

# BRIDGE UNITS

# TS-919B1, TS-919B4

Thank you for purchasing TOA's Bridge Unit.

Please carefully follow the instructions in this manual to ensure long, trouble-free use of your equipment.

## 1. GENERAL DESCRIPTION

The TS-919B1 and TS-919B4 are Bridge units for connecting the TS-911, TS-912, TS-811, and TS-812 Wired Conference units to the TS-910 Central unit.

The Bridge units are directly connected to the TS-918 Expansion unit connected to the Central unit. A single Conference unit can be connected to the TS-919B1 and up to 4 Conference units to the TS-919B4.

Connection between each Bridge unit and the Expansion unit or Conference unit is made with a single CAT-5 LAN cable.

## 2. FEATURES

- Connection between the Bridge unit and the Expansion unit or each Conference unit can be made using a single CAT-5 LAN cable, facilitating installation and construction work.
- Two types of Bridge units are available: single-Conference unit connection type and 4-Conference unit connection type, either of which is freely selectable depending on installation conditions.

## 3. SPECIFICATIONS

Model Number	TS-919B1	TS-919B4
Power Source	24 V DC (supplied from the optional TS-918 Expansion Unit)	
Current Consumption	Max. 16 mA	Max. 26 mA
Branching Loss	Upstream: 16.5 dB Downstream: 16 dB	Upstream: 17.5 dB Downstream: 16.5 dB
Insertion Loss	Upstream: 1 dB Downstream: 0.5 dB	Upstream: 3 dB Downstream: 2 dB
Connection Terminal	Communication cable connection terminal: RJ45 connector x 2 Conference unit connection terminal: RJ45 connector	Communication cable connection terminal: RJ45 connector x 2 Conference unit connection terminal: RJ45 connector x 4
LED Indicator	Connection status indicator	Connection status indicator x 4
Number of Connectable Chairman/Delegate Units	1 unit	4 units
Operating Temperature	0 to 40 °C (32 to 104 °F)	
Operating Humidity	90 %RH or less (no condensation)	
Finish	ABS resin, black	
Dimensions	68 (w) x 60.3 (h) x 24 (d) mm (2.68" x 2.37" x 0.94")	176.2 (w) x 75 (h) x 29.8 (d) mm (6.94" x 2.95" x 1.17")
Weight	40 g (1.41 oz)	160 g (0.35 lb)

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

### Traceability Information for Europe

Manufacturer:  
TOA Corporation  
7-2-1, Minatojima-Nakamachi, Chuo-ku, Kobe, Hyogo,  
Japan

Authorized representative:  
TOA Electronics Europe GmbH  
Suederstrasse 282, 20537 Hamburg,  
Germany