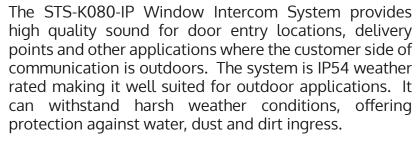
CONTACTA WINDOW INTERCOM SYSTEMS

STS-K080-IP

Window Intercom System and Hearing Loop





Components:

- > STS-A31H, Window Intercom System Amplifier
- > STS-SU1-B, Staff Unit Speaker and Microphone (Black)
- > STS-S80-IP, IP54 Overhead Speaker
- > STS-M15-300-IP, IP54 Stem Microphone
- > IL-AE99, Under the Counter Hearing Loop Aerial
- > STS-EX5M, 5 Meter Extension Cable

Physical Data (boxed)

Dimensions	Height –4.72" Width – 25.19" Depth – 13.38"
Weight	
Construction	Mixed STS-A31H - ABS Plastic Housing
Finish	Mixed



Applications

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

- Outdoor Access Points (gates, security doors, etc.)
- Transportation and Distribution
 Depots
- > Port and Ferry Terminals
- Medical, Healthcare and MassTesting Facilities
- › Drive-through Services

Standards

Customer side IP54 rated against dust and water ingress. Water splashing against the enclosure from any direction shall have no harmful effect.



Phone: (616) 392-3400 Email: sales@contactainc.com www.contactainc.com



Physical and Technical Data (Individual Parts)

Components	Physical Data	Technical Data	
		Supply Voltage	12-14 VDC
	Height -1.58" Width - 4.58" Depth - 4.50"	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)
H H n	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"	Speaker	
		RMS	5W
		Impedance	4 Ω
		Output	SPL 1W @ 1M 85dB
		Frequency Response	150Hz - 10300Hz
Staff Unit		Microphone	
Weight: 1.90lbs		Directional Response	Cardioid
	Construction: Mild Steel Finish: Black Powerd Coated	Sensitivity	49.5dB+ 2dB @ 1kHz (0dB=1V/pa)
		Impedance	1.6K Ohms+ 3-% @ 1kHz
		Frequency Response	150Hz - 10500Hz
	Speaker Dimensions: Height - 4.17" Width - 6.02" Depth: 4.17" Construction: Metal and Plastic Finish: Matt Black	Speaker	
STS-S80-IP Wir IP54 Overhead Speaker Col		RMS	30W
		Impedance	8 Ω
		Output	SPL 1W @ 1M 88dB
CTC 1414 200 ID	Microphone Dimensions: Diameter - 1.41" Depth - 0.47" Stem - 11.8" Total Height - 13.21" Cable Length - 6.56ft Construction: ABS Plastic and Stainless Steel	Frequency Response	120Hz - 20,000Hz
IP54 Stem Microphone Si		Microphone	
		Directional Response	Omnidirectional
		Sensitivity	-42 ±3dB (0dB=1V/pa)
		Impedance	2.2K
		Frequency Response	100Hz - 20,000Hz
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: 0.51lbs Construction: ABS Case Finish: Black	Output	14V 2.14A 30W max
Dimensions: To be moulded on site to required size by installer IL-AE99 Weight: 0.19lbs Loop Aerial Construction: Copper wire with PVC casing Finish: Black			