

STS-K064

Window Intercom System and Hearing Loop



CONTACTA WINDOW INTERCOM SYSTEMS

The STS-K064 Window Intercom System features a screen mounted microphone and overhead speaker for the customer side and our all-in-one microphone and speaker unit for the staff side. The system provides assistance for clear communication where normal speech is impaired by use of glass, security screen or similar barriers.

Components:

- › STS-A31H, Window Intercom System Amplifier
- › STS-SU1-G, Staff Unit Speaker and Microphone (Grey)
- › STS-M14-300, Anti Vandal Microphone with Stem
- › STS-S23, Overhead Speaker
- › IL-AE99, Under the Counter Hearing Loop Aerial
- › PS-55, Power Supply

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 - STS-SU1
	RAL 9006 Powder Coated Semi Gloss - STS-S23
	Silver Anodised - STS-M14-300



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: 0.32lbs 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 & 3A RMS
Total Harmonic Distortion	<5% (loop and speakers)		
PS-55 Power Supply	Dimensions: Height - 1.38" Width - 2.08" Depth - 3.92" Cable Length - 70.87" Weight: 0.51 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 of base - 2.61" Height from bottom of base to top of the microphone fully extended - 14.5" Width - 3.80" Depth - 6.02" Weight - 1.79" Construction: Mild Steel Finish: Powder Coated: Grey	Directional Response	Cardioid
		Frequency Response	150Hz - 10300Hz
		Sensitivity	49.5dB+ 2dB @ 1kHz (0dB=1V/pa)
		Impedance	1.6K Ohms+ 3-% @ 1kHz
STS-M14-300 Anti-Vandal Microphone	Dimensions: Diameter - 1.2" Stem - 11.8" Weight: 1.1 lbs Construction: Aluminum Finish: Silver Anodised	Directional Response	Cardioid
		Frequency Response	70Hz - 10300Hz
		Sensitivity	-47 +/- 3dB @ 1kHz
		Impedance	680 Ohms +/- @ 1kHz
STS-S23 Overhead Speaker	Dimensions: Height - 3.26" Width - 4.01" Depth - 3.54" Weight: 1.12 lbs Construction: Mild Steel Finish: Powder Coated RAL9006 Semi Gloss	RMS	5W
		Impedance	4 Ω
		Output	SPL 1W @ 1M 85dB
		Frequency Response	150Hz - 10300Hz
IL-AE99 Loop Aerial	Dimensions: To be moulded on site to required size by installer Weight: 0.19lbs Construction: L Copper wire with PVC casing Finish: Black		