

SUB CONTROL UNIT**TS-D1000-SU**

Thank you for purchasing TOA's Sub control 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.
- Use the unit only with the voltage specified on the unit. Using a voltage higher than that which is specified may result in fire or electric shock.
- Do not cut, kink, otherwise damage nor modify the power supply cord. In addition, avoid using the power cord in close proximity to heaters, and never place heavy objects -- including the unit itself -- on the power cord, 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, remove the plug for the AC adapter from the wall outlet and contact your nearest TOA dealer. 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 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 touch a power supply plug during thunder and lightning, as this may result in electric shock.

CAUTION

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

- Never plug in nor remove the power supply plug with wet hands, as doing so may cause electric shock.
- When unplugging the power supply cord, be sure to grasp the power supply plug; never pull on the cord itself. Operating the unit with a damaged power supply cord may cause a fire or electric shock.
- When moving the unit, be sure to remove its power supply cord from the wall outlet. Moving the unit with the power cord connected to the outlet may cause damage to the power cord, resulting in fire or electric shock. When removing the power cord, be sure to hold its plug to pull.
- 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.
- Be sure to follow the instructions below when rack-mounting the unit. Failure to do so may cause a fire or personal injury.
 - Install the equipment rack on a stable, hard floor. Fix it with anchor bolts or take other arrangements to prevent it from falling down.
 - When connecting the unit's power cord to an AC outlet, use the AC outlet with current capacity allowable to the unit.
 - The rack-mounting screws supplied with the optional MB-15B-BK and the MB-15B-J Rack-mounting brackets can be used for the TOA equipment rack only. Do not use them for other racks.

- Do not place heavy objects on the unit as this may cause it to fall or break which may result in personal injury and/or property damage. In addition, the object itself may fall off and cause injury and/or damage.
- Use the supplied AC adapter for the unit. Note that the use of other adapter may cause a fire.
- If dust accumulates on the power supply plug or in the wall AC outlet, a fire may result. Clean it periodically. In addition, insert the plug in the wall outlet securely.
- Switch off the power, and remove the plug for the AC adapter from the wall outlet for safety purposes when cleaning or leaving the unit unused for 10 days or more. Doing otherwise may cause a fire or electric shock.

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

The socket-outlet shall be installed near the equipment and the plug (disconnecting device) shall be easily accessible.

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

SUB CONTROL UNIT TS-D1000-SU 3CU

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-D1000-SU Sub control unit is used to increase the number of Conference units* that can be connected to the TS-D1100-MU Master control unit.

* Collective name of the 4 models: TS-D1000-CU Chairman unit, TS-D1000-DU Delegate unit, TS-D1100-MC Microphone unit, and TS-D1100-SP Speaker unit

Tip

For more information on installation and connection, please refer to the instruction manual supplied with the Master control unit.

3. SPECIFICATIONS

Power Source	100 to 240 V AC, 50/60 Hz (use of the supplied AC adapter)
Power Consumption	80 W or less
Number of Connectable Conference Units	48 units
Conference units Terminal	RJ45 connector ×3
Sub Control Units Terminal	RJ45 connector ×2
Maximum Cable Distance	50 m or 164.04 ft (between this unit and Conference unit at the end of daisy chain)*
LED Indicator	Power indicator
Operating Temperature	0 to 40 °C (32 to 104 °F)
Operating Humidity	90%RH or less (no condensation)
Finish	Panel: Aluminum, black, 30% glossy, paint Case: Surface-treated steel plate, black, 30% glossy, paint
Dimensions	210 (w) x 45.8 (h) x 294.8 (d) mm (8.27" x 1.8" x 11.61")
Weight	1.6 kg (3.53 lb)

* Cable length can be extended to a maximum of 100 m (328.08 ft) with the use of the Extension unit.

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

• Accessories

AC adapter (DC cord: 1.8 m or 5.91 ft, Detachable AC cord: 2 m or 6.56 ft) 1
Connection cable (Cat5e STP, 1 m or 3.28 ft) 1

• Optional products

Rack mounting bracket: MB-15B-BK (for rack mounting one TS-D1000-SU unit)
Rack mounting bracket: MB-15B-J (for rack mounting two TS-D1000-SU units)

Traceability Information for USA

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