

**(( MH ))**  
*Audio*

MH4000  
User Manual



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**15" BASS SPEAKER**

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# SYSTEM EQUIPMENT

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Thank you for your purchase and welcome to the world of Nakamichi! Please keep your original proof of purchase or invoice in a safe place in case of any warranty claims. Do also mail or register your warranty with the official Nakamichi service centers and/or agents to ensure that you are provided with the relevant technical support if required.

## PRODUCT INFORMATION

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| <b>Model</b>                      | <b>NSW-Z1203S4</b>    |
|-----------------------------------|-----------------------|
| Nominal diameter                  | Φ 387mm 15in          |
| Nominal impedance                 | 4+4 ohm               |
| Power rating                      | 4000W RMS             |
| Sensitivity(1w/1m)                | 85dB ± 2dB            |
| Frequency range                   | 37Hz~1.5KHz           |
| Voice coil diameter               | Φ 99.5mm              |
| Voice coil length                 | 45mm                  |
| Air gap height                    | 12mm                  |
| Magnet dimension                  | Φ 220mmx40mm          |
| Resonant frequency,FS             | 37Hz                  |
| D.C.Voice coil resistance,Re      | 6.8                   |
| Mechanical quality factor,Qms     | 5.335                 |
| Electrical quality factor,Qes     | 0.628                 |
| Total quality factor,Qts          | 0.561                 |
| Equivalent air volume to Cms, Vas | 46L                   |
| Mechanical compliance,Cms         | 0.047MM/N             |
| BL factor,BI                      | 31.52N/A              |
| Effective surface area,Sd         | 82.958Mm <sup>2</sup> |
| Linear Excursion,Xmax             | 16.5mm                |
| Basket                            | Die aluminium         |
| Cone and dust cap                 | Paper                 |
| Surround                          | Foam                  |
| Voice coil wire                   | Copper                |
| Voice coil bobbin                 | Aluminium             |
| Magnet                            | Ferrite               |
| Overall diameter                  | Φ 387mm               |
| Bolt circle diameter              | Φ 374mm               |
| Baffle cutout diameter            | Φ 351mm               |
| Depth                             | Φ 207mm               |
| Net weight                        | 15Kg                  |

# IMPORTANT

Read and understand all instructions before you use the apparatus. If damage is caused by failure to follow instructions, the warranty does not apply.

Use only the supplied mounting hardware for a safe and secure installation.

Do not continuously use the speaker system beyond the peak power handling capacity.

Keep credit cards, watches, recorded tapes etc. with magnetic coding away from the speaker system to prevent damage caused by the magnets in the speakers.

Clean the apparatus with soft, damp cloth. Never use substances such as alcohol, chemicals or household cleaners on the speaker.

## MOUNT ON REAR TRAY

You can mount the subwoofer on the rear tray.

Set the wiring firmly on the floor of the vehicle, taking the utmost care not to break wires while installing.

1. Turn off the car ignition key.

IF the power is on, the click noise generated by the connection may damage the subwoofer.

2. Cut out the mounting template from the packing box and paste it onto the location selected for mounting the subwoofer.

3. Mark the cut-off hole and the 8 bolt holes.

4. Cut out the marked area and drill the bolt holes.

5. Connect the subwoofer to the amplifier.

Consult the diagram below. Be sure to connect corresponding terminals, i.e. "+" to "+" and "-" to "-". connection with reversed polarity will degrade the quality of production.

