



Speech System with Bent Screen-Mounted Microphone

STS-K058

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.

This kit features a bent vandal-proof glass mounted microphone for the customer side, along with a free standing microphone unit.

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

Components

- Amplifier (STS-A31)
- Bent vandal-proof customer microphone (STS-M14-BENT)
- Free-standing staff microphone (STS-SU1-G)
- Free-standing customer speaker unit (STS-S60)
- Hearing loop aerial (IL-AE99)

Physical Data (boxed)

Dimensions	Height - 300mm (11.82) Width - 310mm (12.2") Depth - 160mm (6.22)
Weight	2.8kg (6.17lbs)
Construction	Various
Finish	Various

Applications

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

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

Standards

- CE, ROHS and WEEE compliant
- Complies with IEC60118.4 with correct installation

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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
		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: Powder Coated Grey Leatherette or Matt Black	RMS: 5W
		Impedance: 4 Ω
		Output: SPL 1W @ 1M 85dB
		Frequency response: 150Hz - 10300Hz