

Surface Mounted Speakers & Anti-Vandal Mic System

This speech transfer system features a mounted microphone for the customer side, a microphone with a round base for the staff side, and two surface mounted overhead speaker modules. It also includes our open duplex amplifier and a hearing loop.

It is a low-space solution ideal for a variety of environments, whatever the ambient noise conditions.

Components

- Speech Transfer Amplifier [STS-A31H]
- Anti-Vandal Microphone [STS-M14-300]
- Flexible Gooseneck Microphone [STAFFMIC-01-NWB]
- Overhead Speaker x2 [STS-S23-G]
- Hearing Loop Sign with Built-in Aerial [IL-AE97-00]
- PS-55 Power Supply [PS-55-01]

Physical Data (boxed)

Dimensions	Height – 130mm (5.11") Width – 380mm (14.96") Depth – 320mm (12.59")		
Weight	4.08kg (8.99lbs)		
Construction	Stainless Steel		
	Mild Steel		
	ABS Plastic		
Finish	Grey Powder Coated Leatherette		
	RAL 9006 Powder Coated Semi Gloss		
	Black Textured Powder Coated		



STS-K062

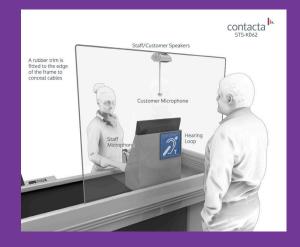
Applications

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
- Supermarkets/Checkouts
- Pharmacies

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")	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)
	Weight: 100g (0.22lbs)	Microphones	Electret, supply 5V via 2.2K load resistor
	Construction: ABS Plastic	Speaker Output Power	RMS: 2.5W / 8 Ω 4.4W / 4 Ω
	Finish: Matt Black Fine Texture	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")	Input	100-240V 50-60Hz 1A max
	Weight: 180g (0.39lbs) Construction: ABS Case Finish: Black	Output	14V 2.14A 30W max
Flexible Gooseneck Microphone	Dimensions; Diameter (base) – 70mm (2.75") Height – 340mm (13.38")	Directional Response	Cardioid
		Frequency Response	150Hz - 10500Hz
	Weight: 950g (2.09lbs) Construction: Mild Steel Finish: RAL 9006 Powder Coated	Sensitivity	49.5dB+ 2dB @ 1kHz (0dB=1V/pa)
		Impedance	1.6K Ohms+ 3-% @ 1kHz
Anti-Vandal Microphone	Diameter: 30mm (1.2") Stem: 300mm (11.8") Weight: 0.5kg (1.1lbs) Construction: Aluminium Finish: Silver Anodised	Directional Response	Cardioid
		Frequency Response	70Hz - 10300Hz
		Sensitivity	-47 ±3dB @ 1kHz
		Impedance	680 Ohms =/- @ 1KHz
Surface Mounted Overhead Speaker	Dimensions: Height – 83mm (3.26") Width – 102mm (4.01") Depth – 90mm (3.54") Weight: 510g (1.12lbs) Construction: Mild Steel Finish: Powder Coated RAL9006 Semi Gloss	RMS	5W
		Impedance	4Ω
		Output	SPL 1W @ 1m 85dB
		Frequency Response	150Hz - 10300Hz
Hearing Loop Sign with Built-In Aerial	Dimensions: Height - 205mm (8.07") Width - 205mm (8.07") Depth - 5.4mm (0.21") Connection cable length - 2m (78.74") Weight: 200g (0.44lbs)		