

CHAIRMAN UNIT DELEGATE UNIT

TS-D1000-CU TS-D1000-DU

Thank you for purchasing TOA's Chairman unit/Delegate 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.



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



WARNING

- 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

- 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.

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 products

CHAIRMAN UNIT TS-D1000-CU Y

DELEGATE UNIT TS-D1000-DU Y

comply 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-D1000-CU Chairman units, and the TS-D1000-DU Delegate units are designed for use in the TOA Digital conference systems.

The systems can be set up quickly merely connecting a number of Chairman/Delegate units to the TS-D1100-MU Master control unit, using Cat5e STP LAN cable.

Two types of dedicated microphones are made available for the Chairman and Delegate units as optional products: the TS-D1000-M1 Standard microphone and the TS-D1000-M2 Long microphone.

3. FEATURES

- The TS-D1000-CU Chairman unit has Priority speech function. When a speech of other Delegate unit is in progress, the Chairman unit can terminate and supersede the Delegate unit.
- The optional dedicated microphones employ the XLR-type connectors, and are designed to be easily detachable for space-saving storage.

4. SPECIFICATIONS

4.1. Chairman Unit TS-D1000-CU

Power Source	24 V DC (supplied from the optional TS-D1100-MU Master control unit, optional TS-D1000-SU Sub control units, or optional TS-D1000-EX Extension units.)
Power Consumption	1.5 W or less
Signal to Noise Ratio	65 dB or more (A-weighted)
Input	Microphone terminal: XLR-3-31 type
Output	Monitor speaker: 8 Ω , 0.4 W Earphone: ϕ 3.5 mm mini Jack (3P: monaural) x 2
Speaker Output	75 dB SPL
Connecting Terminal	RJ45 connector x 2
LED Indicator	Power indicator, Speech indicator
Function	Speech function, Priority speech function, Earphone volume control x 2
Operating Temperature	0 to 40 °C (32 to 104 °F)
Operating Humidity	90%RH or less (no condensation)
Finish	Case: ABS resin, black, mat finish, paint Speaker net: Steel plate, black, mat finish, paint
Dimensions	208.9 (w) x 71.3 (h) x 160.5 (d) mm (8.22" x 2.81" x 6.32")
Weight	880 g (1.94 lb)

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

• Optional products

Standard microphone: TS-D1000-M1

Long microphone: TS-D1000-M2

4.2. Delegate Unit TS-D1000-DU

Power Source	24 V DC (supplied from the optional TS-D1100-MU Master control unit, optional TS-D1000-SU Sub control units, or optional TS-D1000-EX Extension units.)
Power Consumption	1.5 W or less
Signal to Noise Ratio	65 dB or more (A-weighted)
Input	Microphone terminal: XLR-3-31 type
Output	Monitor speaker: 8 Ω, 0.4 W Earphone: ø3.5 mm mini Jack (3P: monaural) x 2
Speaker Output	75 dB SPL
Connecting Terminal	RJ45 connector x 2
LED Indicator	Power indicator, Speech indicator
Function	Speech function, Earphone volume control x 2
Operating Temperature	0 to 40 °C (32 to 104 °F)
Operating Humidity	90%RH or less (no condensation)
Finish	Case: ABS resin, black, mat finish, paint Speaker net: Steel plate, black, mat finish, paint
Dimensions	208.9 (w) x 71.3 (h) x 160.5 (d) mm (8.22" x 2.81" x 6.32")
Weight	875 g (1.93 lb)

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

• **Optional products**

Standard microphone: TS-D1000-M1

Long microphone: TS-D1000-M2

Traceability Information for USA	TOA Electronics, Inc. 1 Harmon Plaza, Suite 700 Secaucus, New Jersey 07094, USA https://www.toaelectronics.com/
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