

# R<sup>2</sup> OVERVIEW

## R<sup>2</sup> Remote Audio Preamplifier

### A Modern Solution

For years, surveillance teams have relied on legacy amplifiers and microphones for audio collection. However, more stringent surveillance requirements call for the very best in intelligible audio.

Our new line of superior-performance digitally controlled preamplifiers rises to meet the demanding needs of an ever-changing mission set.

### Performance Meets Power

The two-channel R<sup>2</sup> Remote Audio Preamplifier combines superior audio circuitry with state-of-the-art digital control technology, expanding the possibilities and power of microphone preamplifiers.

### Flexibility to Fit Your Needs

R<sup>2</sup> can be used as a stand-alone or drop-in amplifier with manual gain adjustment, or it can be remotely powered and controlled with the optional Digital Control Unit (DCU), which enables full remote control of the R<sup>2</sup>.

Additional flexibility includes the ability to remotely power the R<sup>2</sup> with phantom power from the LP/OP using the DCU for added covertness and no power footprint.

Custom kits are available to meet your agency's unique requirements. Call us to discuss what we offer and have us design a solution to support your mission requirements.



*More stringent mission requirements demand increased power and performance, and R<sup>2</sup> rises to the challenge*

## Related Products



H<sup>2</sup> Headphone Amplifier



Optional Digital Control Unit

## Features

- ◊ Ultra-low-noise performance among quietest in industry; ideal for surveillance applications
- ◊ Multiple wiring and connector configurations
- ◊ Phantom power option (or dc/battery)
- ◊ Remotely controlled variable microphone biasing voltage
- ◊ Sleep and power-save modes
- ◊ Retains settings in non-volatile memory
- ◊ Superior S/N ratio
- ◊ Digital microcontroller
- ◊ Works with IntriCon Tibbetts, Knowles and other major brands

## Specifications

Variable gain	Up to +58 dB
Dynamic range	>100 dB
Low-pass filter	User-selectable; 1–15 kHz
Power	dc, remote and/or battery
Dimensions	2.4 × 1.5 × 0.5 in; 2.5 × 1.63 × 0.8 in
Channels	2 (optionally 8)



## CONTACT US TODAY

To schedule a demonstration, or for more information, including pricing and availability on this or any of our products, [call](#), [e-mail](#) or visit us [online](#).



© 2017 Transformational Security, LLC. Specifications subject to change.