INSTRUCTION MANUAL

MATCHING TRANSFORMER MT-S0601

Thank you for purchasing TOA's Matching Transformer.
Please carefully follow the instructions in this manual to ensure long, trouble-free use of your equipment.

1. SAFETY PRECAUTIONS

- Before installation or use, be sure to carefully read all the instructions in this section for correct and safe operation.
- Be sure to follow all the precautionary instructions in this section, which contain important warnings and/or cautions regarding safety.
- After reading, keep this manual handy for future reference.

Safety Symbol and Message Conventions
Safety symbols and messages described below are used in this manual to prevent bodily injury and property damage which could result from mishandling. Before operating your product, read this manual first and understand the safety symbols and messages so you are thoroughly aware of the potential safety hazards.

⚠ WARNING
Indicates a potentially hazardous situation which, if mishandled, could result in death or serious personal injury.

- Be sure to use this matching transformer only for the specified speakers. If any other speaker is used, the transformer could detach and fall, resulting in personal injuries. Also, the transformer could generate heat, causing a fire.

⚠ CAUTION
Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage.

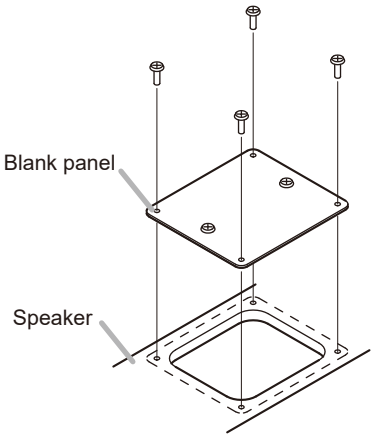
- When installing the matching transformer, consult the shop from where it was purchased because installation requires specialized skills and professional experience. If the transformer should fall, it could result in personal injuries.
- Avoid using an 83 Ω tap when the speaker line of high impedance is a 100 V line. Otherwise, heat builds up in the matching transformer, possibly causing a fire.

2. GENERAL DESCRIPTION

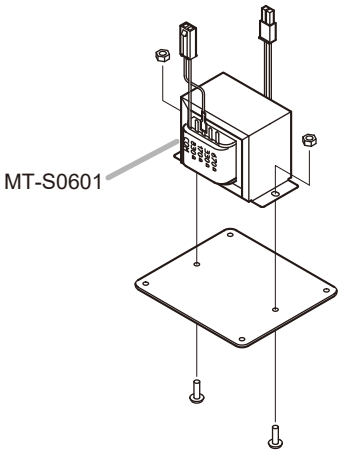
The MT-S0601 matching transformer is designed to be installed in the speaker and used to convert the low-impedance speaker into the high-impedance version.

3. INSTALLING THE MATCHING TRANSFORMER

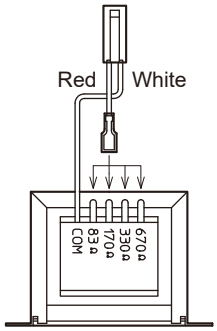
Step 1. Remove four screws holding the blank panel to the speaker and remove the panel.



Step 2. Mount the matching transformer to the back side of the blank panel.
Use screws and nuts attached to the blank panel.



Step 3. Connect a lead wire to the desired impedance tap.



⚠ CAUTION

Avoid using an 83 Ω tap when the speaker line of high impedance is a 100 V line.

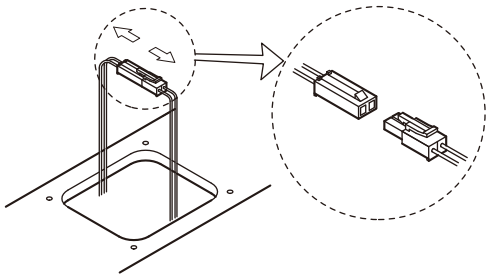
Note

Select the tap before installing the transformer in the speaker. (Note that the tap cannot be changed from the outside once the transformer has been installed.)

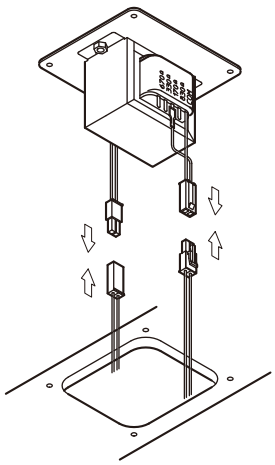
Tap	83 Ω	170 Ω	330 Ω	670 Ω
High impedance 100 V line	——	60 W	30 W	15 W
High impedance 70 V line	60 W	30 W	15 W	7.5 W

Step 4. Disconnect the lead wire connectors to change wiring so as to permit the connection of the matching transformer.

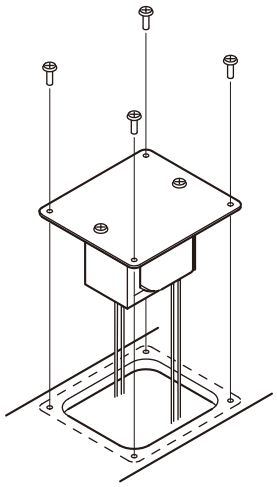
4-1. Take the lead wire out of the speaker to disconnect the connection.



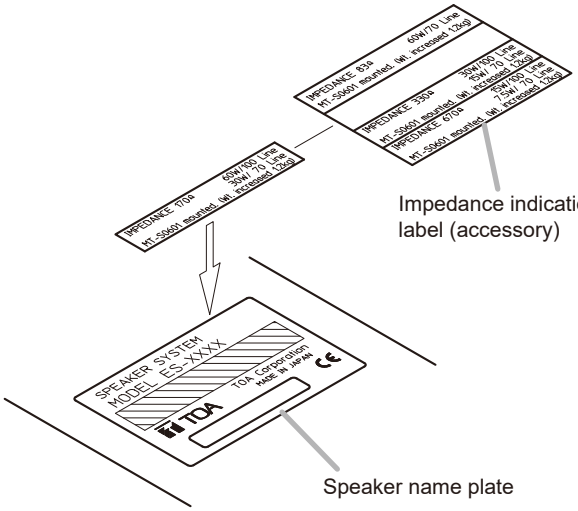
4-2. Connect two lead wires to the transformer.



Step 5. Replace the blank panel/transformer assembly in the speaker.



Step 6. Separate the corresponding label from the impedance indication label supplied with the transformer and attach it to the impedance indication area in the speaker name plate.



4. SPECIFICATIONS

Rated Input	60 W
Primary Impedance	100 V Line: 170 Ω (60 W), 330 Ω (30 W), 670 Ω (15 W) 70 V Line: 83 Ω (60 W), 170 Ω (30 W), 330 Ω (15 W), 670 Ω (7.5 W)
Secondary Impedance	8 Ω
Dimensions	91 (w) x 59 (h) x 73 (d) mm (lead wire excluded)
Weight	1.2 kg
Accessory	Impedance indication label..... 1

Note: The design and specifications are subject to change without notice for improvement.