



## Dual Surface Mounted System

STS-K002L-G-01 /  
STS-K002L-B-01

This speech transfer system provides high quality sound across partitions and safety screens. It provides dual speaker and microphone units for both customers and staff, our open duplex amplifier, and a hearing loop.

It is suitable for environments with low ambient noise.

### Components

- Speech Transfer Amplifier [STS-A31H]
- Dual Surface Mounted Speakers [STS-S60-G/B]
- Dual Surface Mounted Microphones [STS-M54-G/B]
- PS-55 Power Supply [PS-55-01]
- Counter Hearing Loop Aerial [IL-AE99]

### Physical Data (boxed)

Dimensions	Height – 130mm (5.11") Width – 340mm (13.38") Depth – 240mm (9.44")
Construction	Mild Steel
	ABS Plastic
Finish	Grey Powder Coated Leatherette
	Black Textured Powder Coated

### Applications

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

- Nursing/Care Homes
- Hospitals/Health Clinics/Surgeries
- Supermarkets
- Banks
- Ticket Kiosks
- Airports

### Standards

- BS EN 60118-4 in correct installations
- CE, ROHS and WEEE compliant
- EN 55032:2015 compliant
- EN 55103-2:2009 compliant

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

## 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	
Surface Mounted Speaker and Microphones	Dimensions: Height - 110mm (4.33") Width - 60mm (2.36") Depth - 75mm (2.95")  Weight: 550g (1.21lbs)  Construction: Mild Steel  Finish: Grey Powder Coated Leatherette Black Textured Powder Coated	Speaker	RMS	5W
			Impedance	4Ω
			Output	SPL 1W @ 1M 85dB
			Frequency Response	150Hz - 10300Hz
		Microphone	Directional Response	Omni-Directional
			Frequency Response	100Hz - 5000Hz
			Sensitivity	-42.5 ± 2.0dB @ 1KHz (0dB=1V/pa)
			Impedance	2K Ohms +/- @ 1KHz
Counter Hearing Loop Aerial	Dimensions: To be moulded on site to required size/ shape by installers.  Weight: 100g (0.22lbs)  Construction: Copper Wire with Black Protective Covering  Finish: Black			