

# *System 3 Manual Table of Contents*

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## **RZ Z-Series Processors**

- RZ2 BioAmp Processor
- RZ5D BioAmp Processor
- RZ5P Fiber Photometry Processor
- RZ6 Multi I/O Processor
- RZ5 BioAmp Processor
- RZ-UDP RZ Communications Interface

## **RZ-UDP RZ Communications Interface**

- RS4 Data Streamer
- PO8e Interface for the RZ

## **RX Processors**

- RX8 Multi I/O Processor
- RX6 Multifunction Processor
- RX5 Pentusa Base Station
- RX7 Stimulator Base Station

## **RP Processors**

- RP2.1 Real-time Processor
- RA16BA Medusa Base Station
- RV8 Barracuda

## **RM Processors**

- RM1/RM2 Mobile Processors

## **Preamplifiers**

- PZ5 NeuroDigitizer
- PZ5M Medically Isolated NeuroDigitizer
- PZ2 PreAmp
- PZ3 Low Impedance Amplifier
- PZ4 Digital Headstage Manifold
- RA4PA/RA16PA Medusa PreAmps
- RA8GA Adjustable Gain PreAmp
- Headstage Connection Guide
- TB32 32-Channel Digitizer

PZ5-BAT External Charger

PZ-BAT External Battery Pack for the PZ Amplifiers

### **Stimulus Isolators**

IZ2/IZ2H Stimulator

IZ2M/IZ2MH Stimulator

MS4/MS16 Stimulus Isolator

### **Video Processor**

RV2 Video Processor

RVMap Software for RV2

### **MicroElectrode Array Interface**

MZ60 MicroElectrode Array Interface

### **High Impedance Headstages**

ZIF-Clip® Analog Headstages

ZIF-Clip® ZCD Digital Headstages

ZIF-Clip® ZD Digital Headstages

ZIF-Clip® Headstage Holders

Acute (Non-ZIF) Headstages

Chronic (Non-ZIF) Headstages

CB16-PMT ECoG Headstages

SH16 Switchable Headstages

### **Low Impedance Headstages**

Low Impedance Headstages

### **Adapters and Connectors**

Probe Adapters (AC-CH, CH-AC, ACx2-NN, CHx2-NN, nanoZ-OMN/DIP, nanoZ-ZCA32, nanoZ-ZCA64)

ZIF-Clip® Headstage Adapters (ZCA-DIP16, ZCA-OMN16, ZCA-OMN32, ZCA64-FLEX-OMN, ZCA-NN32, ZCA-EIB32, ZCA-NN64, ZCA-GM60, ZCA-OMN96, ZCA-CK96A, ZCA-ICS96, ZCA-UP16, ZCA-UP24, ZCA-MIL16, ZCA-MIL32, ZCA-VD8)

Preamplifier Adapters (DBF-MiniDBM, MiniDBF-DBM, PLX-ZCA, SB64)

LI-CONN/DB80-164 Connectors

S-BOX Splitters (SBOX)

### **Microwire Arrays**

ZIF-Clip® Based Microwire Arrays

Omnetics Based Microwire Arrays

Suggestions for Microwire Insertion

zDrive Microdrive

Procedure for zDrive Implantation and Maintenance

### **Attenuators**

PA5 Programmable Attenuator

### **Commutators**

ACO32/ACO64 Motorized Commutators

### **Transducers and Amplifiers**

MF1 Multi-Field Magnetic Speakers

EC1/ES1 Electrostatic Speaker

ED1 Electrostatic Speaker Driver

HB7 Headphone Buffer

MA3 Microphone Amplifier

MS2 Monitor Speaker

SA1 Stereo Amplifier

SA8 Eight Channel Power Amplifier

FLYSYS FlashLamp System

CF1/FF1 Magnetic Speakers

### **Subject Interface**

RBOX Response Box

HTI3 Head Tracker Interface

BBOX Button Box

BH32 Behavioral Cage Controller

### **Signal Handling**

FB128 Neural Simulator

PP24 Patch Panel

PP16 Patch Panel

PM2Relay Power Multiplexer

SM5 Signal Mixer

ETM1 Experiment Test Module

### **PC Interfaces**

Interface Transfer Rates

PO5/PO5e Optibit Interface

UZ3 USB 3.0 Interface

UZ2 USB 2.0 Interface

LO5 ExpressCard to zBus Interface

PI5 Gigabit Interface

### **The zBus and Power Supply**

ZB1PS – Powered zBus Device Chassis

ZB1 Device Caddie and PS25F Power Supply

### **System 3 Utilities**

zBUSmon Bus/Interface Utility

Corpus System 3 Hardware Emulator

### **Computer Workstation**

WS4/WS8 High Performance Computer Workstation