



Speaker and Microphone Pod System

STS-K071

This entry level speech transfer system provides high quality sound across partitions and safety screens, featuring speaker and microphone pods which can be either free standing or surface mounted. Our open duplex amplifier and mouse microphone are included.

It is an affordable system suitable for environments with low ambient noise.

Components

- Speech Transfer Amplifier [STS-A31H]
- Mouse Microphone [STS-M70-1]
- 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]
- Larger base available upon request

Physical Data (boxed)

| | |
|--------------|---|
| Dimensions | Height – 310mm (12.2") Width – 310mm (12.2") Depth – 160mm (6.2") |
| Construction | ABS Plastic |
| Finish | Black RAL 9005 |

Applications

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

- Nursing/Care Homes
- Hospitals/Health Clinics/Surgeries
- Reception Counters
- Banks
- Retail Stores

Standards

- CE, ROHS and WEEE compliant
- EN 55032:2015 compliant
- EN 55103-2:2009 compliant

Australian Distributer:

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Physical and Technical Data (Individual Parts)

| Component | Physical Data | Technical Data | | |
|---------------------------|---|---------------------------|---|-----------------------|
| Speech Transfer 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: Height - 110mm (4.3") Diameter - 38mm (1.50") Weight: 105g (0.23lbs) Finish: Black RAL 9005 | Speaker | RMS | 5W |
| | | | Impedance | 4Ω |
| | | | 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 | 4Ω | |
| | | Output | SPL 1W @ 1M 85dB | |
| | | Frequency Response | 150Hz - 10300Hz | |
| Mouse Microphone | Dimensions: Height - 12mm (0.49") Width - 24mm (0.97") Length - 25mm (0.98") Cable Length - 2m Weight - 26g (0.57lbs) Construction: ABS Plastic Finish: Black Textured Powder Coated | Directional Response | Omni-Directional | |
| | | Frequency Response | 70Hz - 20kHz | |
| | | Sensitivity | -46dBv @ 1kHz | |
| | | Distortion | Typically less than 1% | |