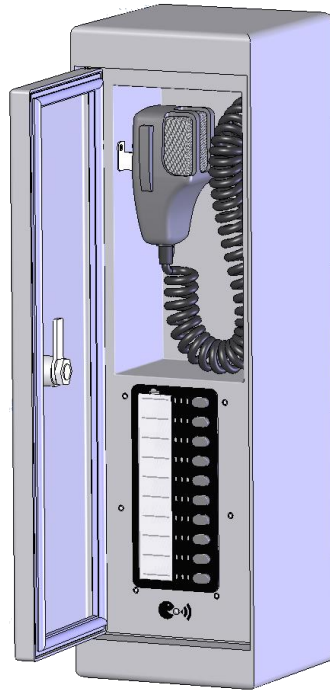


SAP03

10 Button Station Announcement Point



Description

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 with the Vipedia-12 audio router, 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.

Product Overview

SPECIFICATION

General

Supply Voltage Range	18 – 40 V DC
Current Consumption	
Min., all LEDs off	95 mA @ 24 V DC supply
Max., all LEDs on	220 mA @ 24 V DC supply
Audio Output.....	2 x 0 dBu balanced (nominal)
Output Impedance	66 Ω
Microphone Control Data.....	2 x RS485 / 19200 baud

Buttons (in addition to Fist Mic PTT)

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

Others

Colour	Agate Grey RAL7038
Low Smoke and Fume, Zero Halogen	

Dimensions and Weight

Dimensions (H x W x D)	500 mm x 150 mm x 151.5 mm
Weight.....	10.4 kg max.

Environmental

Temperature (Storage and Operating)	-5 °C to +50 °C
Humidity Range	0% to 93% Non-condensing
Ingress Protection.....	IP65
With door closed, and back box fixing and cable entry holes sealed	



This equipment is designed and manufactured to conform to the following EC standards:

EMC: EN55103-1/E1, EN55103-2/E5, EN50121-4, ENV50204

Safety: EN60065

Manufacturer

Application Solutions (Safety and Security) Limited
Unit 17 - Cliffe Industrial Estate - Lewes - East Sussex - BN8 6JL -
U.K.

Tel: +44(0)1273 405411 Fax: +44(0)1273 405415

www.asl-control.co.uk



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