

HPM-500

 PIONEER®

IMPORTANT NOTICE:

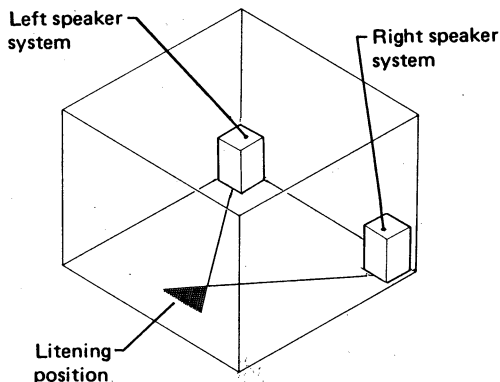
The serial number for this equipment is located on the rear.
Please write this serial number on your enclosed warranty card and keep in a secure area. This is for your security.

BEFORE USE

- Please read this operating guide through before using your speaker system so you will know how to make the most of its performance. After you have finished reading the operating guide, store the leaflet in a safe place. You will then know where it is, should you wish to refer to it if something is unclear while the speaker system is being used.
- The nominal impedance of this speaker system is 8 ohms. Connect the speakers to a stereo amplifier with a load impedance ranging from 4 to 16 ohms (a model with "4-16Ω" displayed on the speaker output terminals).
- The maximum input power of these speakers is 80 watts. The speakers may be damaged or strange sounds may be heard through them if signals with a strength exceeding the maximum input power are applied.
- Remember to handle the speaker system carefully since it is quite heavy.

INSTALLATION

- The normal listening position is at the apex of an imaginary equilateral triangle with the speaker system forming the base line. Alternatively, you can sit and listen just beyond the apex.



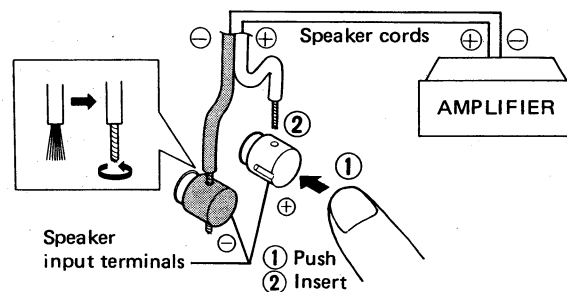
- This speaker system is a book-shelf style and so when it is installed on the floor, more sound may be reflected, increasing the bass and perhaps making the sound unpleasant to listen to.
In cases like this, mount the speaker system on a stand so that it is raised above floor level. You will obtain good results if you install the speaker system so that tweeter is on the same level as your ears in the listening position.

INSTALLATION PRECAUTIONS

- Do not install this speaker system near a stove or other heating appliance, and do not put it in a place exposed to the sun. Locations like these may cause the cabinet to change color and the speaker system to break down.
- Remember that this speaker system is quite heavy, so it is dangerous to install it in a high place like on a wall or pillar or in other unstable locations.

CONNECTIONS

1. Set the amplifier's power switch to OFF.
2. Connect input terminal (+) of the speaker system to output terminal (+) of amplifier, and input terminal (-) to output terminal (-).



Depress the input terminal knob, insert the tip of the cord into the hole and then release the knob so that it springs back into position.

NOTES:

- Make sure that the speaker cords are connected to the terminals securely. Insecure connections may cause not only sound to be interrupted and noise to be generated but also the cords to be shorted and the amplifier to break down.
- When listening to a stereo performance with the speaker system connected to a stereo amplifier, you will find that the bass is insufficient, the sound is not spread out and there is no stereo effect if the cords of one of the speaker system have been plugged into the wrong polarity terminals.

Caution:

Bear in mind that the cone of these speakers may be deformed by heat if the speakers are installed in direct sunlight or in the vicinity of a heater for a prolonged period of time.

DETACHING AND REPLACING THE FRONT GRILLE

The front grille of this speaker system is removable. Proceed as follows:

1. Use both hands to hold the bottom part of the grille, and pull it gently towards you. You will then be able to free the bottom part of the grille.
2. Similarly, take hold of the top part of the grille, and pull it towards you; the whole grille will then be detached from the speaker system.
3. To replace the grille, align the projections in each of the grille's corners with the openings in the speaker, and push each of the corners into place.

USING THE LEVEL CONTROL

This speaker system is equipped with a treble level control which you can adjust to produce the desired sound in accordance with the position of the speaker system or the acoustics of your listening room.

The level control can be found at the rear of the speaker cabinet.

1. Set the tone controls on the stereo amplifier to the flat response position (FLAT or 0 position).
2. Play a record or a tape whose sound you are familiar with and, at the same time, rotate the level control knob to adjust the sound quality to your preference.

The level control is for adjusting the treble. With the "0" position as the reference level, rotating the knob to the right (↻) increases the level and, conversely, rotating it to the left (↻) attenuates the level. If the knob is turned to its leftmost position, no sound at all will be heard from the tweeter speaker.



CABINET MAINTENANCE

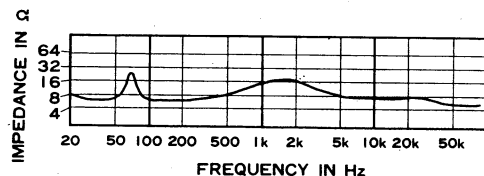
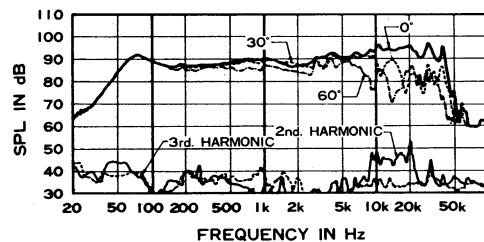
- Use a polishing cloth or dry cloth to wipe off dust and dirt.
- When the cabinet is very dirty, wipe with a soft cloth dipped in some neutral cleanser diluted five or six times with water, and then wipe again with a dry cloth. Do not use furniture wax or cleaners.
- Never use thinners, benzine, insecticide sprays and other chemicals on or near the cabinets, since these will corrode the surfaces.

SPECIFICATIONS

Enclosure	Book-shelf style, Bass-reflex type
System	3-speaker, 3-way system
Loudspeakers:	
Woofer	25cm (10in) cone type, PG cone
Tweeter	4.5cm (1-3/4in) cone type, PG cone
Super tweeter	Horn loaded high polymer type
Nominal Impedance	8ohms
Frequency Range	35 to 50,000Hz
Sensitivity	91dB/W at 1m distance
Maximum Input Power	80W
Rated Input Power	40W
Crossover Frequency	2,500Hz, 8,000Hz
External Dimensions	325(W) x 570(H) x 317(D)mm 12-13/16(W) x 22-7/16(H) x 12-1/2(D)in
Weight	12.2kg/26lb 14oz

NOTE:

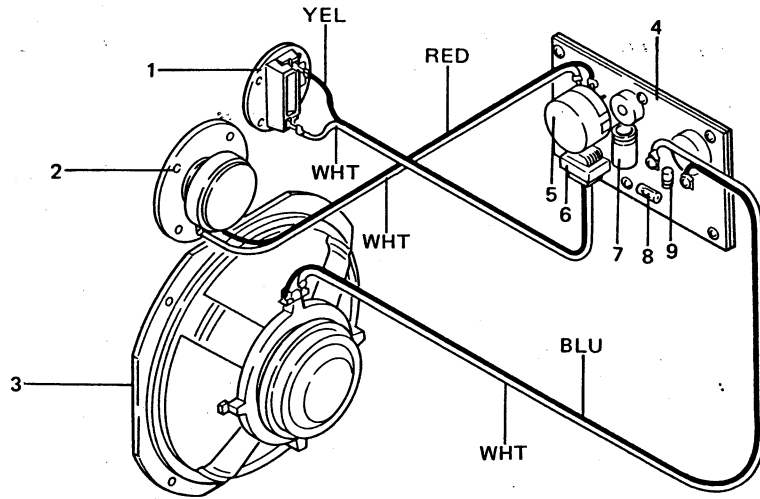
Specifications and design subject to possible modification without notice, due to improvements.



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WIRING DIAGRAM



NETWORK CIRCUIT

