



TPS NEO
SERIES

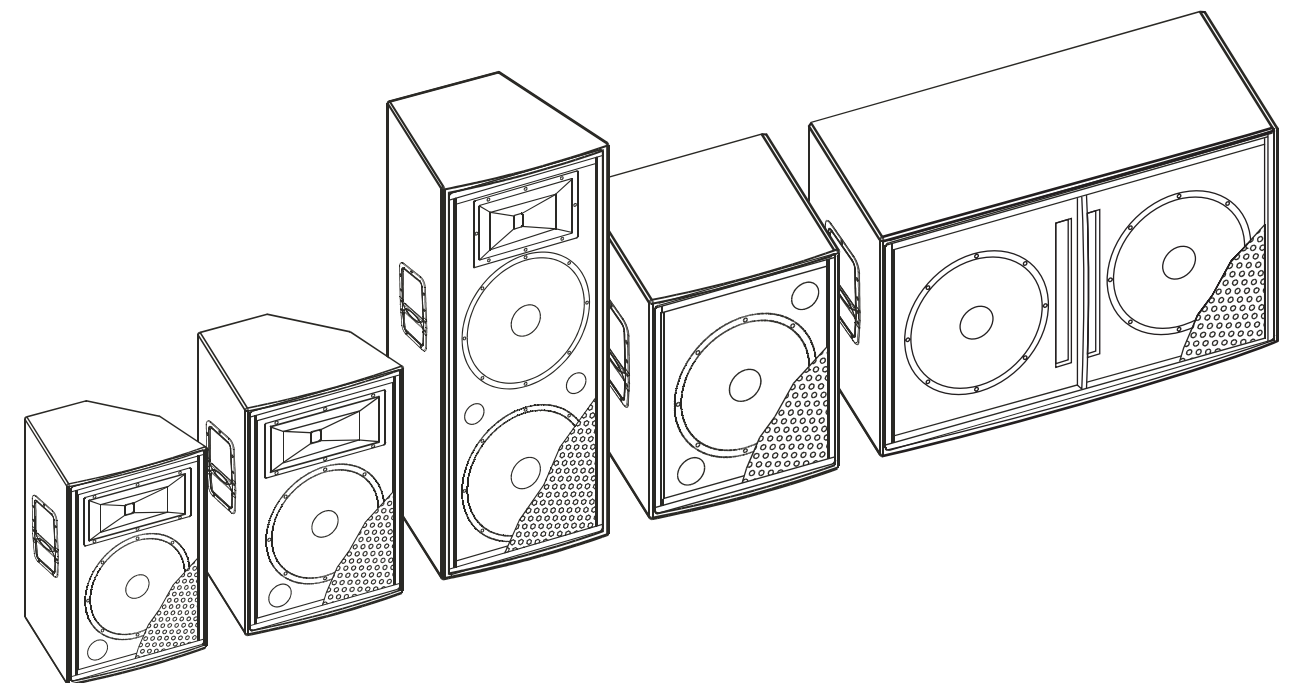
User's Manual



TOPP PRO MUSIC GEAR

www.topppro.com

PROFESSIONAL AUDIO CABINETS
TPS112/115/215NEO MKII
TPS18/218NEO-SUB



NEO
PVC SERIES

NF03572-1.0

SAFETY RELATED SYMBOLS



This symbol, wherever used, alerts you to the presence of un-insulated and dangerous voltages within the product enclosure. These are voltages that may be sufficient to constitute the risk 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.

WARNING: Describes precautions that should be observed to prevent the possibility of death or injury to the user.

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

Do not deposit any part of this unit in the municipal waste baskets. Use special depots for those effects.

**WARNING
Power Supply**

Ensure that the mains source voltage (AC outlet) matches the voltage rating of the product. Failure to do so could result in damage to the product and possibly the user. Unplug the product before electrical storms occur and when unused for long periods of time to reduce the risk of electric shock or fire.

External Connection

Always use proper ready-made insulated mains cabling (power cord). Failure to do so could result in shock/death or fire. If in doubt, seek advice from a registered electrician.

Do Not Remove Any Covers

Within the product are areas where high voltages may present. To reduce the risk of electric shock do not remove any covers unless the AC mains power cord is removed. **Covers should be removed by qualified service personnel only.** No user serviceable parts inside.

Fuse

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.

Protective Ground

Before turning the product ON, make sure that it is connected to Ground. This is to prevent the risk of electric shock. Never cut internal or external Ground wires. Likewise, never remove Ground wiring from the Protective Ground Terminal.

Operating Conditions

Always install in accordance with the manufacturer's instructions. To avoid the risk of electric shock and damage, do not subject this product to any liquid/rain or moisture. Do not use this product when in close proximity to water. Do not install this product near any direct heat source. Do not block areas of ventilation. Failure to do so could result in fire. Keep product away from naked flames.

IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions
- Follow all instructions
- Keep these instructions. Do not discard.
- Heed all warnings.
- Only use attachments/accessories specified by the manufacturer.

Power Cord and Plug

Do not tamper with the power cord or plug. These 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 cord. This could cause electric shock or fire.

Cleaning

When required, either blow off dust from the product or use a dry cloth. Do not use any solvents such as Benzol or Alcohol. For safety, keep product clean and free from dust.

Servicing

Refer all servicing to qualified service personnel only. Do not perform any servicing other than those instructions contained within the User's Manual.

**PORTABLE CART
WARNING**



Carts and stands - The Component should be used only with a cart or stand that is recommended by the manufacturer. A Component and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the Component and cart combination to overturn.

NOTES

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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 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 can also have other right that varies of state to state.

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Don't forget to visit our website at www.toppopro.com for more information about this and other Topp Pro products.

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Introduction

Thank you for choosing **TOPP PRO**. The new **TOPP PRO MUSIC GEAR NEO Series** cabinets have been designed to provide a cost effective high grade solution while maintaining high quality cabinet construction and optimum components.

The **TPS NEO Series**, depending on the model, can be used for all types of applications including, but not limited to, churches, conference centers and discos. The woofer and neodymium driver combination provides excellent performance rivaling those cabinets costing much more.

Our Professional Audio Products are designed and tested by a highly qualified engineering team with more than 20 years of experience. Great pride & 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 tested and must comply to very strict Standards.

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Installation Tips

- Speakers should be placed in a position that allows for unobstructed sound projection. In many instances is beneficial for speakers to elevate on tripod stands to achieve maximum dispersion and reach. Consider TSS209 PRO speaker stand or equivalent to raise speakers.
- Use professional advice or service when hanging and installing speakers. Please takes precautions to secure them to prevent them from falling and hurting someone, damaging cabinet or components. Please comply with all pertinent Regulations.
- Use quality cables. Using quality cables ensure best possible sound. Consider using TOPP PRO 16 or 14 gauge cables or equivalent.
- For best results match the speakers to a good amplifier that matches the wattage and impedance of your speakers. Proper amplification power results in good quality audio and longer component life. Check out.
- Avoid pointing microphone directly at an amplified speaker otherwise could cause feedback possible damaging speaker components and your hearing.

Enjoy the sound!

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Usefull data

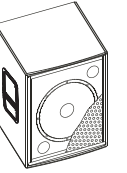
Please write your serial number here for future reference.

Serial Number:

Date of purchase:

Purchased at:

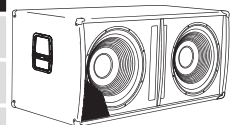
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TECHNICAL SPECIFICATIONS

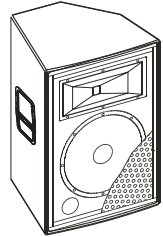
Model	TPS18NEO-SUB
System Type	Vented Box SUBWOOFER
Continuous Power	350W
Program Power	700W Program
Peak Power Rating	1400W Peak
Speaker Sensitivity (1W.1m)	99 dB / 127dB MAX
Frequency Response	30Hz~1kHz(±6dB)
Impedance	8 Ohms
Low Frequency	18" Ø 457mm x 1 Woofer
Connectors	1 x SPK4 (Pin 1+; Pin 1-) + 2 x 1/4" JACK
Enclosure	Trapezoidal Particle Board Painted Cabinet - Black Metal Grille Protection
Dimensions (H x W x D)	24" x 21.7" x 23.6" (610 x 550 x 600 mm)
Net Weight	75.8 lbs / 34.4 kg
Volume	12.21 CFT

Model	TPS218NEO-SUB
System Type	Vented Box SUBWOOFER
Continuous Power	700W
Program Power	1400W
Peak Power Rating	2800W Peak
Speaker Sensitivity (1W.1m)	103dB/ 131dB MAX
Frequency Response	30Hz~1kHz(±6dB)
Impedance	4 Ohms
Low Frequency	2 x 18" Premium Woofer
Connectors	1 x SPK4 (Pin 1+; Pin 1-) + 2 x 1/4" JACK
Enclosure	Painted Cabinet - Black Metal Grille Protection
Net Weight	63.38 lbs /139.72 kg
Volume	21 CFT

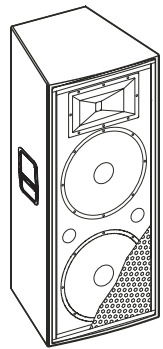


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TECHNICAL SPECIFICATIONS



Model	TPS115NEO MKII
System Type	2-Way Vented Box
Continuous Power	200W
Program Power	400W Program
Peak Power Rating	800W Peak
Max SPL(1m)	120dB
Frequency Response	45Hz~20kHz(±6dB)
Impedance	8 Ohms
Crossover Frequency	4000Hz
Protection	High Frequency Protection
Low Frequency	15" Ø 381mm x 1 Woofer
High Frequency	1.4 " Ferrite Driver
Connectors	1 x SPK4 (Pin 1+; Pin 1-) + 2 x 1/4" JACK
Enclosure	Trapezoidal Particle Board Painted Cabinet - Black Metal Grille Protection
Dimensions (H x W x D)	29.3" x 21.7" x 22.1" (744 x 551 x 561mm)
Net Weight	41.9 lbs /19 kg
Volume	8.36 CFT



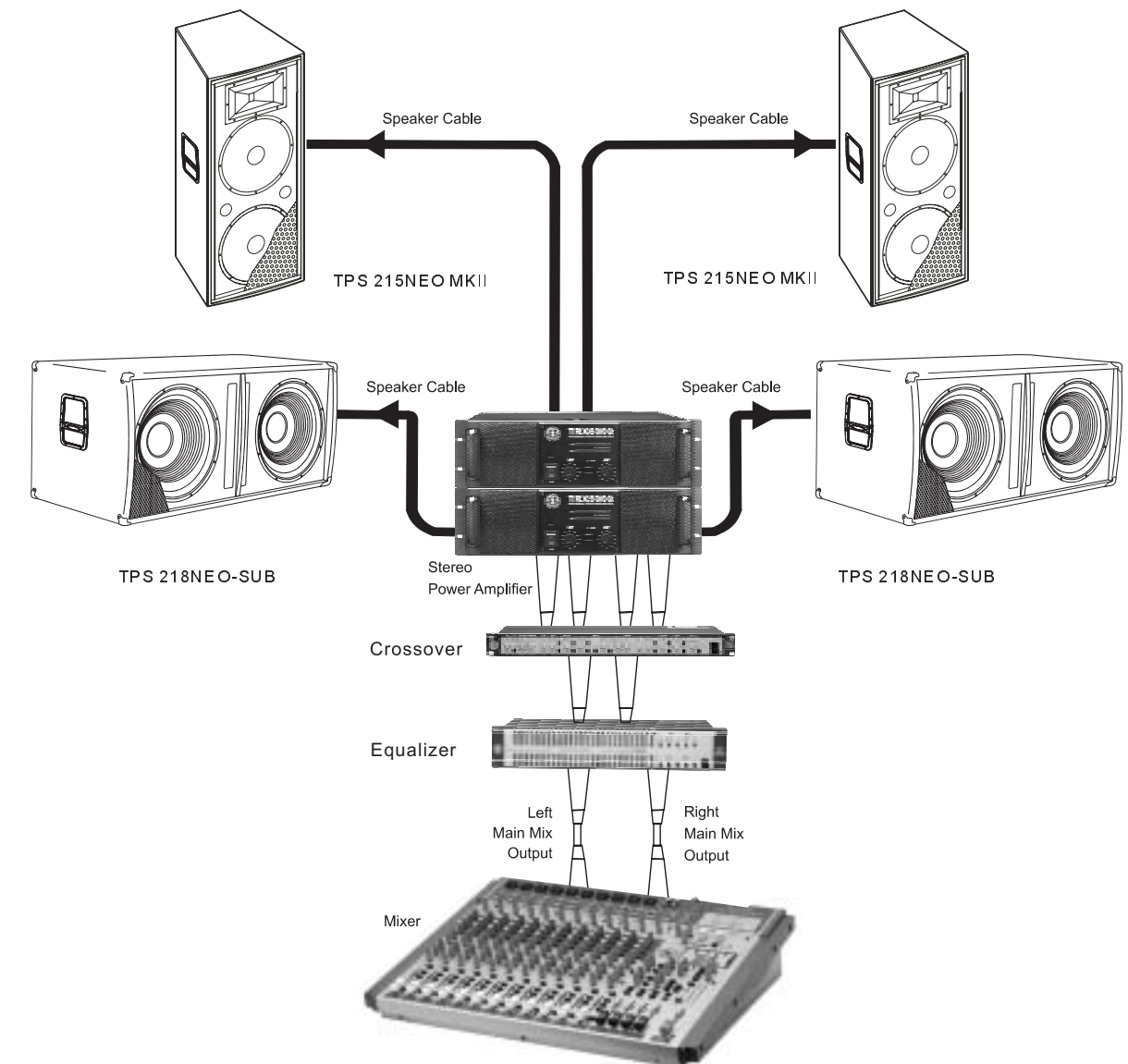
Model	TPS215NEO MKII
System Type	3-Way Vented Box
Continuous Power	400W
Program Power	800W Program
Peak Power Rating	1600W Peak
Max SPL(1m)	125dB
Frequency Response	40Hz~20kHz(±6dB)
Impedance	4 Ohms
Crossover Frequency	250Hz; 3000Hz
Protection	High Frequency Protection
Low Frequency	15" Ø 381mm x 2 Woofer
High Frequency	1.4" Ferrite Driver
Connectors	1 x SPK4 (Pin 1+; Pin 1-) + 2 x 1/4" JACK
Enclosure	Trapezoidal Particle Board Painted Cabinet - Black Metal Grille Protection
Dimensions (H x W x D)	46.8" x 21.7" x 22.1" (1188 x 551 x 561 mm)
Net Weight	68.3 lbs / 31 kg
Volume	13.32 CFT

CONNECTION DIAGRAM

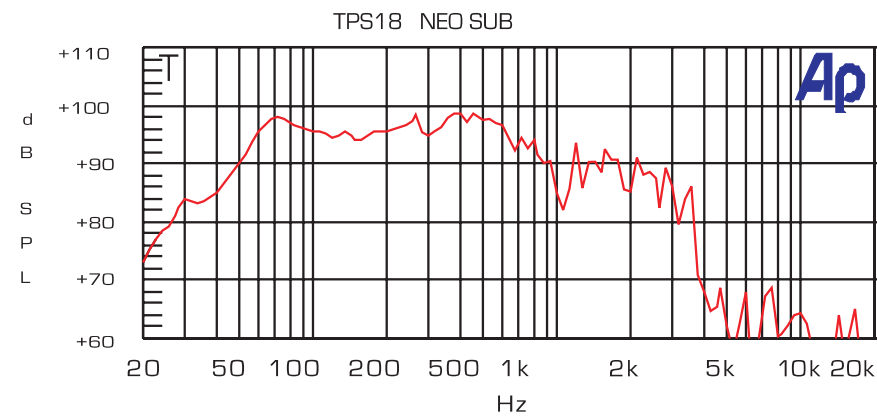
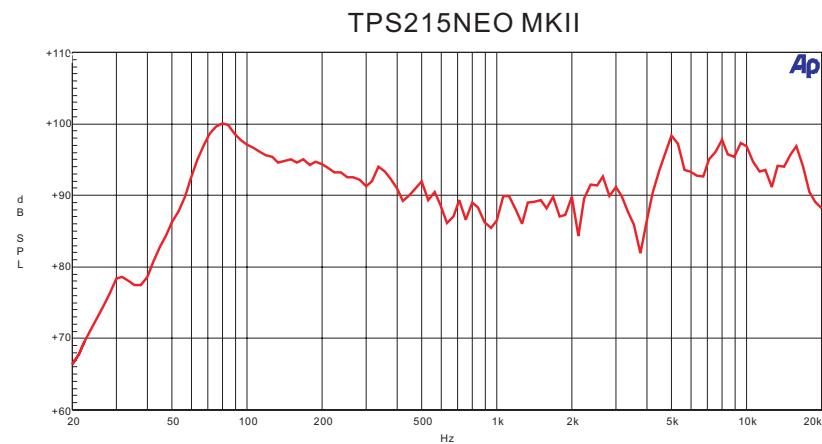
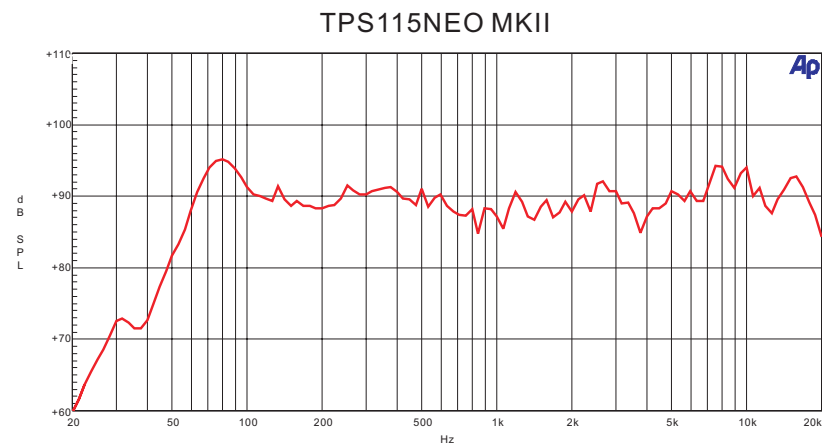
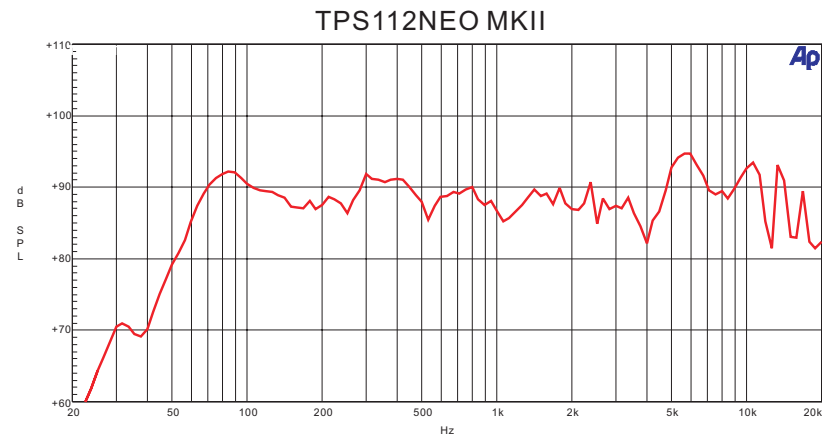
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MATCHING WITH 2-WAY FULL-RANGE SPEAKERS

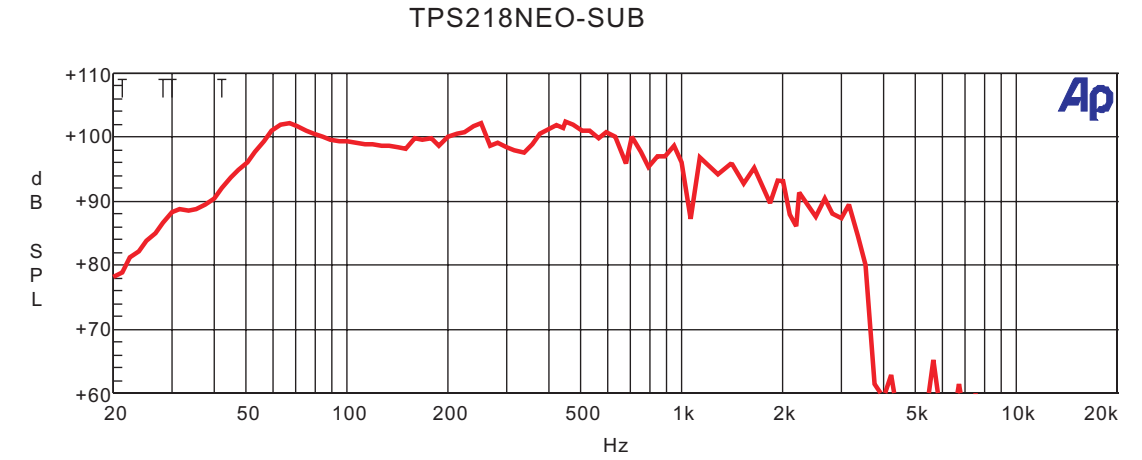
- 1). Connect one side of speaker cable to the Output CHA / CHB or Binding POST of your stereo power amplifier and other side to the Input socket of your subwoofer, do the same connection on your second power amplifier and the 2-way full-range passive speakers with a second speaker cable.
- 2). Complete 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.



5 Frequency Response Diagram



5 Frequency Response Diagram



6 TECHNICAL SPECIFICATIONS

Model	TPS112NEO MKII
System Type	2-Way Vented Box
Continuous Power	200W
Program Power	400W Program
Peak Power Rating	800W Peak
Max SPL(1m)	118dB
Frequency Response	55Hz~20kHz(±6dB)
Impedance	8 Ohms
Crossover Frequency	3800Hz
Protection	High Frequency Protection
Low Frequency	12" Ø 305mm x 1 Woofer
High Frequency	1" Ferrite Driver
Connectors	1 x SPK4 (Pin 1+; Pin 1-) + 2 x 1/4" JACK
Enclosure	Trapezoidal Particle Board Painted Cabinet - Black Metal Grille Protection
Dimensions (H x W x D)	26.2" x 18.2" x 19" (666 x 461x483 mm)
Net Weight	32.0 lbs / 14.5 kg
Volume	5.42 CFT

