



STS-K003-B-MESH-KIT

Window Intercom System



CONTACTA WINDOW INTERCOM SYSTEMS

The STS-K003-B-MESH-KIT Window Intercom System is an integrated kit that provides assistance for clear communication between customer and staff featuring a hyperbolic mesh that offers weather resistance and environmental durability.

Components:

- › STS-A31H, Window Intercom Amplifier
- › STS-SU1-3W-B, Staff Unit Speaker and Microphone with Dual Mute
- › STS-S61, Customer Flush Mounted Speaker
- › STS-M56, Customer Flush Mounted Microphone
- › PS-55, Power Supply

Optional Accessories:

- › IL-AE98, Glass Mounted Hearing Loop Aerial
- › STS-SJB-RJ11, Break Out Box (for use of system with a staff headset)
- › HEADSET-1-DECT, Wireless Headset

Physical Data (boxed)

Dimensions	Height – 4.41" Width – 14.92" Depth – 9.29"
Weight	5.29lbs
Construction	Metalwork - Mild Steel STS-A31H - ABS Plastic Housing
Finish	Black Powder Coated



Applications

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

- › Banks
- › Public Transit Systems
- › Ticket Windows
- › Hospitals/Health Clinics
- › Medical Dispensaries
- › Pharmacies
- › Embassies
- › Government Buildings

Standards

- › CE, ROHS and WEEE compliant

contacta

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Physical and Technical Data (Individual Parts)

Components	Physical Data	Technical Data	
STS A31H Window Intercom Amplifier	Dimensions: Height - 1.58" Width - 4.58" Depth - 4.50" Weight: 0.32lbs Construction: ABS Plastic Housing 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)
STS-SU1-3W-B Staff Unit Speaker and Microphone	Dimensions: Height of base - 2.61" Height from bottom of base to top of microphone fully extended - 14.50" Width - 3.80" Depth - 6.02" Weight: 1.79lbs Construction: Mild Steel Finish: Black Powder Coated	Speaker	
		RMS	5W
		Impedance	4 Ω
		Output	SPL 1W @ 1M 85dB
		Frequency Response	150Hz - 10300Hz
		Microphone	
		Directional Response	Cardioid
		Sensitivity	49.5dB+ 2dB @ 1kHz (0dB=1V/pa)
		Impedance	1.6K Ω + 3-% @ 1kHz
		Frequency Response	150Hz - 10500Hz
STS-S61-B Flush Mounted Speaker STS-M56-B Flush Mounted Microphone	Dimensions: Height - 4.69" Width - 2.57" STS-S61 Depth - 1.87" STS-M56 Depth - 0.78" STS-S61 Weight: 0.92lbs STS-M56 Weight: 0.35lbs Construction: Mild Steel Finish: Black Powder Coated	Speaker (STS-S61-B)	
		RMS	5W
		Impedance	4 Ω
		Output	SPL 1W @ 1M 85dB
		Frequency Response	150Hz - 10300Hz
		Microphone (STS-M56-B)	
		Directional Response	Omni-Directional
		Sensitivity	-42.5 ± 2.0dB @ 1kHz (0dB=1V/pa)
		Impedance	2K Ω +/- @ 1KHz
		Frequency Response	100Hz - 5000Hz
PS-55 Power Supply	Dimensions: Height - 1.38" Width - 2.08" Depth - 3.92" Cable length: 70.87" Weight: 0.51lbs Construction: ABS Case Finish: Black	Input	100-240V 50-60Hz 1A max
		Output	14V 2.14A 30W max

Affiliations:

