SERIAL NO: MM- 1V XJ-10815

SPEAKER SYSTEM

PIONEER®

HPM-100

OPERATING GUIDE

GENERAL PRECAUTIONS

- Before connecting the speakers, turn the amplifier POWER switch OFF.
- Take care to maintain correct polarity (See Connecting Instructions). Incorrect polarity destroys the stereo effect and severely reduces the low frequency response.
- Use high quality wire: # 20 gage wire may be used for distances up to 40 feet. For greater distances use heavier gage wire.
- The maximum input power of the HPM-100 is 100 watts. Excess input power may damage speakers or cause unusual noise.
- Do not touch any part of the speaker cones.
- The nominal impedance of the HPM-100 is 8 ohms. Speakers may thus be combined with an amplifier whose output terminal impedance is 4 ~ 16 ohms.
- The enclosure has a fine finish. Polish the enclosure periodically with a polishing cloth or a soft dry cloth together with furniture wax. For maximum surface protection, do not use chemicals such as insecticides or volatiles.

LEVEL CONTROLS

Individual controls are provided for the MID and HIGH frequency ranges, and when set at "0" a suggested output characteristic is obtained. Turning either control clockwise increases the output from that speaker, while turning fully counter clockwise reduces the output to zero.

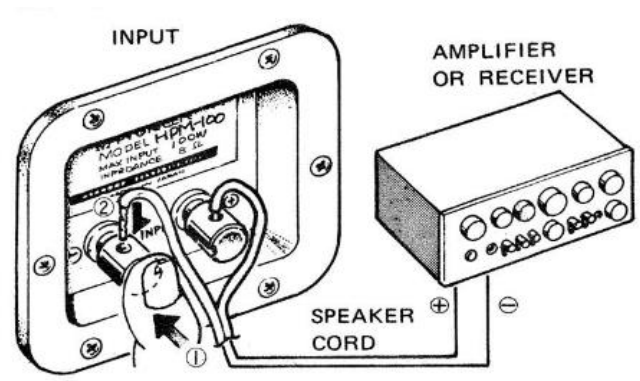
SPECIFICATIONS

Enclosure ..... Book-shelf style, Bass-reflex type
System ..... 4-speaker, 4-way system
Loudspeakers:
Woofer ..... 30cm (12 in.) cone type, carbonfiber cone
Mid-range ..... 10cm (4 in.) cone type
Tweeter ..... 4.5cm (1-3/41n.) cone type
Super tweeter ..... High-polymer type
Nominal Impedance 8
Frequency Range ..... 30 — 25,000Hz
Sensitivity ..... 92.5 dB/W at 1m distance
Maximum Input Power 100W
Rated Input Power 50W
Crossover frequency 3,000Hz, 4,000Hz, 12,000Hz
External Dimensions ..... 390(W) x 670(H) x 393(D)mm
15.3/8 (W) x 26-6/16(D) x 15-15/32(D) in
Weight ..... 26.7kg/58 lb 12 oz

•*Specifications and the design subject to possible modification without notice due to improvements.*

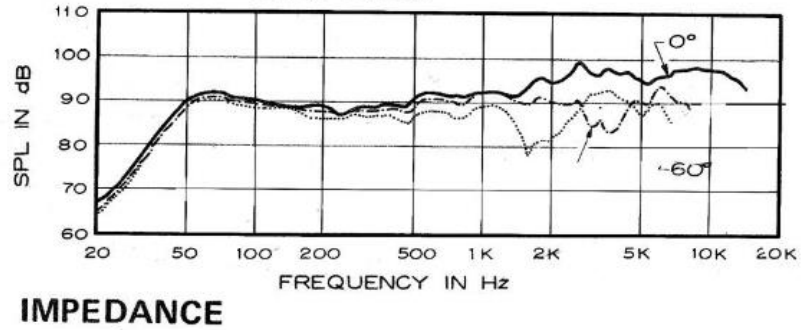
CONNECTING SPEAKERS TO AMPLIFIER

Connect RED (+) terminal of the HPM-100 to the (+) output terminal of the amplifier, and the BLACK (—) terminal to the (—) output terminal of the amplifier. To connect each lead wire, strip 3/4" (20mm) of insolation from the end, press the appropriate terminal button and insert the wire.

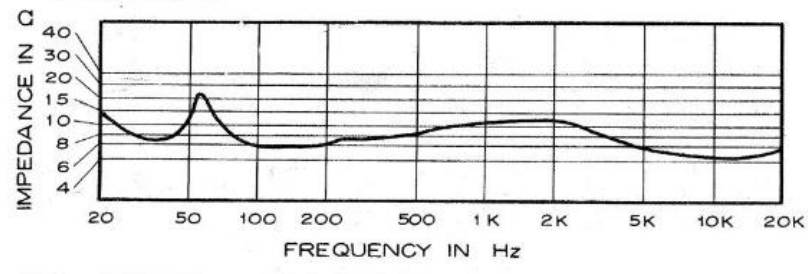


①. PUSH THE BUTTON
②. INSERT HERE THE LEAD WIRE

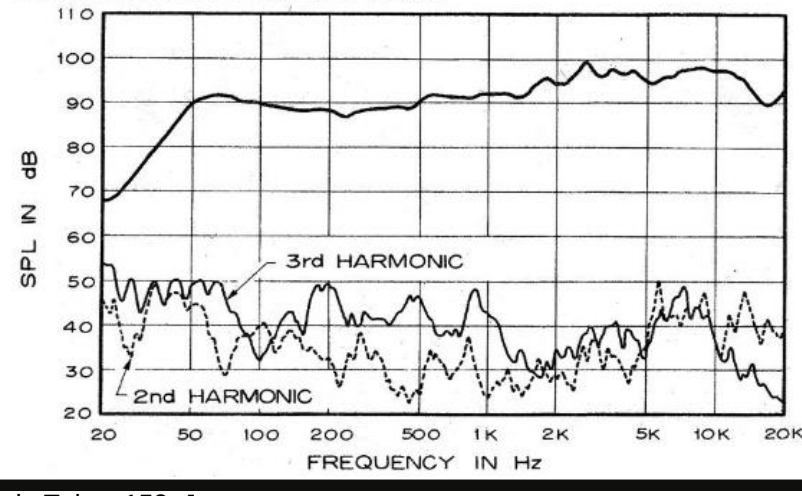
FREQUENCY RESPONSE



IMPEDANCE



HARMONIC DISTORTION



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<77105F3B12> Made in Japan Printed in Japan <SRB-154-0>