### TOA INSTITUTIONAL COMMUNICATION SYSTEM

# CONTROL STATION

## **AS-100A**



#### **DESCRIPTION**

The AS-100A control station with handset is constructed of high impact ABS, and controls all communication to remote sub-station handsets and/or speakers. The AS-100A also controls paging and time functions for the entire system, which are all indicated with the integrated LCD display. The AS-100A measures 8.5" (216mm)(W) x 2.8" (69.5mm)(H) x 8.2"(208mm)(D) and weighs 2.2lbs. (960g).

#### **FEATURES**

 Full-duplex communication with remote sub-station handsets and other AS-100A units.

- 2. Half-duplex communication with remote sub-station speakers.
- 3. Full outside (C/O) telephone line functions.
- 12-digit LCD shows dialing data, displays priorities, current time, and messages from personal computer.
- 5. High/Low selectable speaker volume control.
- 6. Direct connection of external microphone or headset.
- 7. Membrane keypad.
- 8. Controls all paging functions.
- 9. Controls all time signal functions.
- 10. Jack for 4-pin STD Modular telephone plug connection.
- 11. Provides 3-party conferencing.
- 12. Programming from keypad.
- 13. Desk or wall mountable.
- 14. Uses 22-24 AWG, two (2) pair twisted wire.
- 15. Initiates Duress Alarm.

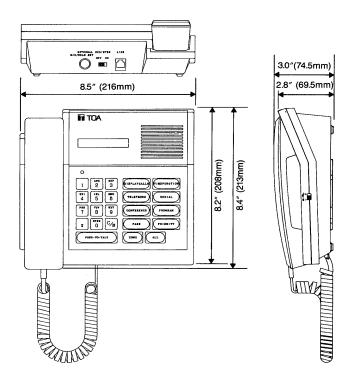


#### **SPECIFICATIONS**

Dynamic type, 130 ohms each
Dynamic type, 8 ohms, 2.25"(57mm) dia. 0.6W
Electret condenser type
Membrane key switch
H/L selectable
External mic. or headset connectable
LCD, 12-digit
Twisted 2 pairs, nonpolar (Desk mounting to 4-pin STD Modular telephone connector)
24 VDC, 30mA
32° to 104°F (0° to 40°C)
ABS resins, pale white
8.5" x 2.8" x 8.2" (216 x 69.5 x 208mm)
2.2lbs. (960g)
Wall mounting bracket

<sup>\*</sup>Specifications are subject to change without notice.

#### APPEARANCE AND DIMENSIONAL DIAGRAM



#### ARCHITECT'S AND ENGINEER'S SPECIFICATIONS

The Master Control Station shall be a TOA AS-100A and shall be capable of full-duplex communication with other AS-100A and RS-110 (handset room station) units, via the AS-100A dynamic handset. The AS-100A shall be capable of "hands-free" communication with other AS-100A via an on-board dynamic electret condenser mic and have the ability to attach an external mic or headset via a 1/4" jack. The AS-100A shall be configured with a 12-digit LCD display, a modular (TELCO type) jack for standard four (4) conductors, 22-24 AWG wire, and an 8-ohm, dynamic speaker with volume switch. The AS-100A shall be capable of DTMF dialing for C/O line telephone calls. All programming, paging, calling and program distribution functions shall be user operated from the AS-100A membrane keypad. The AS-100A shall be made of high impact ABS resins and shall be desk or wall mountable.