

STS-K064

Surface Mounted Speakers & Anti-Vandal Mic System



CONTACTA WINDOW INTERCOM SYSTEMS

This Window Intercom System features a screen mounted microphone and overhead speaker for the customer side, along with a combined microphone and loudspeaker unit for the staff side. It also includes our open duplex amplifier, signage, and a hearing loop.

Components:

- › Speech Transfer Amplifier [STS-A31H]
- › Anti-Vandal Microphone [STS-M14-300]
- › Staff Loudspeaker Unit [STS-SU1]
- › Surface Mounted Overhead Speaker [STS-S23]
- › Counter Hearing Loop Aerial [IL-AE99]
- › PS-55 Power Supply [PS-55]

Physical Data (boxed)

Dimensions	Height – 5.11" Width – 14.96" Depth – 12.59"
Construction	Stainless Steel
	Mild Steel
	ABS Plastic
Finish	Grey Powder Coated Leatherette
	RAL 9006 Powder Coated Semi Gloss
	Black Textured Powder Coated



Applications

For use where one to one communication takes place such as:

- › Banks
- › Post offices
- › Information Centers
- › 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)

Components	Physical Data	Technical Data	
STS-A31H Window Intercom Amplifier	Dimensions: Height - 1.57" Width - 4.53" Depth - 4.57" Weight: 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 of base - 3.66" Width - 1.93" Depth - 1.42" Cable Length - 70.87" Weight: 0.39 lbs Construction: ABS Case Finish: Black	Input	100-240V 50-60Hz 1A max
		Output	14V 2.14A 30W max
STS-SU1 Staff Loudspeaker Unit	Dimensions: Height - 3.80" Width - 3.80" Depth - 6.02" Weight - 1.79" Construction: Mild Steel Finish: Powder Coated: Grey or Black	Directional Response	Cardiod
		Frequency Response	150Hz - 10300Hz
		Sensitivity	49.5dB+ 2dB @ 1kHz (0dB=1V/pa)
		Impedance	1.6K Ohms+ 3-% @ 1kHz
STS-M300 Anti-Vandal Microphone	Dimensions: Diameter - 1.2" Stem - 11.8" Weight: 1.1 lbs Construction: Aluminum Finish: Silver Anodised	Directional Response	Cardiod
		Frequency Response	70Hz - 10300Hz
		Sensitivity	-47 +/- 3dB @ 1kHz
		Impedance	680 Ohms +/- @ 1KHz
STS-S23 Surface Mounted Overhead Speaker	Dimensions: Height - 2.99" Width - 3.26" Depth - 4.33" Weight: 1.15 lbs Construction: Mild Steel Finish: Powder Coated RAL9006 Semi Gloss	RMS	5W
		Impedance	4 Ω
		Output	SPL 1W @ 1m 85dB
		Frequency Response	159Hz - 10300Hz
IL-AE97 Hearing Loop Sign with Built-In Aerial	Dimensions: Height - 8.07" Width - 8.07" Depth - 0.21" Connection Cable Length - 78.74" Weight: 0.44 lbs		