

# STS-K062

## Surface Mounted Speakers & Anti-Vandal Mic System



### CONTACTA WINDOW INTERCOM SYSTEMS

The STS-K062 Window Intercom System provides assistance for clear communication where normal speech is impaired by use of glass, a security screen or other similar barriers.

Components:

- › Speech Transfer Amplifier [STS-A31H]
- › Anti-Vandal Microphone [STS-M14-300]
- › Flexible Gooseneck Microphone [MIC-M300]
- › Overhead Speaker x2 [STS-S30]
- › Hearing Loop Sign with Built-in Aerial [IL-AE97]
- › PS-55 Power Supply [PS-55]

### 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
	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	
<b>STS-A31H</b> 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)
<b>PS-55</b> 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
<b>MIC-M300</b> 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	Cardiod
		Frequency Response	150Hz - 10500Hz
		Sensitivity	49.5dB+ 2dB @ 1kHz (0dB=1V/pa)
		Impedance	1.6K Ohms+ 3-% @ 1kHz
<b>STS-M300</b> 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
<b>STS-S23</b> 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
<b>IL-AE97</b> 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		