ATEÏS®

PSS-AS

FULL COLOR TOUCH-SCREEN SECURE PAGING CONSOLE

EN54-16

MAIN CHARACTERISTICS

- Secured CAT-5 link to controllers and slaves
- Supervision of microphone capsule
- Monitoring loudspeaker
- 5" full color touch-screen, 800 x 480 pixels
- 14-pages x 12 keys
- Power, status and fault indicator
- Comprehensive system status information from the touch-screen
- EN54-16 certified

The PSS paging console comes with a 5" TFT touch screen interface which allows call-paging, message broadcasting and DSP matrix parameter control over a secure (monitored) bus. The backlit full-color touch screen is designed for simple, user-friendly operation and offers a total of 168 software keys across 14 pages for zone or group of zones selections. Each key contains a colour-changing field indicating that the zone is occupied by a different process. Alongside the touch screen, three hardware keys are also provided for free assignment within the software.

Several levels of operation with password protection make the PSS a versatile device that fits as well in a commercial shopping center as in an industrial high-security environment. All paging parameters for site operation can be pre-programmed; zones can be assigned, named, grouped to different buttons, message triggered and level, pre-call chime set and adjusted. The message and the chime can also be stored in the PSS console. In addition, fader control, button control and event control can also be pre-configured.

PSS-AS: Used with IDA8 system and ECS system controllers and slaves

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CERTIFICATIONS AND APPROVALS

Region	Certifications	
Europe	Safety	IEC 60065-98
	Immunity	according to EN50103-4
	PAVA	EN54-16 certified 2012

Mechanical

Dimensions (H x W x D)	75 x 250 x 140mm
Weight	1.1kg (2.4lb)
Colour	RAL7016

Environmental

Operating temperature	-5°C to +55°C (+23°F to +131°F)
Storage temperature	-40°C to +70°C (-40°F to +158°F)
Relative humidity	15% to 90%
Air pressure	600 to 1100hPa

PARTS INCLUDED

Quantities	Components
1	PSS-XX
1	CAT-5 cable, 1.5m

TECHNICAL SPECIFICATIONS

Electrical

Power supply	Directly from DSP (IDA8/DIVA)
External supply (optional)	18-26VDC
Power Consumption	250mA

Performance

Frequency response	±3dB @ 200Hz to 8kHz
THD	< 1% @ 1kHz
Output level Max	6dBu
Noise gate threshold	-84dBu – 24dBu
Attack time	8ms
Release time	100ms
Output impedance	100ohm

Monitoring speaker

Impedance	4ohm
Output power	1W @ 1Khz
Frequency response	±3dB @ 200Hz to 12kHz

Headset

Connector	3.5mm mini-jack

Cable

Cable type	CAT-5 (FTP)
Length	100m

1. **Gooseneck microphone**	6. Middle function button
2. Power indicator	7. Right function button
3. Fault indicator	8. Monitor loudspeaker
4. EVAC indicator	9. Touch-screen
5. Left function button	

1. Jack input for external microphone	3. Telephone input
2. Jack output for external loudspeaker	4. CAT5

Manufacturer reserves the right to alter specifications without notice

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