



Slimline Bridge Bar System

STS-K060

This speech transfer system features a slimline stainless steel bridge bar unit with a screen-mounted microphone. This system also includes our open duplex amplifier, a hearing loop, and a free-standing staff microphone and speaker unit.

It is a robust option ideal for a variety of environments, whatever the ambient noise conditions.

Components

- Speech Transfer Amplifier [STS-A31H]
- Slimline Bridge Bar Unit in Stainless Steel [STS-B90-SS]
- Staff Loudspeaker Unit in Brushed Stainless Steel [STS-SU1-SS]
- PS-55 Power Supply [PS-55-01]
- Counter Hearing Loop Aerial [IL-AE99]

Physical Data (boxed)

Dimensions	Height – 130mm (5.11") Width – 380mm (14.96") Depth – 320mm (12.59")
Weight	3.72kg (8.20lbs)
Construction	Stainless Steel
	Mild Steel
	ABS Plastic
Finish	Grey Powder Coated Leatherette
	Black Textured Powder Coated

Applications

For use where one to one communication takes place at a counter or booth with a security screen:

- Banks
- Post Offices
- Ticket Kiosks
- Information Centres
- Airports

Standards

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

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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	
Staff Loudspeaker Unit	Dimensions: Height - 370mm (6.30") Width - 95mm (2.76") Depth - 150mm (3.94") Weight: 820g (1.80lbs) Construction: Stainless 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	Cardioid
			Frequency Response	150Hz - 10500Hz
			Sensitivity	49.5dB+ 2dB @ 1kHz
			Impedance	1.6K Ohms+ 3-% @ 1kHz
Slimline Bridge Bar Unit in Stainless Steel	Dimensions: Width - 581mm (22.8") Height - 431mm (16.9") Depth - 60mm (2.36") Weight: 1.44kg (3.17lbs) Construction: Mild Steel Finish: Brushed Stainless Steel	Speaker	RMS	5W
			Impedance	4Ω
			Output	SPL 1W @ 1M 85dB
			Frequency Response	150Hz - 11000Hz
		Microphone	Directional Response	Cardioid
			Frequency Response	70Hz - 10300Hz
			Sensitivity	-47 ±3dB @ 1kHz
			Impedance	680 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			