



STS-A31H

Hearing Loop and Duplex Audio Communication Amplifier



Features

Energy-saving “green” stand-by mode is automatically used, achieving a power saving of up to 80%

Advanced Digital Signal Processing (DSP) for speakers and hearing loop

Constant current loop drive (with engineer adjustable loop drive level)

Isolated audio line input / output allows additional ohmically isolated line level audio input or output to recording system

Power and status indication: Green/Red LED column

DC Power: 2.1mm DC jack

Standards

- › CE, ROHS and WEEE compliant
- › BS EN 60118-4, in correct installations

PRODUCT INFORMATION

The STS-A31H is an all-in-one Hearing Loop and Duplex Audio Communication Amplifier specifically designed for our Speech Transfer Systems.

Physical Data

Dimensions	Height – 1.58” Width – 4.58” Depth – 4.50”
Weight	0.32lbs
Construction/Finish	ABS Plastic Housing Matt Black Fine Texture

Technical Data

Supply Voltage	12-14 VDC
Quiescent Current	100mA typical
Operating Current	2A typical on speech peaks
Power Switch	Push on - push off
Microphones	Electret, supply 5V via 2.2 Ohm load resistor
Speaker Output Power	RMS: 2.5W / 8 Ohm 4.4W / 4 Ohm
Loop Drive Compliance	Constant current, bounded by 4V RMS & 3A RMS
Total Harmonic Distortion	<5% (loop and speakers)



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