



## Surface Mounted Kit

STS-K002

Our speech transfer systems provide assistance for clear communication where normal speech is impaired by use of glass, a security screen or other similar barriers.

There is also a hearing loop facility included with this system which provides additional assistance for hearing aid wearers.

This kit includes our free-standing speaker and microphone modules.

### Components

- Duplex amplifier
- Surface mounted speaker and microphone units
- Free-standing staff microphone
- Hearing loop aerial

### Physical Data (boxed)

Dimensions	Height - 120mm (4.72") Width - 445mm (17.52") Depth - 370mm (14.57")
Weight	3.15kg (6.94lbs)
Construction	Metalwork - Mild Steel Driver - ABS Plastic
Finish Options	Powder Coated <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: #808080; margin-right: 5px;"></div> <span>Grey BS 00 A0 5 Leatherette</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 15px; height: 15px; background-color: #000000; margin-right: 5px;"></div> <span>Black BM309E Textured</span> </div> <p>Please state colour choice on ordering.</p>

### Applications

For use in any situation where one to one communication takes place at a counter, booth or desk, such as in:

- Banks
- Post offices
- Theatres
- Information Centres
- Airports

### Standards

- CE, ROHS and WEEE compliant
- BS EN 60118-4, in correct installations
- Designed to meet IP50
- Designed to meet IP54 (customer side only)



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## Physical and Technical Data (Individual Parts)

Component	Physical Data	Technical Data
Amplifier	Dimensions: Height - 116mm (4.57") Width - 115mm (4.53") Depth - 40mm (1.57")  Weight: 100g (0.22lbs)  Construction: ABS Plastic Construction 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)
Staff Unit	Dimensions: Height - 70mm (2.76") Width - 100mm (3.94") Depth - 160mm (6.30")  Weight: 0.85kg (1.87lbs)  Construction: Mild Steel  Finish: Powdercoated Grey Leatherette or Matt Black	RMS: 5W
		Impedance: 4 Ω
		Output: SPL 1W @ 1M 85dB
		Frequency response: 150Hz - 10300Hz
Surface Mounted Speaker and Microphone	Dimensions: Height - 75mm (2.95") Width - 60mm (2.36") Depth - 110mm (4.33")  Weight: 0.55kg (1.21lbs)  Construction: Mild Steel  Finish: Powdercoated to Grey BS 00 A 05 Leatherette	RMS: 5W
		Impedance: 2 x 4 Ω
		Output: SPL 1W @ 1M 85dB
		Frequency response: 150Hz - 11000Hz