

STS-K062

Window Intercom System and Hearing Loop



CONTACTA WINDOW INTERCOM SYSTEMS

The STS-K062 Window Intercom System features a screen mounted microphone for the customer side, overhead speakers for the customer and staff sides and a round base staff microphone along with a above the counter hearing loop aerial. The system provides assistance for clear communication where normal speech is impaired by use of glass, a security screen or other similar barriers.

Components:

- › STS-A31H, Window Intercom System Amplifier
- › MIC-M300, Staff Microphone
- › STS-M14-300, Anti Vandal Microphone with Stem
- › STS-S23 x2, Overhead Speakers
- › IL-AE97, Above the Counter Hearing Loop Aerial

Physical Data (boxed)

Dimensions	Height – 5.11" Width – 14.96" Depth – 12.59"
Weight	8.99 lbs
Construction	Stainless Steel
	Mild Steel
	ABS Plastic
Finish	Grey Powder Coated Leatherette - MIC-M300
	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: 0.22lbs 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
MIC-M300 Flexible Gooseneck Microphone	Dimensions: Diameter (base) - 2.75" Height - 13.38" Weight: 2.09 lbs Construction: Mild Steel Finish: RAL 9006 Powder Coated	Directional Response	Cardioid
		Frequency Response	150Hz - 10500Hz
		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 Surface Mounted 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-AE97 Hearing Loop Aerial	Dimensions: Height - 8.07" Width - 8.07" Depth - 0.21" Connection Cable Length - 78.74" Weight: 0.44 lbs		