

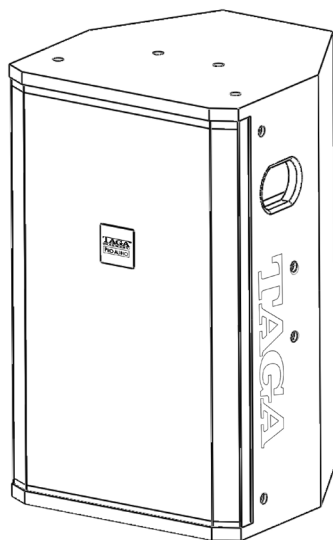
TAGA[®]

CHARMONY

PRO AU)))IO

PSL

Point Source Loudspeakers



Instruction Manual

Introduction

Congratulations for purchasing TAGA Harmony Pro Audio loudspeakers!

The PSL series of loudspeakers is designed for use in a variety of applications including installations in conference rooms, restaurants, cafes, clubs, bars, shops, gymnasiums, education facilities or other commercial venues.

The PSL series is an efficient, cost-effective solution to bring high quality sound and easy installation for indoor sound systems.

Cabinet Care

This loudspeaker is intended for indoor use.

Use a soft, dry cloth to remove dust or dirt. Do not use paper towels or other abrasive materials as it may damage the finish.

Important remarks

Please read this instruction manual carefully before installation and keep it for future reference.

- Please do not dismantle any parts of the loudspeaker as this may void your warranty – servicing should be performed only by a qualified TAGA Harmony repair center
- When connecting the loudspeaker make sure to power off your audio equipment (amplifier, power mixer, sound processor etc.).
- Make sure that all connections are done according to this manual and a manual provided with your audio equipment.
- Make sure that your audio equipment output power and working impedance are compatible with this loudspeaker. Using unsuitable audio equipment may damage the loudspeaker and/or audio equipment and void your warranty.
- The loudspeaker may be damaged by too high output power as well as by an underpowered output signal [distortions of sound].
- Do not use very high volume levels for a long period of time – this may damage the loudspeaker and void your warranty.
- When switching on and off your audio equipment, turn down the volume to avoid strong electrical impact to be delivered to the loudspeaker.
- Position the loudspeaker in ventilated and dry atmosphere and do not expose it to sun or other heat sources.
- Install the loudspeaker on a stable and hard surface. We recommend to have a licensed professional engineer or designer reviewed the design and installation of the system focusing on safety and performance of the application. Check “Placement and Installation” for more details.
- As safety precautions to avoid tip-over / fall of the loudspeaker we recommend to anchor it to the wall or other permanent construction. Check “Placement and Installation” for more details.
- To protect the drivers do not remove the protective grille.

Specifications

Full technical specifications are available on the www.TagAHarmony.com website.

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Unpacking the loudspeaker

If you notice any damages in transportation, report it immediately to your dealer/installer.

Placement and installation

We recommend that your sound system is designed and installed by a licensed professional engineer or designer (installer).

When designing and installing the sound system make sure to review safety and performance aspects of the installation which are applicable in the place of installation.

The placement and installation method for the loudspeaker varies on the intended application.

MOUNTING SYSTEM

Contact TAGA Harmony or our dealer for recommendations regarding the mounting system.

Make sure to obtain a mounting system from a reputable manufacturer. Select a system design applicable for this loudspeaker and its intended use.

- This loudspeaker is ready for the following installation options:

Flying and suspend systems: the loudspeaker is equipped with M8 threaded-insert hang points on the top, bottom, rear and two side walls of the cabinet. The threaded-insert hang points are protected with screws – remove them in order to use the hang points. For detailed number of hang points and their placement check your model specifications.

- Loudspeaker stands (tripod): the loudspeaker is equipped with a single Ø36 mm speaker stand socket on the bottom of the cabinet.

Note!

- Install the loudspeaker on a stable and hard surface.
- The loudspeaker should not be hung using the handles as hang points.
- Use only high grade installation hardware.
- Do not attempt to alter the threaded hang points which are located in the cabinet.
- Make sure to anchor the loudspeaker as provided below in this chapter.
- Flying or suspend systems, loudspeaker stands nor installation hardware are not provided with this loudspeaker. They should be purchased separately.

ANCHORING THE LOUDSPEAKER

As safety precautions to avoid tip-over / fall of the loudspeaker we recommend to anchor it to the wall or other permanent construction.

We recommend to use a safety cable and to firmly attach one end to the loudspeaker cabinet at a point other than the mounting system and the other end to the wall or other permanent construction. This is recommended even if it is not required by local construction and safety regulations.

Note! An anchoring system nor a safety cable is not provided with this loudspeaker. It should be purchased separately.

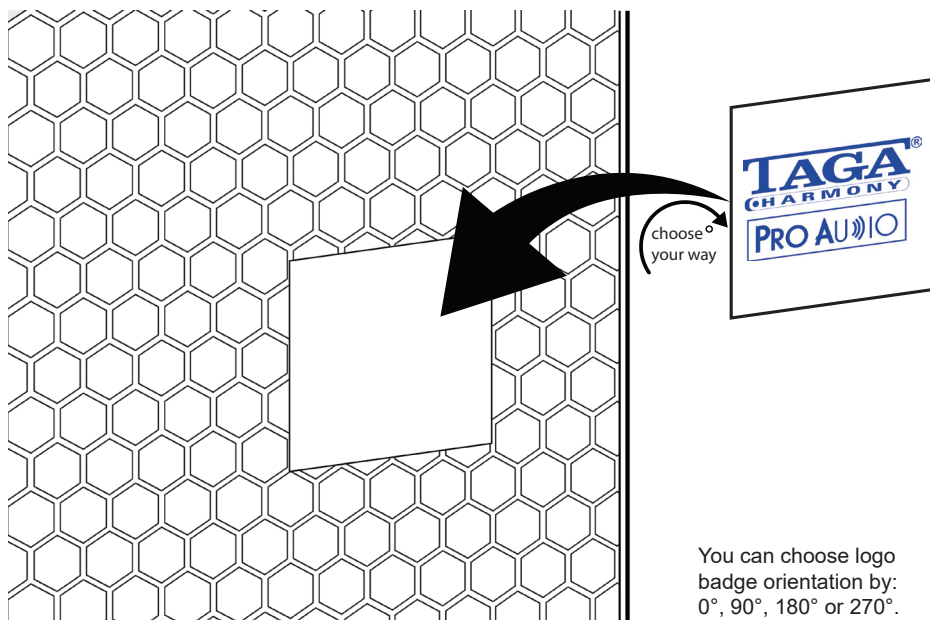
Placement and installation

REMOVABLE LOGO BADGE

The loudspeaker is equipped with the magnetic logo badge which is mounted in the recess on the front grill.

Depending on the placement (for instance horizontal or vertical orientation) and intended application the logo badge can be mounted in different positions in the recess. To remove the badge pull it gently forward. To install the badge back gently attach it to the recess in the new position.

Note! Make sure not to scratch the loudspeaker during removing / installing the badge.



Hooking up the wires

Note! Make sure to power off your audio equipment before connecting this loudspeaker. Consult your local TAGA Harmony dealer/installer for further information about cables and connection options.

We recommend that your sound system is designed and installed by a licensed professional engineer or designer (installer).

When designing and installing the sound system make sure to review safety and performance aspects of the installation which are applicable in the installation venue.

Speaker sockets (connected in parallel)

This loudspeaker is equipped with two (2) 4-pole speaker sockets located on the rear speaker panel which allow to connect 4-pole female speaker twist connectors.

The sockets are connected in parallel. You can use either of them for signal input from your audio equipment.

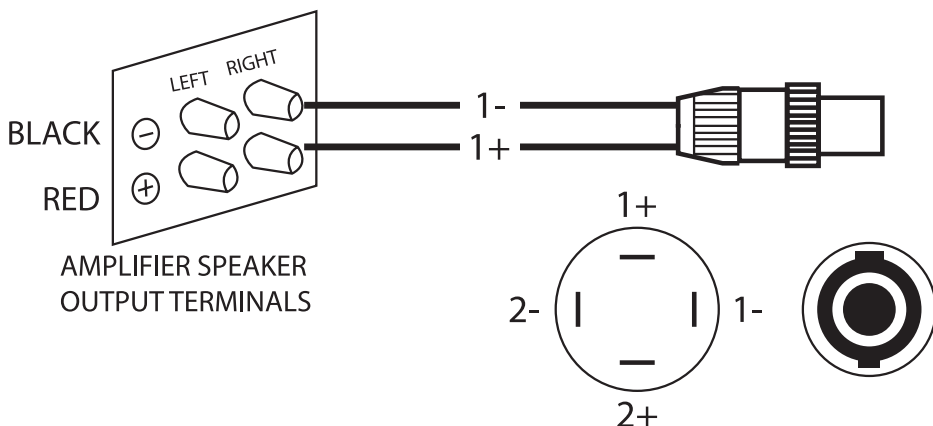
The second speaker socket may be used to “loop through” to other loudspeaker in the installation (for instance to power more loudspeakers from a single amplifier).

Note! Never connect two (2) speaker sockets simultaneously to a single amplifier output or connect two amplifiers to a single loudspeaker – this loudspeaker is not designed for bi-amp. Use only one (1) speaker socket for the input signal – otherwise you may damage the loudspeaker and/or audio equipment and void your warranty.

Check the below wiring diagram for the connector (single channel):

Note! The connector and speaker wires are not supplied with this loudspeaker. They should be purchased separately.

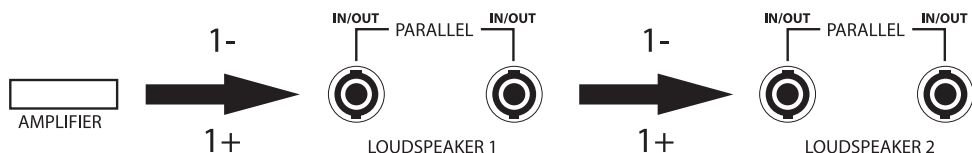
Most connectors can accommodate up to 10 AWG bare speaker cables. It is recommended to leave about 150 cm (5 feet) of extra cable at the speaker end to facilitate positioning and installation of the speaker. Do not use staples, nails or other metal objects to secure the speaker cables.



Hooking up the wires

Note! Make sure to avoid short-circuit of the speaker wires – this may damage the loudspeaker and/or your audio equipment and void your warranty.

Check the below diagram for connecting two (2) loudspeakers to a single amplifier:



Note! When using more than one (1) loudspeaker connected in parallel make sure to check whether your amplifier can handle the final system impedance – otherwise you may damage the loudspeaker and/or audio equipment and void your warranty.

We strongly advise that your sound system is designed and installed by a licensed professional engineer or designer (installer).

We recommend using high quality TAGA Harmony cables and other installation accessories.



Your product is marked with the symbol as showed on the left.
For EU (European Union) member users:
This product has been tested and found in compliance with
requirements of the European Community
2014/108/EC directive.



IMPORTANT!

Your product is marked with the symbol as showed on the left.
For EU (European Union) member users:

According to the WEEE (Waste electrical and electronic equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country.
For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.

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