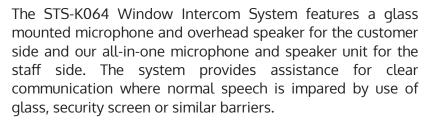
CONTACTA WINDOW INTERCOM SYSTEMS

• STS-K064

Window Intercom System and Hearing Loop





Components:

- > STS-A31H, Window Intercom Amplifier
- > STS-SU1-G-3W, Staff Unit Speaker and Microphone with Dual Mute
- > STS-M14-300, Glass Mounted 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	Mixed		
Finish	STS-SU1-3W, Grey Powder Coated Leatherette		
	STS-S23, RAL 9006 Powder Coated Semi Gloss		
	STS-M14-300, Silver Anodised		



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



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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 - 1.38" Width - 2.08" Depth - 3.92"	Input	100-240V 50-60Hz 1A max
	Cable Length - 70.87" Weight: 0.51 lbs Construction: ABS Case Finish: Black	Output	14V 2.14A 30W max
STS-SU1 Staff 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"	Directional Response	Cardioid
		Frequency Response	150Hz - 10300Hz
		Sensitivity	49.5dB+ 2dB @ 1kHz (0dB=1V/pa)
	Construction: Mild Steel Finish: Powder Coated: Grey	Impedance	1.6K Ohms+ 3-% @ 1kHz
STS-M14-300 Glass Mounted Microphone with Stem	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; ConstructionL Copper wire with PVC casing; Finish: Black		





