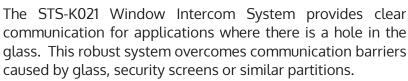
# CONTACTA WINDOW INTERCOM SYSTEMS

# STS-K021

# Window Mounted System





The kit features a STS-BLO, a non ballistic rated glass mounted, all-in-one speaker and microphone customer unit. It allows for simple installation and ensures both the customer and staff can be clearly heard. This kit is available in two other ballistic rated variations STS-K022 (Level 3) and STS-K023 (Level 8).

### Components:

- > STS-A31H-BL8, Window Intercom System Amplifier
- > STS-SU1-3W-SIL-400, Staff Unit Speaker and Microphone
- STS-BL0, Customer Side Speaker and Microphone
   Unit with Window Mounting Kit
- > IL-AE98, Window Mounted Hearing Loop Aerial
- > PS-55, Power Supply

# Physical Data (boxed)

Dimensions	Height –5.90" Width – 20.4" Depth – 12.50"
Construction	Mixed
Finish	Powder Coated Silver Sparkle



### **Applications**

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

- > Banks
- > Post offices
- > Theaters
- > Information Centers
- › Public Transit Systems
- > Ticket Counters
- > Embassies
- › Government Buildings

### **Standards**

- CE, ROHS and WEEE compliant
- > FCC class "B" EMC emissions
- > ICES-003



Phone: (727)-773-6671 Email: jim@completehearingsolutions.org



# Physical and Technical Data (Individual Parts)

Components	Physical Data	Technical Data	
<b>STS A31H-BL8</b> 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 $\Omega$ 4.4W / 4 $\Omega$
		Loop Drive Compliance	Constant current, bounded by 4V RMS & 2A RMS
		Total Harmonic Distortion	<5% (loop and speakers)
	Dimensions: Height - 18.50" Microphone Stem length - 15.75" Width - 3.80" Depth - 6.02"  Weight: 1.79lbs Construction: Mild Steel Finish: Powder Coated Silver Sparkle	Speaker	
		RMS	5W
		Impedance	4 Ω
		Output	SPL 1W @ 1M 85dB
STS-SU1-3W-SIL-400		Frequency Response	150Hz - 10,300Hz
Staff Unit Speaker and Microphone		Microphone	
·		Directional Response	Cardioid
		Sensitivity	49.5dB+ 2dB @ 1kHz (0dB=1V/pa)
		Impedance	1.6K Ω+ 3-% @ 1kHz
		Frequency Response	150Hz - 10,500Hz
	Dimensions: Depth: 4.84" Diameter - 5.51"  Construction: Mixed, Mild Steel, SR500 Steel Finish: Powder Coated Silver Sparkle	Speaker	
<b>STS-BL0</b> Customer Side		RMS	5W
		Impedance	4 Ω
		Output	SPL 1W @ 1M 85dB
		Frequence Response	150Hz - 10,300Hz
Microphone and Speaker Glass		Microphone	
Mounting Kit		Directional Response	Omnidirectional
		Frequency Response	100Hz - 10,000Hz
		Sensitivity	-44dB +/- 3dB @ 1kHz (0dB=1V/pa)
		Ouput Impedance	1.0k +/- 30%
<b>PS-55</b> Power Supply	Dimensions: Height - 1.38" Width - 2.08" Depth - 3.92"	Input	100-240V 50-60Hz 1A max
	Cable length: 70.87" Weight: 0.51lbs Construction: ABS Case Finish: Black	Output	14V 2.14A 30W max
<b>IL-AE98</b> Window Mounted Loop Aerial	Height - 8.50" Width - 8.50" Depth - 0.01" Weight - 0.26lbs; Connection cable lengt	h - 6.5ft	

## Affiliations:





