



Dual Speaker Pod System

STS-K070

This entry level speech transfer system provides high quality sound across partitions and safety screens, featuring dual speaker 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]
- 2 x Mouse Microphone [STS-M70-1]
- 2 x 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

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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
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%