

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

Data Streamers

- 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