



Speech Transfer Amplifier

Our amplifier provides full open duplex communication and is compatible with all of our speech transfer products.

Features:

- Energy-saving "green" standby mode is automatically used, achieving a power saving of up to 80%
- Advanced digital signal processing for speakers and induction 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 (factory options, not available together)
- LED column indicator aids adjustments and indicates power and status
- Continuous self-testing means that no specialized equipment is required to confirm functionality
- DC Power: 2.1mm DC jack
- Power and status indication: Green/red LED column

Technical Data:

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 Ω 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)

Physical Data:

Dimensions	Height 116mm (4.57") Width 115mm (4.53") Depth 40mm (1.57")
Weight	100g (0.22lbs)
Construction	ABS Plastic Construction Housing
Finish	Matt Black Fine Texture

Product Code:

Amplifier	STS-A31-H
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