



Flush Mounted Kit

STS-K003

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 flush mounted speaker and microphone modules for a sleek appearance.

Components

- Duplex amplifier
- Flush mounted speaker and microphone modules
- Free standing staff microphone
- Hearing loop aerial

Physical Data (boxed)

Dimensions	Height - 120mm (4.72") Width - 445mm (17.52") Depth - 370mm (14.57")
Weight	2.70kg (5.95lbs)
Construction	Metalwork - Mild Steel Driver - ABS Plastic
Finish Options	Powder Coated  Grey Leatherette BS 00 A0 5  Black Textured BM309E Please state colour choice on ordering.

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)

Components	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
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	Total harmonic distortion: <5% (loop and speakers)
		RMS: 5W
		Impedance: 4 Ω
		Output: SPL 1W @ 1M 85dB
Flush Speaker Unit	Dimensions: Height - 50mm (1.97") Width - 65mm (2.56") Depth - 120mm (4.72") Weight: 0.18kg (0.40lbs) Construction: Mild Steel, Zintec - Case Finish: Powdercoated to Grey BS 00 A 05 Leatherette	Frequency response: 150Hz - 10300Hz
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Flush Microphone Unit	Dimensions: Height - 50mm (1.97") Width - 65mm (2.56") Depth - 120mm (4.72") Weight: 0.45kg (0.99lbs) Construction: Mild Steel, Zintec - Case Finish: Powdercoated to Grey BS 00 A 05 Leatherette	RMS: 5W
		Impedance: 4 Ω
		Output: SPL 1W @ 1M 85dB
		Frequency response: 150Hz - 10300Hz