

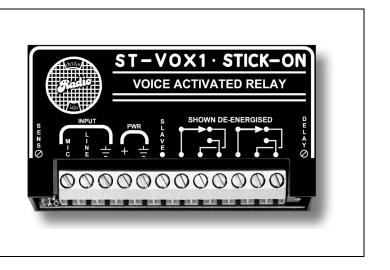
SPECIALISTS IN PRACTICAL PRECISION ENGINEERING™

STICK-ON[®] SERIES Model ST-VOX1 Voice Activated Relay

ANYWHERE YOU NEED...

- Control Switching from Voice Signal
- Audio Switching Precisely Tailored for Stable, yet Fast Switching from Voice Sources
- Switching from Mic or Line Level Signals
- Precise Threshold Adjustment
- DPDT Switching Contacts
- Open-Collector Slave Output

You Need The ST-VOX1!



APPLICATION: The ST-VOX1 is an audio controlled relay in the group of STICK-ON series products by Radio Design Labs. These products are designed for quick, convenient installation and reliable operation in a variety of control applications. The ST-VOX1 is specifically designed to switch reliably on voice signals.

When used in intercom or talk-back applications, the ST-VOX1 may be triggered directly from an unbalanced microphone. In many such installations, the microphone or other audio source must be preamplified, making the ST-VOX1 an ideal mate to work with RDL's STM-1 preamp. The unbalanced output from the STM-1 can be used to trigger the ST-VOX1, while the STM-1 balanced output is used for the audio feed.

The ST-VOX1 releases very quickly, but holds on through very short pauses in syllables common to speech. These time constants allow the design of a communications system yielding comfortable two-way conversation.

- High-impedance inputs connect across any unbalanced audio line
- Multi-turn sensitivity adjustment permits precise threshold setting
- Multi-turn DELAY control adjusts relay release delay
- Tight bandpass filtering yields triggering on voice frequencies
- Slave open-collector terminal allows additional relays to be added for more contacts (RDL's ST-LCR1)
- Slave terminal may be used with remote switch to manually override the control circuit and turn on the relay

Wherever a voice activated relay is needed, the ST-VOX1 is the ideal choice. Use the ST-VOX1 combined with other RDL RACK-UP[®], STICK-ON, TX[™], or FLAT-PAK[™] series products as part of a complete audio/video system.



SPECIALISTS IN PRACTICAL PRECISION ENGINEERING™

