

**SPEAKER UNIT****TS-D1100-SP**

Thank you for purchasing TOA's Speaker Unit.

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.

**WARNING**

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

- Do not expose the unit to rain or an environment where it may be splashed by water or other liquids, as doing so may result in fire or electric shock.
- Avoid installing or mounting the unit in unstable locations, such as on a rickety table or a slanted surface. Doing so may result in the unit falling down and causing personal injury and/or property damage.
- Should the following irregularity be found during use, immediately stop the power supply to the unit. Make no further attempt to operate the unit in this condition as this may cause fire or electric shock.
  - If you detect smoke or a strange smell coming from the unit
  - If water or any metallic object gets into the unit
  - If the unit falls, or the unit case breaks
  - If the connection cable is damaged (exposure of the core, disconnection, etc.)
  - If it is malfunctioning (no tone sounds)
- To prevent a fire or electric shock, never open nor remove the unit case as there are high voltage components inside the unit. Refer all servicing to qualified service personnel.
- Do not place cups, bowls, or other containers of liquid or metallic objects on top of the unit. If they accidentally spill into the unit, this may cause a fire or electric shock.
- Do not insert nor drop metallic objects or flammable materials in the ventilation slots of the unit's cover, as this may result in fire or electric shock.

**CAUTION**

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

- Avoid installing the unit in humid or dusty locations, in locations exposed to the direct sunlight, near the heaters, or in locations generating sooty smoke or steam as doing otherwise may result in fire or electric shock.

**Warning:** Operation of this equipment in a residential environment could cause radio interference.

The rating nameplate is attached to the bottom surface of the unit.

## **FCC REQUIREMENTS**

### **Note**

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

### **Modifications**

Any modifications made to this device that are not approved by TOA Corporation may void the authority granted to the user by the FCC to operate this equipment.

## **DECLARATION**

Any modification to the unit, unless expressly approved by TOA Electronics, Inc., could void your authority to operate the equipment.

### **DECLARATION OF CONFORMITY**

TOA Electronics, Inc.

1 Harmon Plaza, Suite 700 Secaucus, New Jersey 07094, USA  
TEL 650-452-1200

declares under its sole responsibility that the product  
SPEAKER UNIT TS-D1100-SP Y

complies with part 15B of FCC Rules.

Operation is subject to the following conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## 2. GENERAL DESCRIPTION

The TS-D1100-SP Speaker Unit is specially designed for use with TOA's TS-D1100 Series Digital Conference System. Use only Cat5e STP cables for all interconnections.

## 3. FEATURES

- The TS-D1100-SP single speaker unit provides clear conference audio to all participants within a radius of approximately 3 meters (10 feet).
- Volume can be adjusted to match the size of the conference room and the number of participants.

## 4. CONNECTION AND USE

For more details regarding the correct procedures for system connection and use, please refer to the system's included Instruction Manual.

## 5. SPECIFICATIONS

Power Source	24 V DC (supplied from the optional TS-D1100-MU Master control unit, the optional TS-D1000-SU Sub control units, or the optional TS-D1000-EX Extension units)
Power Consumption	5 W or less
Frequency Response	100 Hz to 13 kHz
Signal to Noise Rate	60 dB or more (A-weighted)
Speaker Output	8 $\Omega$ , 1 W 80 dB SPL
Connecting Terminal	RJ45 connector x 2
LED Indicator	Power indicator, Volume indicator
Function	Volume control function
Operating Temperature	0 to 40 °C (32 to 104 °F)
Operating Humidity	90%RH or less (no condensation)
Finish	Case: ABS resin, black
Dimensions	214.2 (w) x 55.3 (h) x 211.4 (d) mm (8.43" x 2.18" x 8.32")
Weight	550 g (1.21 lb)

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

**Traceability Information for USA**

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