### TOA INSTITUTIONAL COMMUNICATION SYSTEM

# CONTROL STATION

## **AS-110**



#### **DESCRIPTION**

The TOA AS-110 control station with handset is intended to be used in conjunction with the IC-100 system. It is a ruggedly constructed surface or flush-wall-mount unit that can also be mounted in a console by using the supplied brackets. The AS-110 handles all communication to remote substation handsets and/or speakers, and also controls the IC-100 system's paging, program and time functions. All operations are indicated on the unit's integrated LCD (liquid crystal display). The AS-110 measures 9.45" (240mm)(H) x 10.47" (266mm)(W) x 3.31" (84mm)(D), and weighs 573lbs. (2.6kg).

#### **FEATURES**

- Full-duplex communication with remote substation handsets, other AS-100(A)s and AS-110s, and PBX systems.
- 2. Half-duplex communications with remote substation speakers.
- 3. Full outside (C/O) telephone line or PBX functions.
- 12-digit LCD shows dialing data, displays priorities, current time, and messages from linked personal computer.
- 5. Selectable High/Low speaker volume control.
- 6. Direct connection of external microphone or headset
- 7. Membrane key switch keypad.
- 8. Controls all system paging and time signal functions.
- Jack included for 4-pin STD Modular telephone plug connection.
- 10. Provides for 3-party conferences.
- 11. Programming from keypad possible.
- 12. Wall-mountable, with bracket for console mounting.
- 13. Uses 22-24 AWG two (2) pair nonpolar twisted wire.
- 14. Can initiate Duress Alarm.

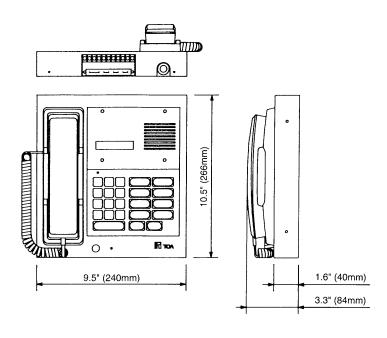


#### **SPECIFICATIONS**

24V DC, 30mA (powered from exchange)
Dynamic type, $130\Omega$ each
Dynamic type, $8\Omega$ ø2.25" (ø57mm), 0.6W
Electret condenser type
Membrane key switch
External microphone or headset
LCD, 12-digit
Twisted 2 pairs, nonpolar
32° to 104°F (0° to 40°C)
White painted
9.5" x 10.5" x 3.3" (240 x 266 x 84mm)
5.73lbs. (2.6kg)
Mounting bracket kit

<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-110 and shall be capable of full-duplex communication with other AS-110/ AS-100A and RS-120 (handset room station) units, via the AS-110's dynamic type handset transmitter and receiver. The AS-110 shall be capable of hands-free communication with other AS-110/AS-100A units via an on-board dynamic electret microphone, or via a 1/4" jack for attaching an external mic or headset. The AS-110 shall be outfitted with a 12-digit liquid crystal display (LCD), a modular (TELCO type) jack for standard four (4) conductors, 22-24 AWG wire, and an 8-ohm dynamic speaker with a volume switch. The AS-110 shall be capable of DTMF dialing for C/O line telephone or PBX calls. All programming, paging, calling and program distribution functions shall be user-operable from the AS-110's membrane keypad. The AS-110 shall be made of splatter-painted steel and high-impact ABS plastic, and shall be wall-mountable, with console mounting possible by using the supplied brackets.

