



Dual Loudspeaker Pod System

STS-K073-L / STS-K073-WL

This entry level window intercom 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 is included.

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

Please note: A hearing loop aerial (IL-AE99) is not included in the STS-K073-WL (without loop) or the STS-K073-L (loop compatible) kits. This optional accessory is only compatible with the STS-K073-L (loop compatible) model and will need to be purchased separately, in addition to the intercom kit.

Components

- Window Intercom Amplifier [STS-A31H]
- 2 x Loudspeaker Pods [STS-SU2]
- 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")
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Applications

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

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

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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	
Loudspeaker Pods	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

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