



## Speech Transfer Amplifier

STS-A31H

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

**Note:** PS-55 Power Supply sold separately.

### Applications

For use in any situation where one to one communication takes place at a counter, booth or desk, through glass, such as in:

- Banks
- Post offices
- Theatres
- Information Centres
- Airports

### Features

- Energy-saving "green" standby mode is automatically used, achieving a power saving of up to 80%
- 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

Talk to us now:  
 +44 (0) 1732 223900 (UK & ROW)  
 +1 616 392 3400 (US & Canada)  
[www.contacta.co.uk](http://www.contacta.co.uk)



## Physical Data

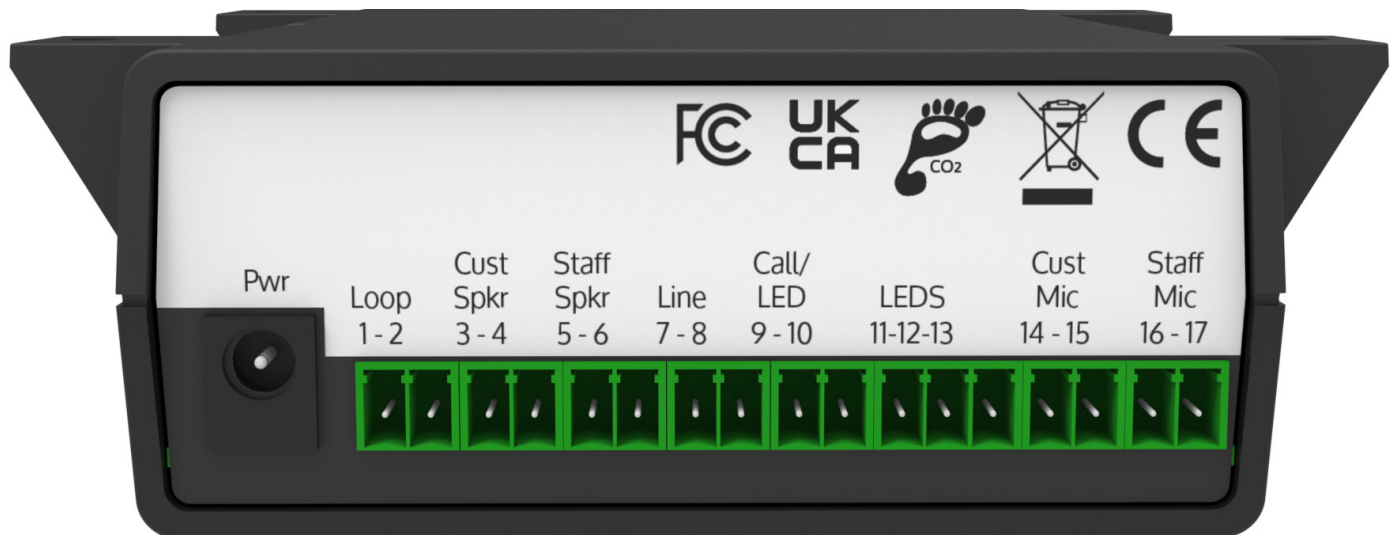
Dimensions	Height - 116mm (4.57") Width - 115mm (4.53") Depth - 40mm (1.57")
Weight	100g (0.22lbs)
Construction	ABS Plastic
Finish Options	Matt Black Fine Texture

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## 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 $\Omega$ load resistor
Speaker Output Power	RMS: 2.5W / 8 $\Omega$ , 4.4W / 4 $\Omega$
Loop Drive Compliance	Constant current, bounded by 4V RMS & 3A RMS
Total Harmonic Distortion	<5% (loop and speakers)

## Rear Connections



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## Standards

- Induction loop performance compliant with BS EN60118-4 (when correctly installed)

This product has been designed and tested to comply with the following North American and Canadian standards:

- FCC class "B" EMC (emissions)
- ICES-003

## Legislation

Directive Number	Directive Title
2014/30/EU	The Electromagnetic Compatibility Directive
Test Standards:	EN 55032:2015, A11 2020
	> EN55016-2-1:2014
	> EN55016-2-3:2010 A1 2010 a2 2014
	EN 55103-2:2009
	> EN61000-4-2:2009
	> EN61000-4-3:2006 A1 2008 A2 2010
	> EN61000-4-4:2012
	> EN61000-4-5:2014 A1 2017
	> EN61000-4-6:2014
	> EN61000-4-11:2004 A1 2017
	EN61000-3-2:2019
	EN61000-3-3:2013
2014/35/EU	Low Voltage Directive (LED)
2012/19-EU	Waste Electrical & Electronic Equipment (WEEE) Directive
2011/863/EU	The Restriction of Hazardous Substances Directive