

10 BUTTON STATION ANNOUNCEMENT POINT



- IP65 VANDAL RESISTANT DESIGN
- LOCKABLE & WALL-MOUNTED ENCLOSURE
- SUPPORTS IP OR ANALOGUE CONNECTIVITY
- 10 PHYSICAL BUTTONS PLUS PTT

OVERVIEW

The SAP03 Station Announcement Point is housed in an IP65 vandal resistant, lockable wall-mounting box. It is designed to work with the whole range of ASL Voice Alarm and Public Address systems, and is normally used for making announcements to station platforms.

The unit features 10 buttons which can be used to select zones for live announcements or to trigger DVA messages. Each button includes three LED indicators which provide indications that a zone has been selected, is already in use (busy) or is in a fault condition.

A processor within the Station Announcement Point interfaces all LEDs and switches to the Router by means of a serial interface, while microphone audio is provided as a balanced 0 dBu (nominal) analogue signal. The unit features a built-in signal limiter to accommodate varying operator technique. The microphone's processor is also responsible for generating an outgoing low-frequency surveillance tone which is used to monitor the audio connection to the Router, while microphone capsule monitoring is performed by injection and monitoring of a signal such that either open or short circuit of the capsule or associated wiring will indicate a fault.

When used in conjunction ASL's audio routers, the SAP03 supports dual communication and audio interfaces. These can be configured as a dual redundant interface to a single host or to control separate A and B routers in systems with redundant audio routers.

Field connections are provided on the inside rear panel of the back box by DIN rail mounted terminals. Cable entry points / gland holes are not normally provided and must be drilled according to site requirements.

For further details, and for information on other products, please visit www.asl-control.co.uk.

SPECIFICATION

General

Supply Voltage Range 15 - 40 V DC
Audio Output 2 x Analogue audio / balanced / 0 dBu
..... nominal / 220 Ω
Control Data 2 x EIA RS485 / 19200 baud /
..... ASL Serial Protocol

Current Consumption

Min., all LEDs off 90 mA @ 24 V DC supply
Max., all LEDs on 110 mA @ 24 V DC supply

Buttons (in addition to Fist Mic PTT)

Quantity 10 Physical
Function Zone Select / Message Trigger
Indicators Speak Now / Busy / Fault Indication

Mechanical

Colour Agate Grey RAL7038 (Low Smoke and Fume,
..... Zero Halogen)
Format Wall Mounted Metal Box
Weight 10.5 kg
Dimensions (H x W x D) 500 mm x 150 mm x 151.5 mm

Environmental

Operating -10°C to +55°C
Storage -20°C to +55°C
Humidity Range 0% to 95% Non-condensing
Ingress Protection IP65 (with door closed, and back
..... box fixing and cable entry holes sealed)

Compatibility

INTEGRA Range All In One Voice Alarm System
VIPEDIA Range Voice Alarm Audio Router
VIPA Range VIPA IP enabled products

Product Code

SAP03 10 Button Station Announcement Point



This equipment is designed and manufactured to conform to the following EU Directives:

Electromagnetic Compatibility (EMC): 2014/30/EU
Low Voltage: 2014/35/EU
Restriction of Hazardous Substances (RoHS): 2011/65/EU

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