COMBO INPUT2

INPUT2 may accept Hi-Z sources (such as guitars) via the TRS 1/4” input, or line-level signal via XLR.

NEVER connect the output of an amplifier directly to the input of the loudspeaker. This could damage the input circuitry of the active loudspeaker.

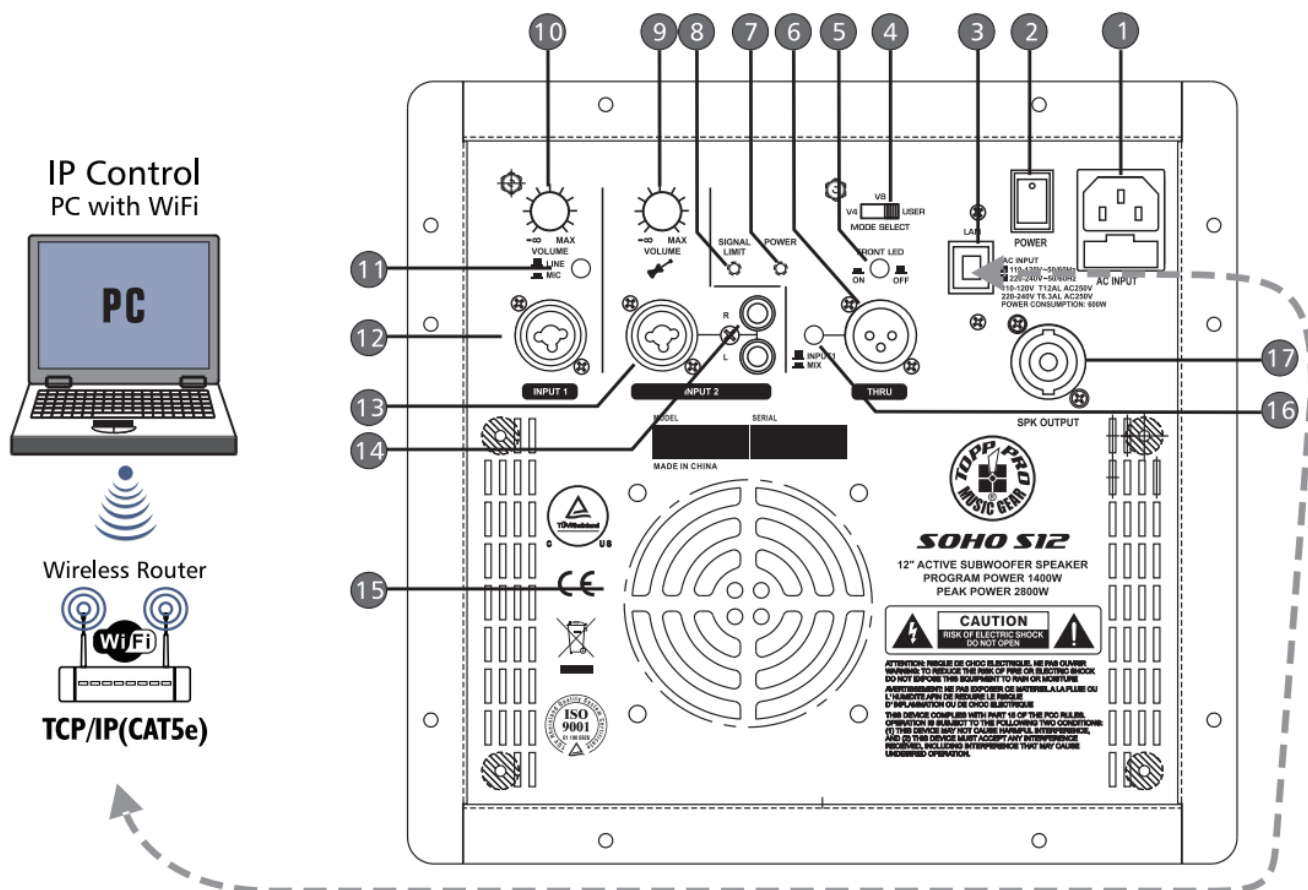
15. XLR AND 1/4” COMBO INPUT1

INPUT1 may accept a MIC or line-level signal via XLR or line-level signal via TRS 1/4” cable. Be aware of the position of the MIC / line switch (12).

16. RCA INPUTS (INPUT2 ONLY).
17. INPUT1 / MIX SWITCH (THRU OUTPUT)

This switch allows you to choose whether only the input1 signal is sent out to the next loudspeaker(switch out-input1) or mix of the input1 and input2 signals are sent out to the next loudspeaker(switch in-Mix).

SOHO S12



1. AC POWER SOCKET WITH MAIN FUSE.

2. ON-OFF MAIN POWER SWITCH.

3. IP CONTROL

4. Preset Selector: V4 / V8 / User (Custom Sound)

V4: Allow use this subwoofer with the 4 speaker satellite. Defaults Factory preset

V8: Allow use this subwoofer with the 8 speaker satellite. Defaults Factory preset

User: Adjusts the Equalization according to the convenience of the user, depending on the acoustics of the place and the implementation of the system. This setting can be performed by a PC via LAN port, using a router for internet. This "preset" comes from factory set with the parameters of the V4, after making the necessary changes you can be save into the system.

5. SWITCH FOR FRONT LED ON OR OFF

6. THRU OUTPUT ON XLR CONNECTOR

This is a male XLR-type connector that produces exactly the same signal that is connected to the main input jack or a mix of input1 and input2.

7. POWER. GREEN LED, INDICATE ON STATUS.

8. SIGNAL / LIMIT, RED LED, INDICATE ON STATUS.

9. Input 2 Volume Control

10. LINE / MIC INPUT1 ON COMBO CONNECTOR.

11. LINE / MIC SWITCH(CHANNEL INPUT1 ONLY)

12. XLR AND 1/4" COMBO INPUT1

INPUT1 may accept a MIC or line-level signal via XLR or line-level signal via TRS 1/4" cable. Be aware of the position of the MIC / line switch (11).

13. XLR AND 1/4" COMBO INPUT2

INPUT2 may accept Hi-Z sources (such as guitars) via the TRS 1/4" input, or line-level signal via XLR.

NEVER connect the output of an amplifier directly to the input of the loudspeaker. This could damage the input circuitry of the active loudspeaker.

14. RCA INPUTS(INPUT2 ONLY).

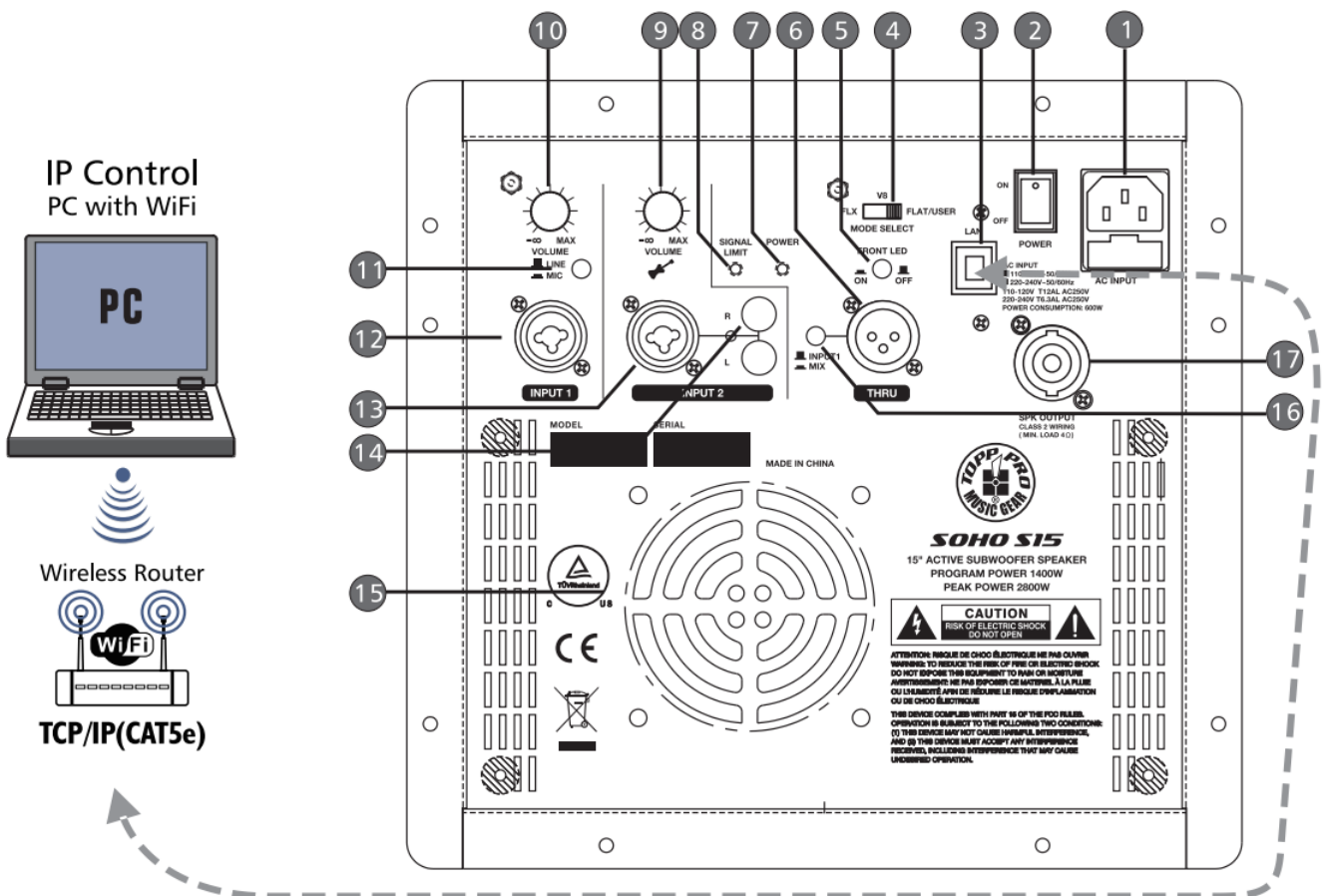
15. CONVECTION FAN

16. INPUT1 / MIX SWITCH (THRU OUTPUT)

This switch allows you to choose whether only the input1 signal is sent out to the next loudspeaker(switch out-input1) or mix of the input1 and input2 signals are sent out to the next loudspeaker(switch in-Mix).

17. SPK connector to satellite: Use pins + 1 positive / -1 negative

SOHO S15



1. AC POWER SOCKET WITH MAIN FUSE.

2. ON-OFF MAIN POWER SWITCH.

3. IP CONTROL

4. Preset Selector: FLX / V8 / User (Custom Sound)

FLX: Allow use this subwoofer with the 2 speaker satellite. Defaults Factory preset

V8: Allow use this subwoofer with the 8 speaker satellite. Defaults Factory preset

User/FLAT: Adjusts the Equalization according to the convenience of the user, depending on the acoustics of the place and the implementation of the system. This setting can be performed by a PC via LAN port, using a router for internet. This "preset" comes from factory set with the parameters of the FLX, after making the necessary changes you can be save into the system.

5. SWITCH FOR FRONT LED ON OR OFF

6. THRU OUTPUT ON XLR CONNECTOR

This is a male XLR-type connector that produces exactly the same signal that is connected to the main input jack or a mix of input1 and input2.

7. POWER. GREEN LED, INDICATE ON STATUS.

8. SIGNAL / LIMIT, RED LED, INDICATE ON STATUS.

9. Input 2 Volume Control

10. LINE / MIC INPUT1 ON COMBO CONNECTOR.

11. LINE / MIC SWITCH(CHANNEL INPUT1 ONLY)

12. XLR AND 1/4" COMBO INPUT1

INPUT1 may accept a MIC or line-level signal via XLR or line-level signal via TRS 1/4" cable. Be aware of the position of the MIC / line switch (11).

13. XLR AND 1/4" COMBO INPUT2

INPUT2 may accept Hi-Z sources (such as guitars) via the TRS 1/4" input, or line-level signal via XLR.

NEVER connect the output of an amplifier directly to the input of the loudspeaker. This could damage the input circuitry of the active loudspeaker.

14. RCA INPUTS(INPUT2 ONLY).

15. CONVECTION FAN

16. INPUT1 / MIX SWITCH (THRU OUTPUT)

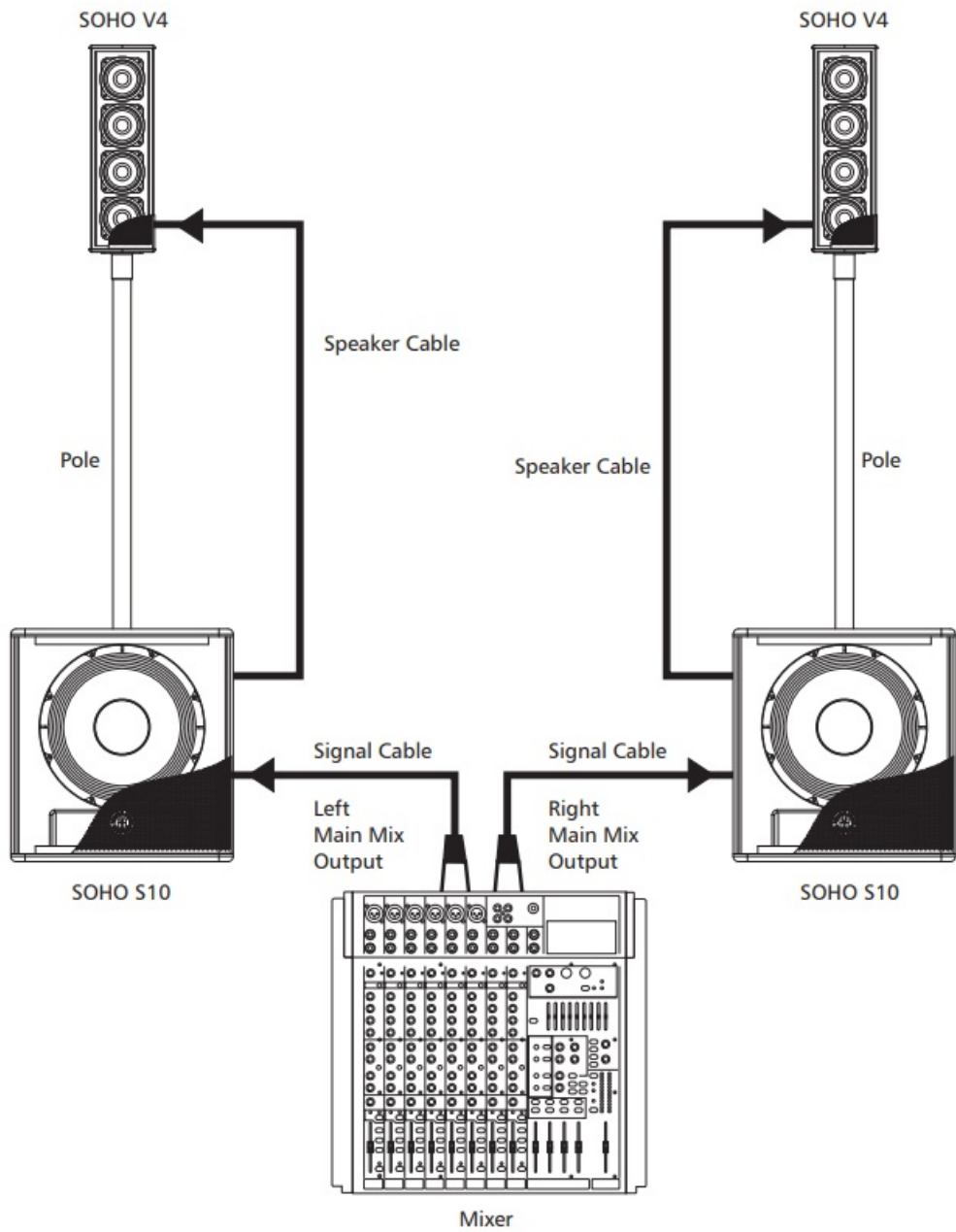
This switch allows you to choose whether only the input1 signal is sent out to the next loudspeaker(switch out-input1) or mix of the input1 and input2 signals are sent out to the next loudspeaker(switch in-Mix).

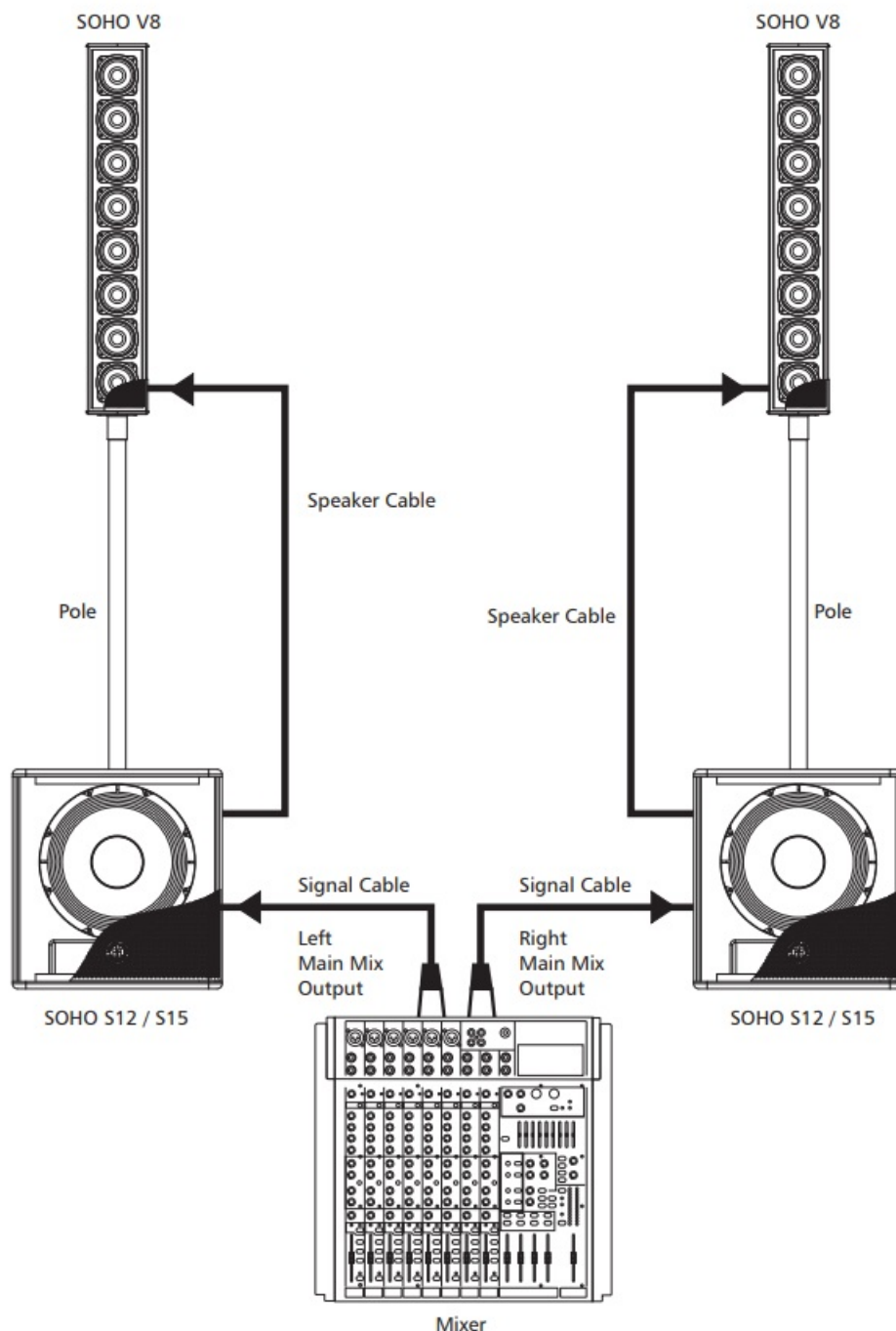
17. SPK connector to satellite: Use pins + 1 positive / -1 negative

CONNECTION PLATE SYSTEM

Make your initial connections with all the equipment 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 stereo power amplifier first, then the mixer.

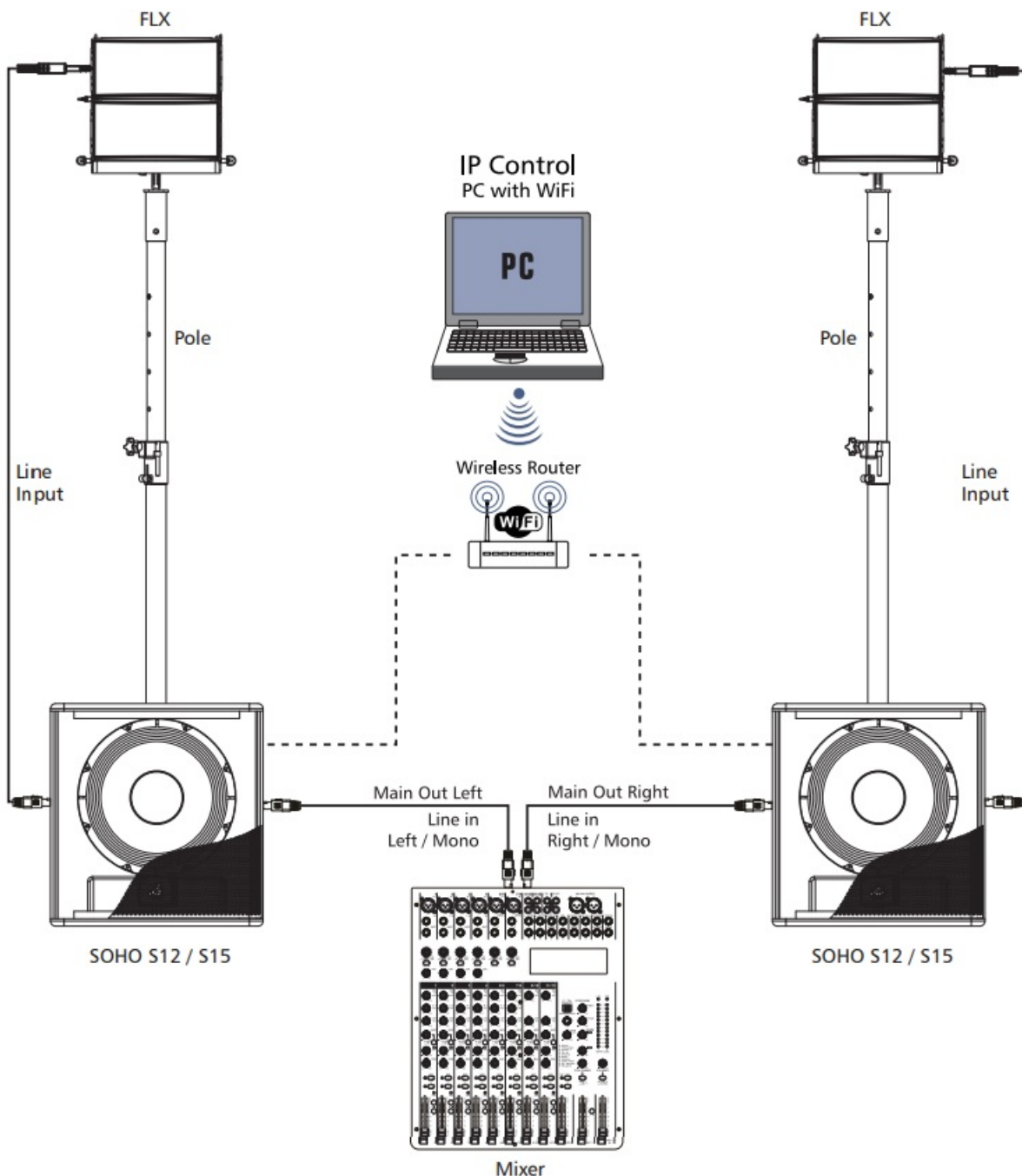




Make your initial connections with all the equipment powered off, and ensure that all the main volume controls are turned completely down.

Two Active Subwoofers & Two Passive Satellite Speakers

1. Connect one side of the signal cable to the output of your mixer (left / right) with a TRS or XLR connector and the other side of the cable to the line input (combo) in the active subwoofer (with a TRS to XLR connector).
Then connect the speak on cable from the output of power in the Subwoofer to the satellites input.
2. Complete other connections as illustrated.
3. Turn on your mixer first, then the stereo power amplifier.
4. Turn up the volume controls of your amplifier to about 70%.
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 stereo power amplifier first, then the mixer.



CONNECTION PLATE

SOHO S10 / S12 / S15 loudspeakers are the perfect tool for singer-songwriters touring the local coffee shops. Bring your favorite axe and MIC, SOHO S10 / S12 / S15 loudspeakers and cables and power cords. Compact and portable perfection.

In this example, a dynamic microphone is connected to the input1 of a SOHO S10 / S12 / S15 loudspeakers.

Be sure that the MIC / line switch is down in order to get an extra 30dB boost for the MIC.

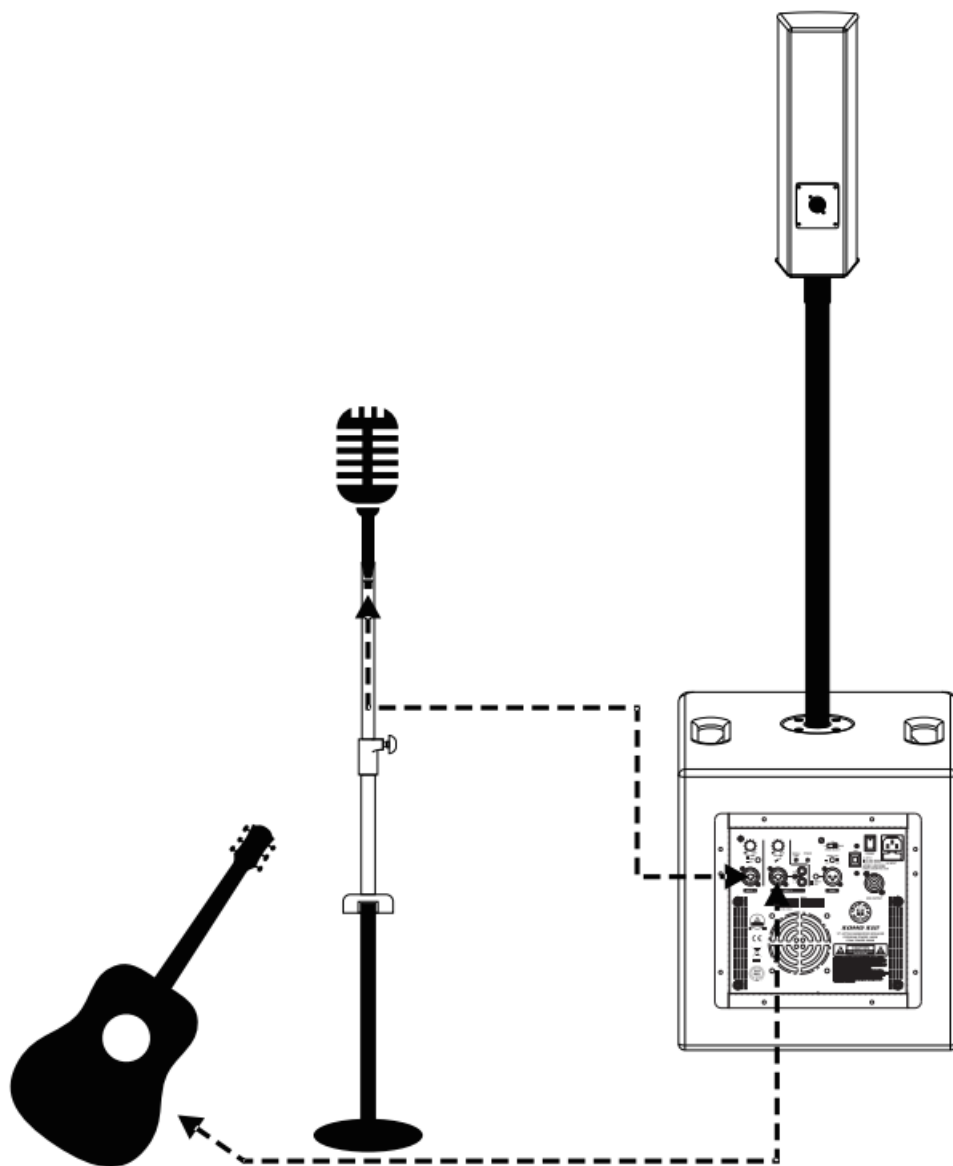
Be sure the switch is OUT if anything other than a microphone is attached to the input1.

Adjust the level for the MIC now.

Now grab your axe and plug it directly into the input2.

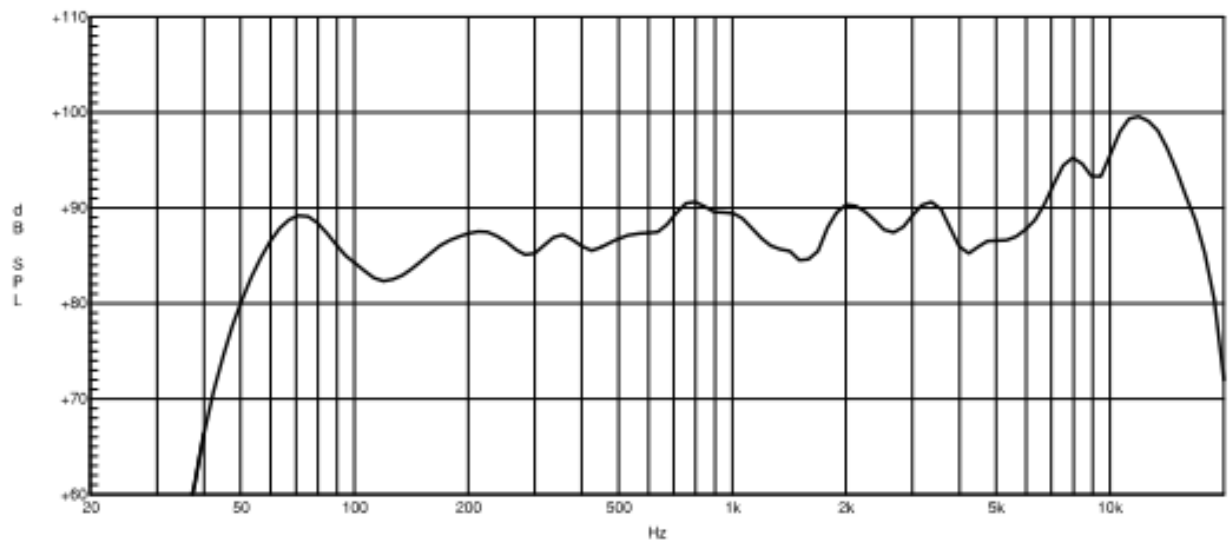
Or if you use effects, connect the guitar to the effects input and another cable from the effects output to the input2.

Adjust the level for the guitar now.

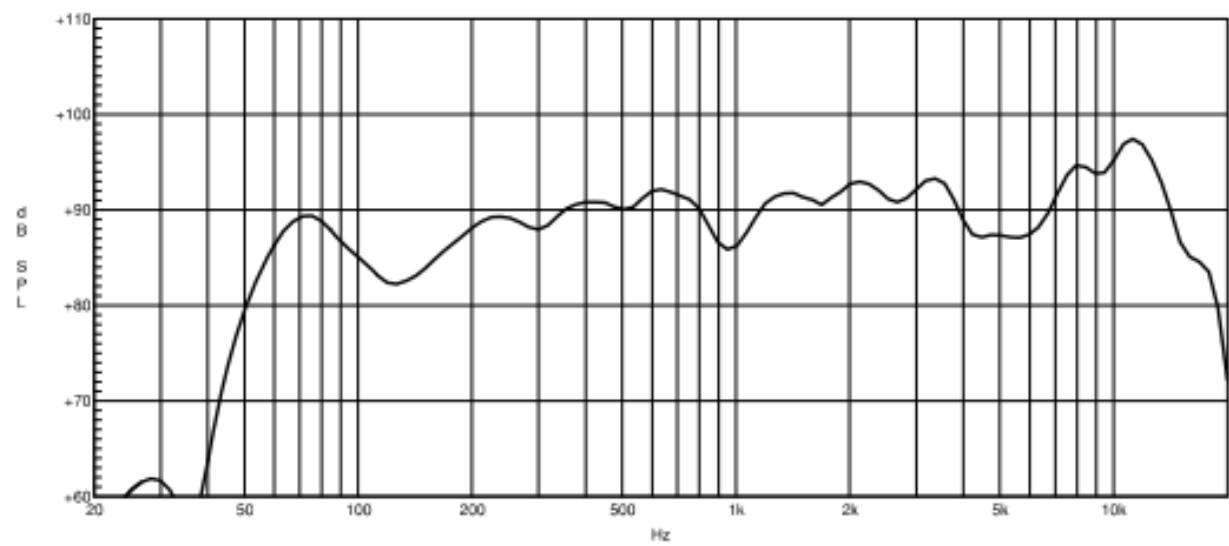


FREQUENCY RESPONSE DIAGRAM

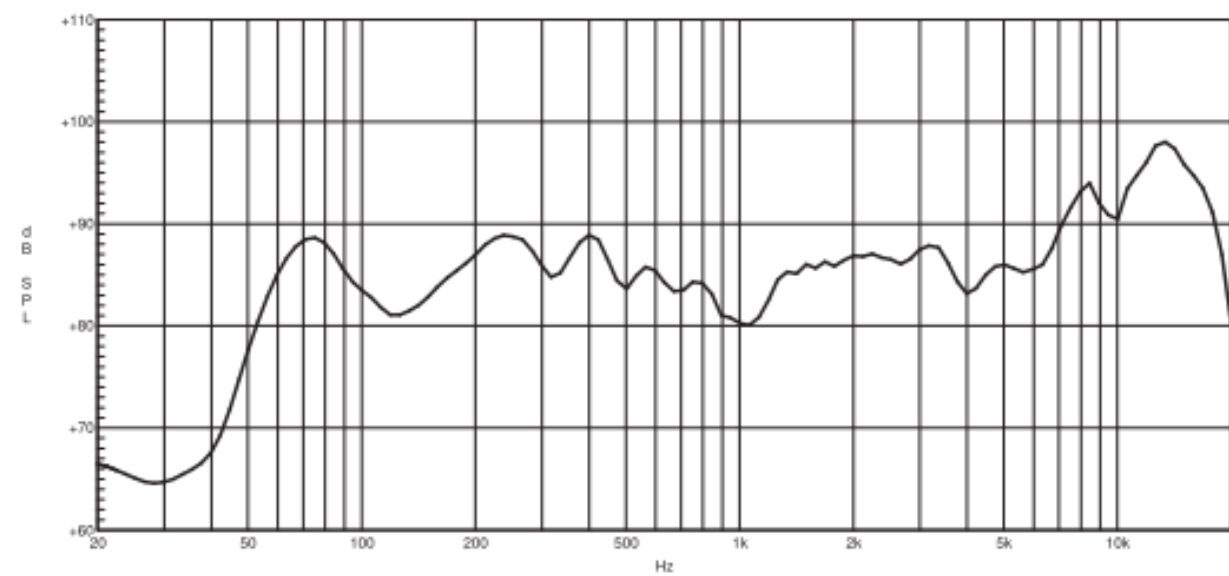
SOHO S12+V4 SYSTEM



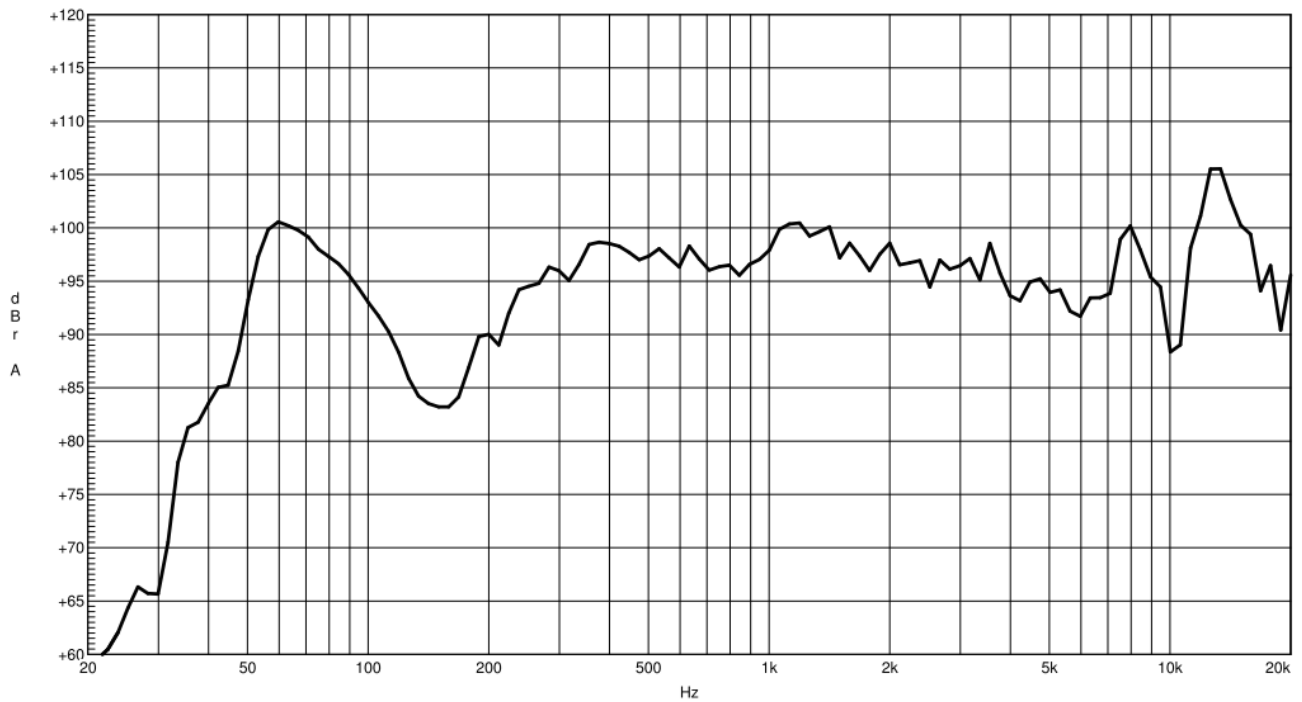
SOHO S12+V8 SYSTEM



SOHO S10+V4 SYSTEM



SOHO S15+V8 SYSTEM

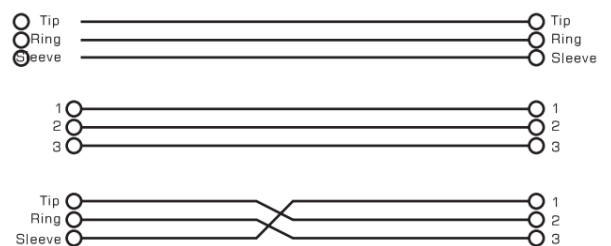
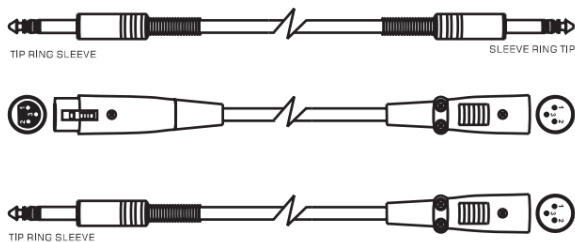


WIRE CONNECTIONS

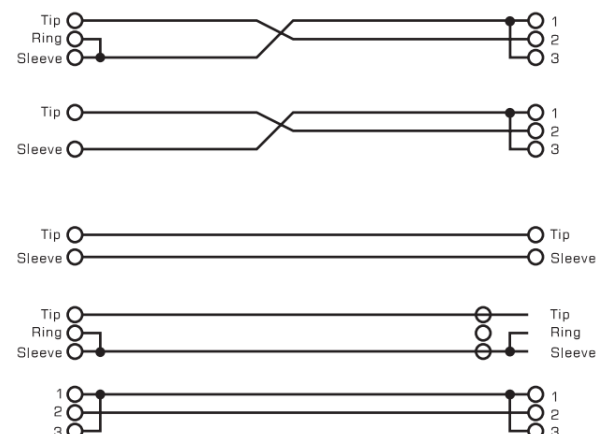
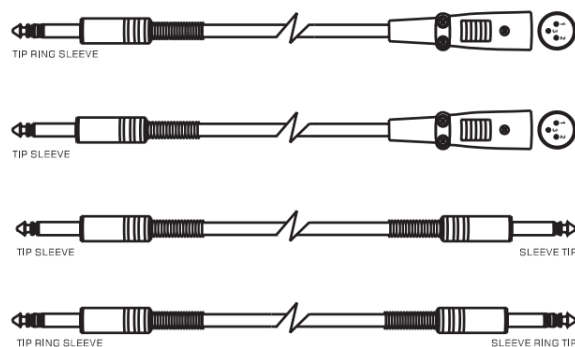
For Active Speaker Cabinets

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

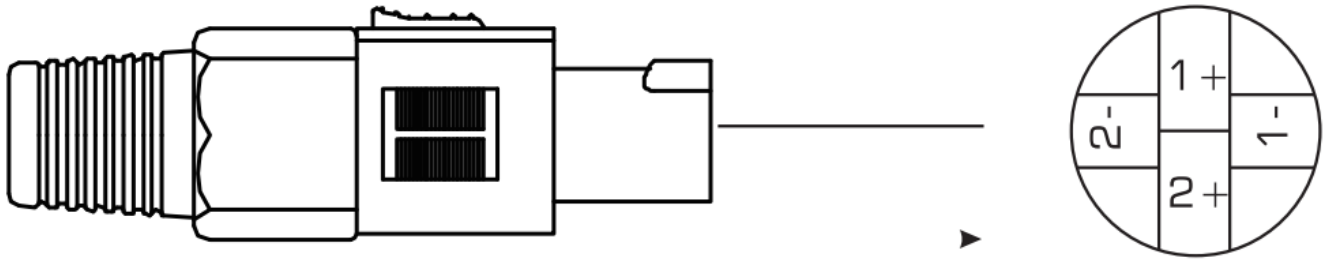


• Unbalanced



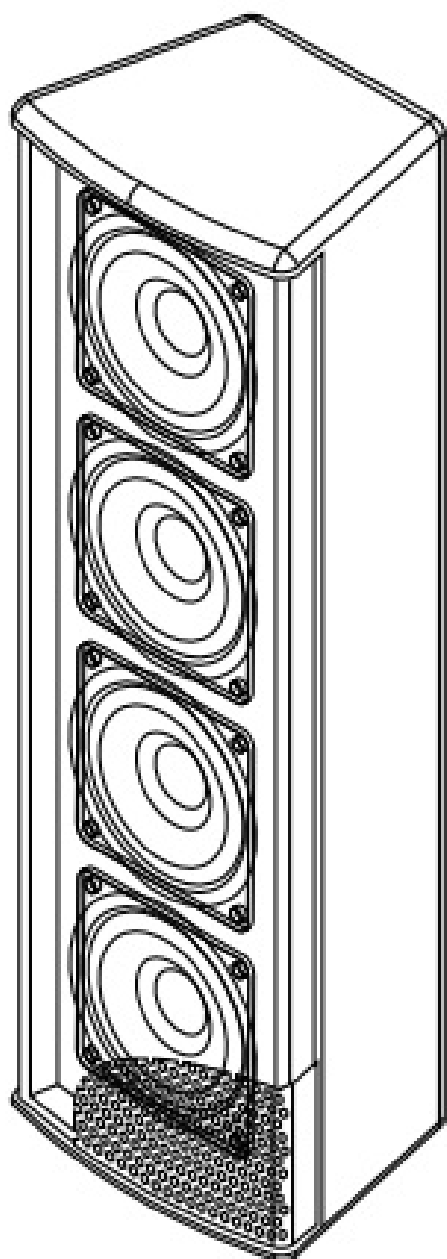
For Passive Speaker Cabinets

Please only use the power connectors to make connections with other signal source equipment for the passive speaker cabinets. The power connector has four terminals: 1 +, 1-, 2+, 2-.

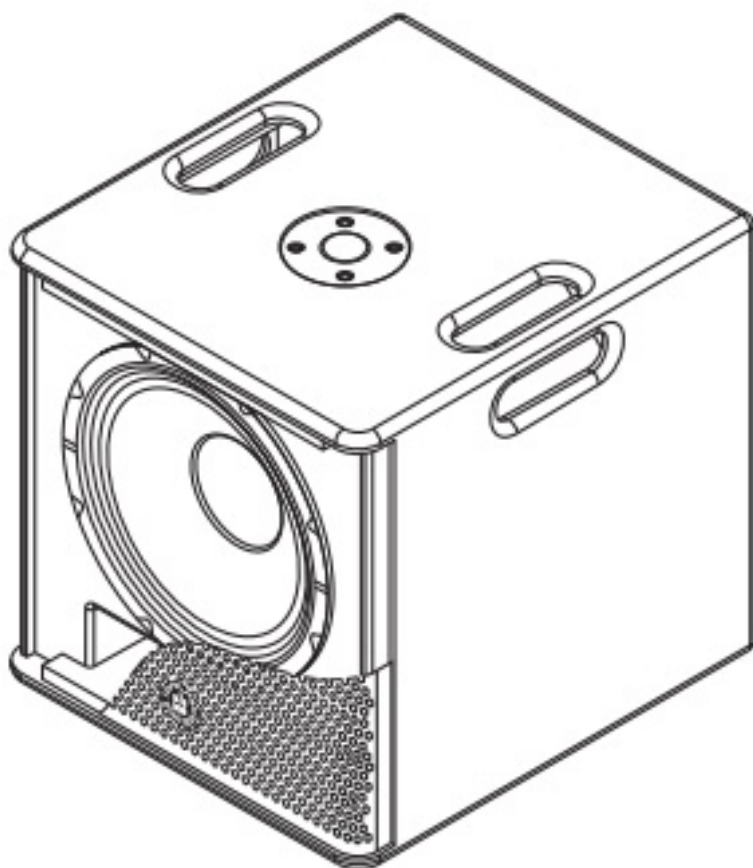


In our cabinets, only 1 +/1- are used to connect the Speaker+/Speaker-, and 2 +/2- are not used.

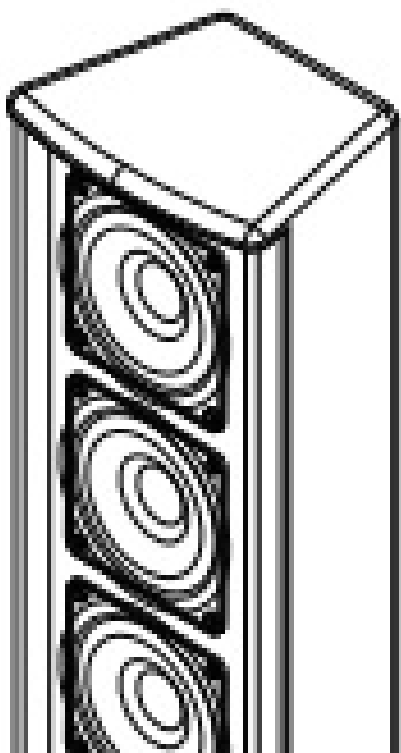
TECHNICAL SPECIFICATIONS

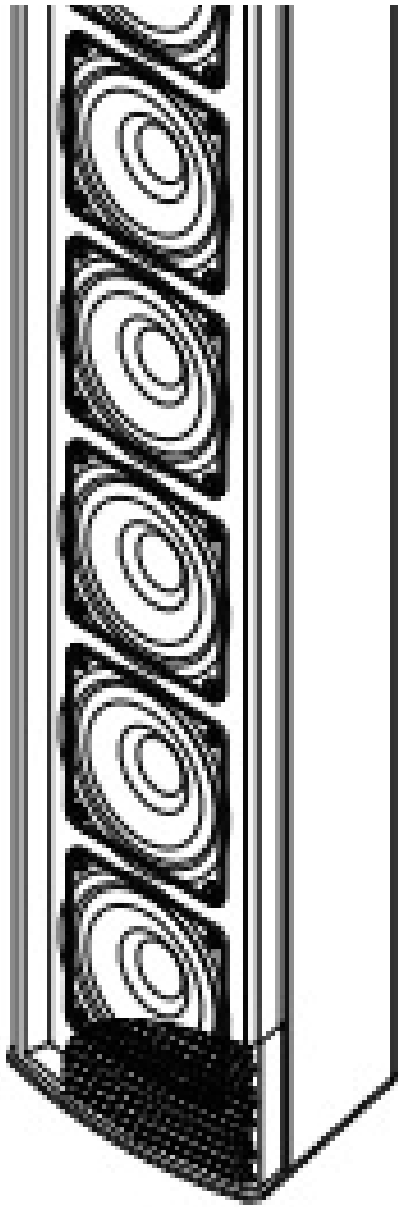


Passive Speaker	SOHO V4
Mid range woofers	4 x 3.511Ø104 mm – 1" Voice Coil
Nominal power handling capacity	120 W Continuous / 240 W Program / 480 W Peak
Frequency response- 6 dB	160Hz-20kHz
Axial sensitivity 1W@1m	95 dB/ 122dB Max
Nominal impedance	8 ohms
Input Connector	1 x SPK
Coverage	100° H
Crossover frequency	500Hz, 24 dB/ Oct. Active
Enclosure Construction	Body In extruded wood, Black/White paint
Mounting	one metal pole-mount, two M8 hanging-points
Dimensions (WxHxD)	129.7x400x 102.6mm (5.11"x 15.7511 x 4.0411)
Net Weight	3.71.kg/8.18 lbs.

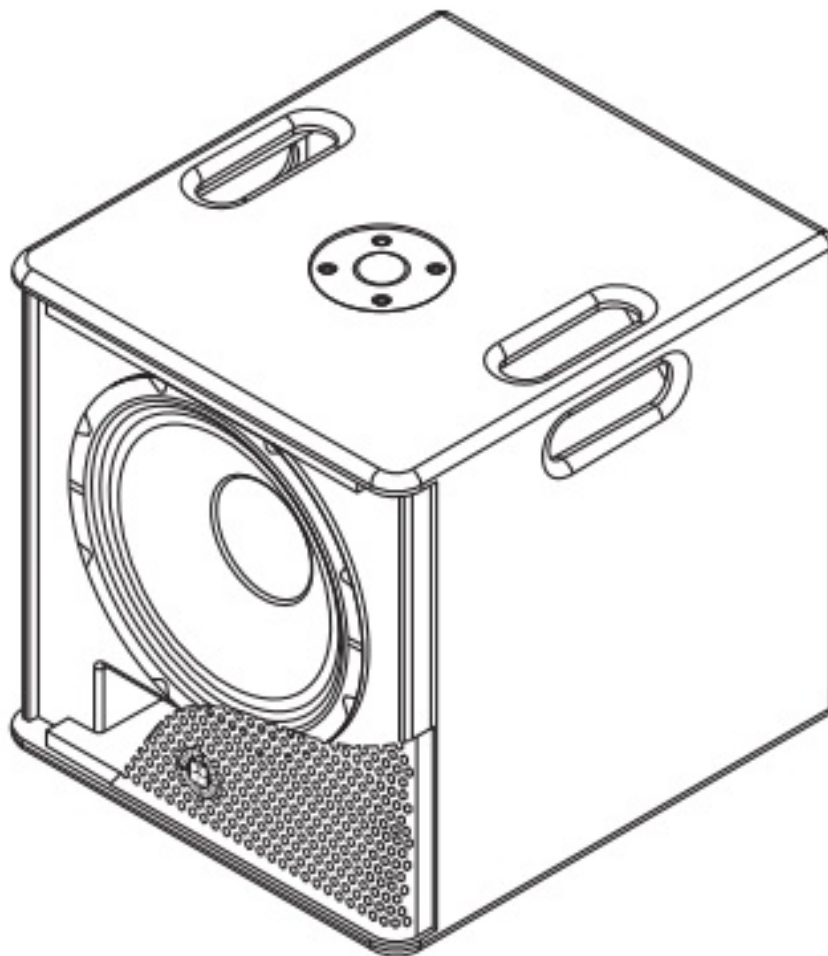


Active Subwoofer	SOHO S10
Subwoofer	1 x 10", Ø 266 mm – 2.5 11 Voice Coil
Frequency response -6 dB	50Hz-500Hz
Total amplifier power	400 W Continuous /800 W Program/1600 W Peak Class-D@4ohms
Amplifier, subwoofer	200 W Continuous /400 W Program/800 W Peak Class-D@4ohms
Amplifier, satellite/ mid! high unit	200 W Continuous /400 W Program/800 W Peak Class-D@4ohms
Axial sensitivity 1W@1m	94dB / 126dB Max
Electronic Protections	Thermal DC/ Overload/ Digital Compressor/ Limit
Cooling	Convection-Fan
Connections	Input: 2 Combo – XLR 1/4", 1 RCA in L&R Output: SPK Satellite/ XLR Link
External Controls	Volume Control/ Switch for Input sens. / Switch for mode selector / Power ON with Green LED/ Limiter with Red LED/ Ground Lift/ IP Control
Power Supply	115V / 230V Switchable
Enclosure Construction	Plywood cabinet, resistant black/ white paint, metal grille with foam, rubber feet, handles
Mounting	one metal standard pole-mount
Dimensions (W x H x D)	380 x 400 x 450 mm (14.96" x 15.75" x 17.72")
Net Weight	17.06kg/37.61 lbs





Passive Speaker	SOHO V8
Mid range woofers	8 x 3.511 104 m m -1 11 Voice Coin
Nominal power handling capacity	240 W Continuous /480 W Pro g ram /960 W Peak
Frequency response- 6 dB	140Hz-20kHz
Axial sensitivity 1W@1m	97 dB / 127dB Max
Nominal impedance	4 ohms
Input Connector	1 x SPK
Coverage	100° H
Crossover frequency	350Hz, 24 dB/ Oct. Active
Enclosure Construction	Body In extruded wood, Black paint
Mounting	one metal pole-mount, two M8 hanging-points
Dimensions (WxHxD)	129.7 x 760 x 102.6mm (5.1111 x 29.92"x 4.0411)
Net Weight	6.95 kg /15.33 lbs.



Active Subwoofer	
Subwoofer	1 x 12", ϕ 320mm-2.5" Voice Coin
Frequency response -6 dB	40Hz-500Hz
Total amplifier power	700 W Continuous /1400 W Program/2800 W Peak Class-0@4ohms
Amplifier, subwoofer	350 W Continuous /700 W Program/1400 W Peak Class-D@4ohms
Amplifier, satellite/ mid! high unit	350 W Continuous /700 W Program/1400 W Peak Class-0@4ohms
Axial sensitivity 1W@1m	96dB / 130dB Max
Electronic Protections	Thermal DC/ Overload / Digital Compressor/ Limit
Cooling	Temperature-controlled fan
Connections	Input: 2 Combo – XLR 1/4", 1 RCA in L&R Output: SPK Satellite/ XLR Link
External Controls	Volume Control/ Switch for Input sens. / Swtich for mode selector/ Power O N with Green LED/ Limiter with Red LED/ Ground lift/ IP Control
Power Supply	11SV / 230V Switchable
Enclosure Construction	Plywood cabinet, resistant black paint, metal grille with foam, rubber feet, handles
Mounting	one metal standard pole-mount
Dimensions (W x H x D)	430 x 450 x 480 mm (16.93" x 17.72" x 18.90")
Net Weight	20.51 kg/ 45.22 lbs.

GUARANTEE

Top 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 nonauthorized 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 nongreater 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 him, you you can also have other right that varies of state to state.




TOPP PRO MUŞIC GEAR

SOHO

S E R I E S

Documents / Resources

	<p>SOHO V4, V8, S10, S12, S15 Loudspeaker System [pdf] User Manual SOHO V4, SOHO V8, SOHO S10, SOHO S12, SOHO S15, V4 V8 S10 S12 S15 Loudspeaker System, V4 Loudspeaker System, V8 Loudspeaker System, S10 Loudspeaker System, S12 Loudspeaker System, S15 Loudspeaker System, Loudspeaker System, Loudspeaker</p>
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