



PSS AS

Color Touch-Screen Secured
Paging Console



Consoles and Accessories

PSS AS: paging console, CD-touch : wall-mounted monitored touch -screen paging console, CD8 / CD16 : Wall-mounted Monitored Paging Console, PPM: Desktop Paging Consoles for Commercial Use, DialPad / Wireless Transceiver : Touch Dial device for IDA8 system, RAC5 / RAC8 : Wall-mounted Level Sources Remote Selector, URC - Programmable Remote Controller with Display, DNM - Digital Noise Sensing Microphone, URGP - Alarm Input Interface for IDA8 System, respond to Public Address and Voice Alarm requirements with specific attributes for compliance in small, medium and large installations.

PPM-IT5

Color Touch-Screen Secured
IP Paging Console



PPM

Desktop Paging Consoles



URC
 Programmable Remote
 Controller with Display



CD-Touch
 Wall-mounted Monitored
 Touch -screen Paging Console



CD 8 / CD16
 Wall-mounted Monitored
 Paging Console



URGP
 Alarm Input Interface



PSS AS / 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
- 14-pages x 12 keys
- 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 is 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

The ATEiS range of security systems complies with current architectural demands requiring IP and/or fiber-optic networking to cater for any possible PA/VA 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.

Consoles & Accessories

PSS AS / 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	
1	PSS AS
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	-3 dB @ 200 Hz to 8 kHz
PPM-IT5	-3 dB @ 100 Hz to 18 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 3.5 mm mini-jack

PPM-IT5 2 x 3.5 mini-jack

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



PPM AS

DESKTOP PAGING CONSOLES

PPM is a unidirectional addressable condenser paging microphone compatible with IDA8 systems. PPM uses RS485 protocol over a single CAT-5 cable connection to transport both audio and power from the paging console to the system units. The PPM has 8 zone buttons with a sleek gooseneck microphone, providing both durability and aesthetics in a slim, stable chassis.

MAIN CHARACTERISTICS

- Desktop enclosure
- Monitored CAT-5 link to controllers and slaves
- Supervision of microphone capsule (not on slave units)
- Automatic gain control on microphone input
- 8-zone selection keys (Expandable with additional keypads)
- All-call key
- Power indicator
- EVAC indicator
- Status and fault indicator
- Monitor speaker



PPM AS with keypads



PPM is a unidirectional addressable condenser paging microphone compatible for IDA8 systems. In accordance with BS5839, PPM is monitored by using RS485 protocol over a single CAT-5 cable connection to transport both audio and power from the paging console to the system units. The PPM has 8 zone buttons with a sleek gooseneck microphone, providing both durability and aesthetics in a slim, stable chassis.

The PPM enables live announcement to any pre-assigned zones (an optional SP version also allows for broadcasting the pre-recorded messages). The paging station has a gooseneck microphone, a push-to-talk button, zone selection keys and a monitor speaker. Buttons represent a single zone or a group of zones and be easily defined in the software using a simple matrix selection. All buttons can be programmed with drag & drop features from the software and each button can be programmed for PTT (Push To Talk) or latching functionality.

In addition to the zone LEDs, "Hold" and "Busy" LED signals make PPM an extremely user-friendly paging console. Thanks to the cardioids polar pick-up pattern, the unidirectional condenser microphone ensures the high-quality and directive signal pick-up with minimal interference from the surroundings.

The RS485 communication protocol allows daisy-chain wiring up to 300m on a single CAT-5 cable (FTP/STP) and makes each station easy to connect by using standard RJ45 connectors and the junction connection box (supplied with PPM). Also, the console can be powered locally with 24V DC supply.

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

PPM AS: Used with IDA8 system controllers and slaves, ATEIS Audio Processor, LAPG2T and UAPG2

Consoles & Accessories

PPM AS

DESKTOP PAGING CONSOLES

CONTROLS AND INDICATORS

- Three LED status indicators
- Activity indicators
- Zone selection buttons
- Gooseneck microphone
- Monitor speaker

INTERCONNECTIONS

Rear

- RJ45 for CAT-5 connection

PARTS INCLUDED

Quantities	Components
1	PPM AS
1	Junction box
1	CAT-5 cable, 10pin, 1.5 m

TECHNICAL SPECIFICATIONS

Electrical

Battery power supply

Voltage 18 - 26 VDC

Power consumption 120 mA

Performance

Frequency response -3 dB @ 200 to 8kHz

THD < 0.1% @ 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 Ohms

Monitoring speaker

Impedance 4 Ohm

Output power 1 W @ 1 KHz

Frequency response 3 dB @ 200 to 12 kHz

System Connection

Cable type CAT-5, 10 pin (FTP)

Length 100 m

Mechanical

Dimensions(H x W x D) 50 x 105 x 190 mm
(2" x 4-1/5" x 7-1/2")

(With gooseneck) 350 x 105 x 190 mm
(13-3/4" x 4-1/5" x 7-1/2")

Weight 0.7 kg (1.54 lbs)

Color RAL7035

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%

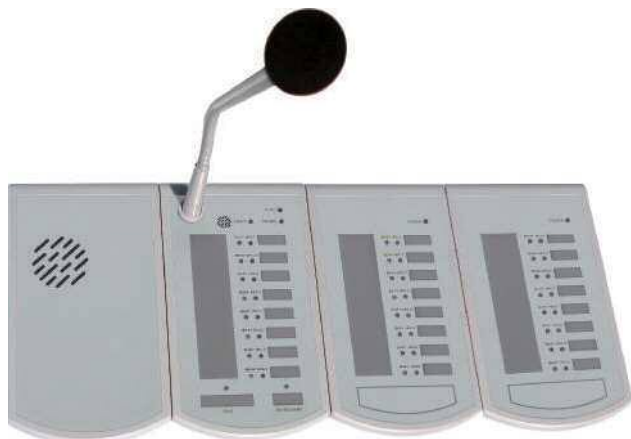
Air pressure 600 to 1100 h Pa

IP rating 30

Heat Dissipation 10 BTU/hr

PSC

DESKTOP PAGING CONSOLES



The PSC microphone console, an Unidirectional Condenser Addressable Microphone which is compatible with all system units. By using RS485 protocol with daisy-chain wiring can support up to 100M over a single CAT5 cable connection, PSC transmits both audio data and power supply to system units. PSC comprises of 8 zones / 8 buttons with sleek condenser gooseneck microphone, and spring metal protection, providing durability and excellent aesthetics as well as enhancing up to 256 zones expansion via the additional keypad. The control buttons represent a single zone or a group of zones and are easily defined via the GUI of the system units using a simple Matrix selection.

Besides the original speaker, PSC also supports an external speaker to monitor the audio source. The unit offers "Hold" and "Busy" LED signals in addition to the zone LED's, and these features allow an easy identification of Selection / Busy signals for users.

All buttons can be programmed with drag & drop features from the System unit GUI software and each button can be programmed for Push To Talk function or Latch functionality. The unidirectional condenser microphone warrants picking up the high quality of directive signal and less interference from the surroundings.

SPECIFICATIONS

CONTROLS AND INDICATORS

- Goose-neck Microphone
- Fault / EVAC / Power / Talk / Hold / All Call / Release / Busy Indicator
- All Call/Release/Talk Button
- Microphone Connector
- Event Select Key

INTERCONNECTIONS

Rear

- RS485 for CAT-5 connection

PARTS INCLUDED

Quantities	Components
1	PSC-XX
1	Junction Box
1	CAT-5 cable, 10pin, 1.5 m

TECHNICAL SPECIFICATIONS

Electrical

Mains power supply

Voltage	18~30 VDC PoE: 44~57 VDC)
Power consumption	150 mA

Performance

Frequency response	-3 dB @ 200 Hz to 20 kHz
THD	< 1% @ 1 kHz
Output level Max	6 dBu
Noise gate threshold	-84 dBu ~ -24 dBu
Release time	100 ms
Output impedance	100 Ohm

System connection

Cable type / Length	CAT-5,10 pin (FTP) / 100 m (max.)
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Monitoring speaker

Impedance	8 Ohm
Output power	1 W @ 1 KHz
Frequency response	-3 dB @ 200 to 20 kHz

Mechanical

Dimensions(H x W x D)	116 x 220 x 483 mm (4-3/5" x 8-3/5" x 19")
Weight	0.37 kg (0.8 lbs)
Color	RAL7035

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
IP Rating	30
Heat Dissipation	12 BTU/hr

CD-Touch

WALL-MOUNTED MONITORED TOUCH-SCREEN PAGING CONSOLE



MAIN CHARACTERISTICS

- Wall-mounted metal enclosure with lockable cover
- Secured CAT-5 link to controllers and slaves
- Monitoring of microphone capsule
- Monitoring loudspeaker
- 5" full colour touch-screen, 800x480 pixels
- 14 pages of 12 buttons
- Power, Fault and Evac indicators
- Comprehensive system status information from touch-screen
- EN54-16 certified

The CD-TOUCH paging console is a paging interface that allows call-paging, message broadcasting and DSP matrix parameter control. It contains a 5" full-color backlit touch-screen for simple, user-friendly operation. The screen offers up to 168 buttons across 14 pages which can be freely assigned in the software to any zone or group of zones. Each key contains a color-changing field indicating if the zone is occupied by a different process. In addition, the CD-TOUCH has 3 hardware keys that can be assigned within the system control software.

All paging parameters for site operation can be pre-programmed and stored within the console, including message triggering, level adjustment and pre-call chime setup. Zone assignment, naming and grouping can also be pre-configured.

The CD-Touch-XX units connect to a monitored bus on CAT-5 FTP/STP. This connection also provides Power Over Ethernet (POE). In case POE is not available, or if the cable run is greater than 100m, an additional power connection is provided with 24 VDC supply.

The ATEIS range of security systems complies with current architectural demands requiring IP and/or fiber-optic networking to allow for even the most complex of system designs. 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.

CD-TOUCH is available in two different versions with identical hardware and functionality but different firmware for compatibility with different systems.

CD-TOUCH-AS: For use with IDA8 and ECS system controllers and slaves

SPECIFICATIONS

CONTROLS AND INDICATORS

- 5" full color touch-screen, 800x480 pixels
- Three LED status indicators
- Three hardware function keys-buttons
- Fireman's fist microphone with PTT switch

INTERCONNECTIONS

Rear

- RJ45 for CAT-5 connection
- Additional power supply connector
(for 24 V DC external supply in PoE not available)

PARTS INCLUDED

Quantities	Components
1	CD-Touch-XX
1	CAT-5 cable, 1m

TECHNICAL SPECIFICATIONS

Electrical

Mains power supply

Voltage	18~26 VDC
Power consumption	250 mA

Performance

Frequency response	-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 20 kHz

System connection

Cable type / Length	CAT-5 (FTP) / 100 m (max.)
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Mechanical

Dimensions(H x W x D)	397 x 206 x 127 mm (15-3/5" x 8-1/10" x 5")
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Weight	4,4 kg (9,7 lbs)
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Color	RAL7016
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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

CD8 / CD16

WALL-MOUNTED MONITORED PAGING CONSOLE

EN54
16



CD8

EN54
16



CD16

MAIN CHARACTERISTICS

- Wall-mounted enclosure
- Secured CAT-5 link to controllers and slaves
- Monitoring of microphone capsule
- 8/16 zone selection buttons
- All-call button
- LED test button
- Power indicator
- EVAC indicator
- Status and fault indicator
- EN54-16 certified

The CD8 / CD16 paging console is a remote paging interface with Access Level 2 protection in compliance with EN54-16. Compatible with IDA8 PAVA systems, the unit serves up to eight zones individually with an All-Call option. Zone selection buttons and Fireman microphone are encased in a heavy-duty IP30 wall-mounted metal box with a lockable door.

The CD8 / CD16 console use the same architecture as the PPM paging console, a junction box embedded into the enclosure multiple units by daisy-chaining wiring (only the first console in the chain is under monitored). The maximum distance between units is up to 100M. The zone buttons of CD8 / CD16 represent a single zone or group of zones and can be easily programmed through the system GUI using "drag and drop" functionality. The Push-To-Talk button can be programmed for PTT or latching operation. The status indicators including Power, EVAC and Fault which show the status of all the zone are also provided with.

The CD8 / CD16 is powered over RS485 via CAT-5 (FTP/STP), however if power is not available over RS485 it can be locally powered by using a 24V DC supply.

Note: There are two versions of the CD8 / CD16 paging console with identical hardware and functionality but different firmware for compatibility with different systems.

CD8-AS / CD16-AS: Used with IDA8 system and ECS system controllers and slaves (one CD8 / CD16 connects to per PDC port with a maximum up to 10 units by daisy-chain wiring and external power supply should be used for every third unit).

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.

Consoles & Accessories

CD8 / CD16

WALL-MOUNTED MONITORED PAGING CONSOLE

CONTROLS AND INDICATORS

- Three LED status indicators
- Activity indicators
- Zone selection buttons
- LED test button
- Fireman microphone with Push To Talk

INTERCONNECTIONS

Rear

- RJ45 for CAT-5 connection

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
1	CD8 / CD16
1	CAT-5 cable, 10pin, 1.5 m

TECHNICAL SPECIFICATIONS

Electrical

Power supply

Interface RS-485 (RJ45/CAT-5)

DC/battery power requirements

Voltage 18 - 26 VDC

Power consumption

CD8 120 mA

CD16 150 mA

Performance

Frequency response -3 dB @ 100 Hz to 18 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

System Connection

Cable type CAT-5, 10pin (FTP)

Length 100 m

Mechanical

Dimensions(H x W x D)

CD8 190 x 320 x 130 mm
(7-1/2" x 12-3/5" x 5-1/10")

CD16 130 x 350 x 130 mm
(5-1/10" x 13-3/4" x 5-1/10")

Weight

CD8 3.6 kg (7.9 lbs)

CD16 4.7 kg (10.4 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

IP rating 30

Heat Dissipation

CD8 10 BTU/hr

CD16 12 BTU/hr

