



PSS

COLOR TOUCH-SCREEN SECURE PAGING CONSOLE



MAIN CHARACTERISTICS

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

CONTROLS AND INDICATORS

Front

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

INTERCONNECTIONS

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

The PSS paging console is a man-machine interface which allows call-paging, message broadcasting and DSP matrix parameter control over a secure (monitored) bus. The backlit full-colour touch screen is designed for simple, user-friendly operation and offers a total of 168 software keys across 12 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 centre as in an industrial high-security environment. All paging parameters needed for site operation can be pre-programmed; zones can be assigned to different buttons, named and grouped, message triggering set up and level adjustments and pre-call chime set. In addition, fader control, button control and event control can also be pre-configured. The message and the chime are stored in the PSS console.

The PSS is powered over Ethernet via CAT-5 (FTP/STP), however if PoE is not available it can be locally powered using a 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 DIVA8 system controllers

The ATEIS range of security systems complies with current architectural demands requiring IP and/or fibreoptic 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.

PSS

COLOUR TOUCH-SCREEN SECURE PAGING CONSOLE

CERTIFICATIONS AND APPROVALS

| REGION | CERTIFICATIONS | |
|--------|----------------|------------------------|
| Europe | Safety | IEC 60065-98 |
| | Immunity | according to EN50103-4 |
| | PAVA | EN54-16 certified 2012 |

PARTS INCLUDED

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

TECHNICAL SPECIFICATIONS

Electrical

Battery 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 12 kHz |

Headset

| | |
|-----------|------------------|
| Connector | 3.5 mm mini-jack |
|-----------|------------------|

Cable

| | |
|------------|-------------|
| Cable type | CAT-5 (FTP) |
| Length | 100 m |

Mechanical

| | |
|------------------------|-------------------|
| Dimensions (H x W x D) | 75 x 250 x 140 mm |
| Weight | 1.1 kg (2.4 lb) |
| 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 1100 h Pa |



0359-CDP-0177
0359-CDP-0140



INSTALLATION NOTES

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



INSTALLATION NOTES

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