

STS-K073

Dual Loudspeaker Pod System



The STS-K073 Dual Loudspeaker Pod System is an entry level kit that provides high quality sound across partitions and safety glass. The kit features speaker and microphone pods which can either be free standing or surface mounted. Our open duplex amplifier is included.

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

Components:

- › STS-A31H, Speech Transfer Amplifier
- › STS-SU2, Staff Loudspeaker Pod x2
- › PS-55, Power Supply

Optional Accessories:

- › IL-AE99, Under the Counter Hearing Loop Aerial
- › IL-AE97, Supaloop Aerial

Physical Data (boxed)

Dimensions	Height – 12.20" Width – 12.20" Depth – 6.20"
Construction	ABS Plastic
Finish Options	Black RAL 9005



Applications

Suitable for environments such as:

- › Nursing or Retirement Homes
- › Hospitals
- › 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)

Components	Physical Data	Technical Data	
STS-A31H Hearing Loop and Duplex Audio Communication Amplifier	Dimensions: Height - 4.58" Width - 4.50" Depth - 1.58" Weight: 0.32lbs Construction: ABS Plastic Housing 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 & 3A RMS
		Total Harmonic Distortion	<5% (loop and speakers)
PS-55 Power Supply	Dimensions: Height - 1.42" Width - 1.93" Depth - 3.66"	Input	100-240V 50-60Hz 1A max
		Output	14V 2.14A 30W max
STS-SU2 x2 Staff Loudspeaker Pod	Dimensions: Diameter - 4.30" Speaker Pod Height - 1.50"* *without inclination bracket 2 Inclination Bracket sizes available 30 or 50 degrees. 30 degree bracket comes standard with kit.		
		RMS	5W
		Impedance	4 Ω
		Output	SPL 1W @ 1M 85dB
		Frequency Response	150Hz - 10300Hz
		Directional Response	Cardioid
		Frequency Response	150Hz - 10500Hz
		Sensitivity	49.5dB+ 2dB @ 1kHz
		Impedance	1.6K Ohms+ 3-% @ 1kHz



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