

# MATCHING TRANSFORMER

# MT-S0601

Please follow the instructions in this manual to obtain the optimum results from this unit.  
We also recommend that you keep this manual handy for future reference.

### ■ SAFETY PRECAUTIONS

- Be sure to read the instructions in this section carefully before use.
- Make sure to observe the instructions in this manual as the conventions of safety symbols and messages regarded as very important precautions are included.
- We also recommend you keep this instruction 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 so you are thoroughly aware of the potential safety hazards as well as understand the safety symbols and messages.

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

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

### WARNING

- 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

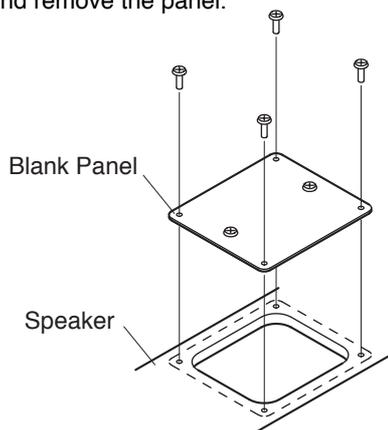
- When installing the matching transformer, consult the shop from where it was purchased because installation requires specialized skills and professional experience. If the transformer should fall, it could result in personal injuries.
- Avoid using an 83 Ω tap when the speaker line of high impedance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

### ■ GENERAL DESCRIPTION

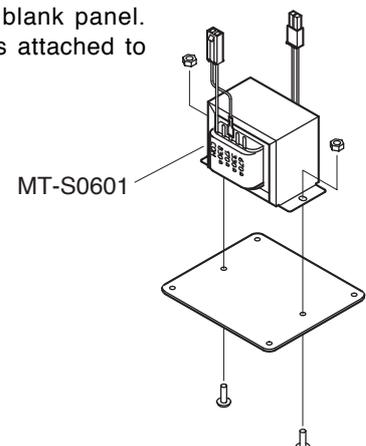
The MT-S0601 matching transformer is designed to be installed in the speaker and used to convert the low-impedance speaker into the high-impedance version.

### ■ INSTALLING THE MATCHING TRANSFORMER

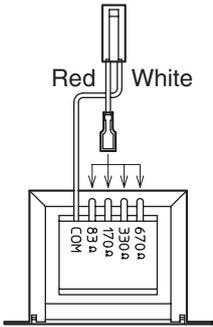
1. Remove four screws holding the blank panel to the speaker and remove the panel.



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



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



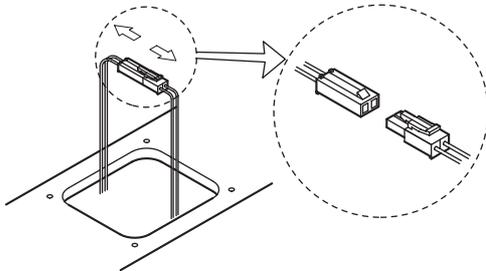
**CAUTION**  
 Avoid using an 83 Ω tap when the speaker line of high impedance is a 100 V line.

**[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.)

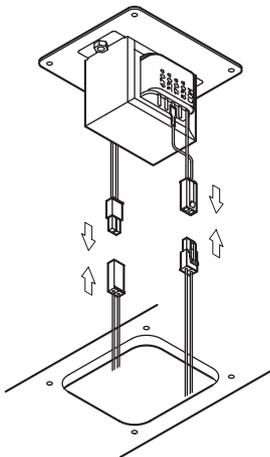
Tap	83 Ω	170 Ω	330 Ω	670 Ω
High impedance 100 V line	—	60 W	30 W	15 W
High impedance 70 V line	60 W	30 W	15 W	7.5 W

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

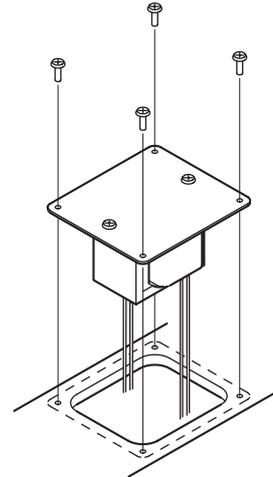
- Take the lead wire out of the speaker to disconnect the connection.



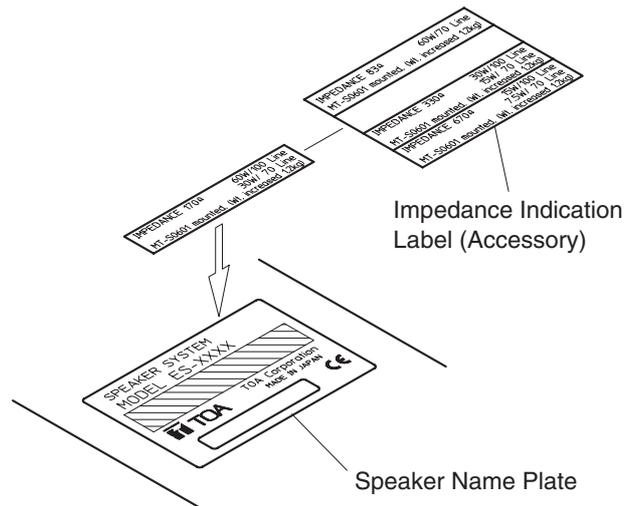
- Connect two lead wires to the transformer.



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



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



## SPECIFICATIONS

Rated Input	60 W
Primary Side Terminals (100 V Line)	170 Ω (60 W), 330 Ω (30 W), 670 Ω (15 W)
Primary Side Terminals (70 V Line)	83 Ω (60 W), 170 Ω (30 W), 330 Ω (15 W), 670 Ω (7.5 W)
Secondary Side Terminals	8 Ω
Dimensions	91 (W) x 59 (H) x 73 (D) mm (lead wire excluded)
Weight	Approximately 1.2 kg

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

### Accessories

Impedance indication seal ..... 1