



Speaker Pod and Screen Mounted Microphone System

STS-K072-L / STS-K072-WL

This entry level window intercom system provides high quality sound across partitions and safety screens. It features staff-side speaker and microphone pods which can be either free standing or surface mounted. Our open duplex amplifier and customer-side glass mounted microphone are included.

It is an affordable system suitable for a wide variety of environments.

Please note: A hearing loop aerial (IL-AE99) is not included in the STS-K072-WL (without loop) or the STS-K072-L (loop compatible) kits. This optional accessory is only compatible with the STS-K072-L (loop compatible) model and will need to be purchased separately, in addition to the intercom kit.

Components

- Window Intercom Amplifier [STS-A31H]
- Screen Mounted Microphone with Bent Stem [STS-M14-BENT-B]
- Staff Loudspeaker Pod [STS-SU2]
- Speaker Pod [STS-S70]
- PS-55 Power Supply [PS-55-01]

Optional Extras

- Hearing Loop Aerial [IL-AE99]
- Supaloop Aerial [IL-AE97-00]

Physical Data (boxed)

| | |
|------------|---|
| Dimensions | Height – 310mm (12.2") Width – 310mm (12.2") Depth – 160mm (6.2") |
|------------|---|

Applications

For use where one to one communication takes place through a safety screen:

- Banks
- Ticket Offices
- Post Offices
- Embassies and Consulates

Talk to us now:
 +44 (0) 1732 223900 (UK & ROW)
 +1 616 392 3400 (US & Canada)
www.contacta.co.uk

Physical and Technical Data (Individual Parts)

| Component | Physical Data | Technical Data | | |
|--|--|---------------------------|---|-----------------------|
| Window Intercom Amplifier | Dimensions: Height - 116mm (4.57") Width - 115mm (4.53") Depth - 40mm (1.57") Weight: 100g (0.22lbs) Construction: ABS Plastic Finish: Matt Black Fine Texture | Supply Voltage | 12-14 VDC | |
| | | Quiescent Current | 100mA typical | |
| | | Operating Current | 2A typical on speech peaks | |
| | | Power Switch | Push on - push off (tact switch under membrane) | |
| | | Microphones | Electret, supply 5V via 2.2K load resistor | |
| | | Speaker Output Power | RMS: 2.5W / 8 Ω 4.4W / 4 Ω | |
| | | Loop Drive Compliance | Constant current, bounded by 4V RMS & 2A RMS | |
| | | Total Harmonic Distortion | <5% (loop and speakers) | |
| PS-55 Power Supply | Dimensions: Height - 93mm (3.66") Width - 49mm (1.93") Depth - 36mm (1.42") Cable length: 1.8m (70.87") Weight: 180g (0.39lbs) Construction: ABS Case Finish: Black | Input | 100-240V 50-60Hz 1A max | |
| | | Output | 14V 2.14A 30W max | |
| Staff Loudspeaker Pod | Dimensions: Diameter - 110mm (4.3") Height - 38mm (1.50") Construction: ABS Plastic Finish: Black RAL 9005 | Speaker | RMS | 5W |
| | | | Impedance | 4 Ω |
| | | | Output | SPL 1W @ 1M 85dB |
| | | | Frequency Response | 150Hz - 10300Hz |
| | | Microphone | Directional Response | Cardioid |
| | | | Frequency Response | 150Hz - 10500Hz |
| | | | Sensitivity | 49.5dB+ 2dB @ 1kHz |
| | | | Impedance | 1.6K Ohms+ 3-% @ 1kHz |
| Speaker Pod | Dimensions: Diameter - 110mm (4.3") Height - 38mm (1.50") Construction: ABS Plastic Finish: Black RAL 9005 | RMS | 5W | |
| | | Impedance | 4 Ω | |
| | | Output | SPL 1W @ 1M 85dB | |
| | | Frequency Response | 150Hz - 10300Hz | |
| Screen Mounted Microphone with Bent Stem | Dimensions: Height - 330mm (12.9") Width - 200mm (7.87") Depth - 25mm (0.98") Weight - 105g (0.23lbs) Construction: Mild Steel Finish: Black | Directional Response | Cardioid | |
| | | Frequency Response | 70Hz - 10300Hz | |
| | | Sensitivity | -47 \pm 3dB @ 1kHz | |
| | | Impedance | 680 Ohms \pm 10% @ 1kHz | |

Standards

- Induction loop performance compliant with BS EN60118-4 (when correctly installed)

Legislation

| Directive Number | Directive Title |
|------------------|--|
| 2014/35/EU | Low Voltage Directive (LED) |
| 2012/19-EU | Waste Electrical & Electronic Equipment (WEEE) Directive |
| (EU) 2015/863 | RoHS III Directive |