

PSS AS / PSS G2 / PSS G2E / PPM-IT5

FULL COLOR TOUCH-SCREEN SECURE PAGING CONSOLE



PSS 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

Power, status and fault indicator

Comprehensive system status information from touch-screen

EN54-16 certified

PPM-IT5 MAIN CHARACTERISTICS

5" TFT full color paging console

High quality gooseneck microphone and built-in loudspeaker

Ethernet interface including PoE (Power Over Ethernet)

Automatic gain control on microphone input

Echo cancellation / Noise Reduction

Up to 300 pages x 12 keys

G.711 / G.722 / G.726 / G.727 audio encoding /decoding

Audio Stream using SHOUTcast / ICEcast (AAC 48K/44.1K) protocols

Half or full duplex conversation

Memory space for prerecorded messages and chime

3 key-buttons: User-definable via ATEIS Studio GUI

RJ 9 for telephone headset and 2 mini-jack plugs for headset (optional)

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 color-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.

The PSS AS and the PSS G2 are powered by 24V DC supply.

Note: There are two versions of the PSS paging console with identical hardware and functionality but different firmware for compatibility with different systems.

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

PSS G2: Used with DIVA8G2 system controllers

PSS G2E: Used with DIVA8G2 system controllers and can be powered by Ethernet.

The ATEIS range of security systems complies with current architectural demands requiring IP and/or fiber-optic networking to cater for any possible PAVA design, however complex. ATEIS responds to Public Address and Voice Alarm requirements as stated in EN54-16, ISO 7240-16 and BS5839/8, with specific attributes for compliance in large installations.



PPM-IT5: The 3 hardware keys can be freely assigned by software. The PPM-IT5 Media console is a versatile device that enhances paging over IP-networking.

All paging parameters needed for site operating can be programmed: zones assigned to different buttons, name of zones, group of zones, messages triggering or event control. A total of 3600 keys over 300 pages allow zones or groups of selection. All the settings shall be done via web pages with your web browser.

PSS AS / PSS G2 / PSS G2E / PPM-IT5

FULL COLOR TOUCH-SCREEN SECURE PAGING CONSOLE

CONTROLS AND INDICATORS

- 5" full color touch-screen, 800x480 pixels
- Three LED status indicators
- Three hardware function keys-buttons
- 280 mm gooseneck microphone

INTERCONNECTIONS

Rear

- RJ45 for CAT-5 connection
- 3.5mm mini-jack for headset
- Additional power supply connector for long-line support

CERTIFICATIONS AND APPROVALS

REGIONAL CERTIFICATIONS

Europe	Voice Alarm	EN54-16 certified 2012 CE – 0359 according to EN50130 – 4
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PARTS INCLUDED

Quantities	Components
PSS AS/G2/G2E	
1	PSS-XX
1	CAT-5 cable, 1,5 m
PPM-IT5	
1	PPM-IT5XX
1	CAT-5 cable, 1,5 m
1	AC-DC power adapter

TECHNICAL SPECIFICATIONS

Electrical

Mains power supply

Voltage	18~30 VDC PoE: 24 VDC)
Power consumption	250 mA

Performance

Frequency response	
PSS AS/G2/G2E	-3 dB @ 100 Hz to 18 kHz
PPM-IT5	-3 dB @ 200 Hz to 8 kHz
THD	< 1% @ 1 kHz
Output level Max	6 dBu
Noise gate threshold	-84 dBu ~ -24 dBu
Attack time	8 ms
Release time	100 ms
Output impedance	100 Ohm

Monitoring speaker

Impedance	4 Ohm
Output power	1 W @ 1 KHz
Frequency response	-3 dB @ 200 to 12 kHz

Headset

Connector	
PSS AS/G2/G2E	3.5 mm mini-jack
PPM-IT5	2 x 3.5 mini-jack

Type of Microphone

PSS AS/G2/G2E/PPM-IT5	Cardioids
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System Connection

Cable type	CAT-5 (FTP)
Length	100 m

Mechanical

Dimensions(H x W x D)	80 x 250 x 140 mm (3-1/5" x 9-4/5" x 5-1/2")
Weight	1.1 kg (2.4 lbs)
Color	RAL7016

Environmental

Operating temperature	-5°C ~ 55°C (23°F ~ 131°F)
Storage temperature	-40°C ~ 70°C (-40°F ~ 158°F)
Relative humidity	15% to 90%
Air pressure	600 to 1100 h Pa
Heat Dissipation	20 BTU/hr

