

iWorx IX-RA-834 Data Recorder

10+ Channel Recorder and Stimulator

The iWorx RA Recorder is the most advanced and feature-rich physiological data acquisition system on the market. It exhibits the high resolution, low noise and flexibility required for a variety of research applications.



IX-RA-834 Specifications

Inputs

- BNC 4 (± 10 V range)
- DIN8 4 (± 10 V range)
- iWire 4
- Digital In 8
- Sampling Speed 100k s/sec per channel
200k s/sec aggregate

Low Voltage Stimulator Output

- Number 2
- Output Range ± 15 V at 35 mA

High Voltage Stimulator Output

- Number 1
- Compliance 100V
- Range 0-1 mA

Digital Outputs

- Number 8

Event Marker Channels

- Number 2

Suitable for:

- Cardiac Function
- Hemodynamics
- Isolated tissue and organ studies
- Exercise physiology research
- Metabolic function studies
- Neuroscience
- Oocyte clamp
- Epithelial voltage clamp



iWorx Systems, Inc.

iWire Compatible Devices

Expansion Made Easy

iWorx developed a proprietary Serial Interface technology called iWire to enable unparalleled expansion of your laboratory recording equipment by simply plugging in an iWire compatible device. A traditional data recorder would require additional recording channels to accomplish this functionality.

iWire-BIO4/8

4 or 8 Biopotential Channel Expansion



iWire-ECG12

12 Lead ECG Expansion



iWire-B3G

ECG / EMG / EEG / GSR Expansion



iWire-AM

2 Channel Audio Monitoring Expansion



iWire-GA1

O₂ / CO₂ Gas Analyzer Expansion

