



Dual Overhead Speaker Kit

STS-K015-01

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 bridge bar with a glass mounted microphone for the customer side, a round based microphone for your staff side, along with two sealed overhead speaker modules.

Components

- Customer side bridge bar (PN0629-00-BI)
- Sealed dual speaker module (RBS-DLSPK-MOD-2) (x2)
- Amplifier (STS-A31)
- Induction loop aerial (IL-AE99)
- Inline power supply (PS-55-00)
- Round base staff unit (STAFFMIC-01-NWB)
- Ancillary parts (O&M manual, VHB cleaning wipe and power supply mounting bracket)

Physical Data (boxed)

Dimensions	Height – 130mm (5.11") Width – 380mm (14.96") Depth – 320mm (12.59")
Weight	4.08kg (8.99lbs)
Construction	Various
Finish Options	Various

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

- BS EN 60118-4 AFILS (Audio Frequency Induction Loop Systems)
- (For further information on standards please see individual component specifications)



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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)
Round Based Staff Unit	Dimensions: Diameter (base) - 69mm (2.71") Height - 270mm (10.62") Width - 205mm (8.07") Weight: 0.95kg (2.09lbs) Construction: Mild Steel Finish: Powder Coated RAL9006	RMS 5W
		Impedance 1.6 KΩ +3-% @ 1KHz
		Output SPL 1W @ 1M 85dB
		Frequency Response 50-20Hz
Overhead Speaker	Dimensions: Diameter - 72.5mm (2.85") Width - 102mm (4.02") Depth - 145mm (5.71") Weight: 0.55kg (1.21lb) Construction: Mild Steel Finish: Powder Coated RAL 9006 Semi Gloss	RMS 5W
		Impedance 4 Ω
		Output SPL 1W @ 1m 85dB
		Frequency Response 150Hz - 10300Hz
Glass Mounted Microphone	Dimensions: Diameter - 30mm (1.2") Width - 500mm (19.68") Depth - 260mm (10.23") Weight: 0.5kg (1.1lb) Construction: Aluminium Finish: Silver Anodised	Directional Response Uni Directional
		Frequency Response 100Hz - 5KHz minimum
		Distortion Typically less than 1%
		Electret Power Provided by Contacta amplifier or induction loop driver