

System 3 Manual Table of Contents

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RZ Z-Series Processors

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

RZ-UDP RZ Communications Interface

- RS4 Data Streamer
- PO8e Interface for the RZ

RX Processors

- RX6 Multifunction Processor
- RX8 Multi I/O 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

- PZ2 PreAmp
- PZ3 Low Impedance Amplifier
- PZ-BAT External Battery Pack
- PZ4 Digital Headstage Manifold
- PZ5 NeuroDigitizer
- PZ5M Medically Isolated NeuroDigitizer
- PZ5-BAT External Charger
- RA4PA/RA16PA Medusa PreAmps
- RA8GA Adjustable Gain PreAmp

Headstage Connection Guide

TB32 32-Channel Digitizer

Stimulus Isolators

MS4/MS16 Stimulus Isolator

IZ2 Stimulator

IZ2MH Stimulator

Video Processor

RV2 Video Processor

RVMap Software

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

SH16 Switchable Headstages

CB16-PMT ECoG 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, 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/AC Motorized Commutators

Transducers and Amplifiers

MF1 Multi-Field Magnetic Speakers

EC1/ES1 Electrostatic Speaker

ED1 Electrostatic Speaker Driver

FLYSYS FlashLamp System

HB7 Headphone Buffer

MA3 Microphone Amplifier

MS2 Monitor Speaker

SA1 Stereo Amplifier

SA8 Eight Channel Power Amplifier

CF1/FF1 Magnetic Speakers

Subject Interface

BBOX Button Box

RBOX Response Box

BH32 Behavioral Cage Controller

HTI3 Head Tracker Interface

Signal Handling

PM2Relay Power Multiplexer

SM5 Signal Mixer

PP16 Patch Panel

PP24 Patch Panel

FB128 Neural Simulator

ETM1 Experiment Test Module

PC Interfaces

Interface Transfer Rates

PO5/PO5e Optibit 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

Computer Workstation

WS High Performance Computer Workstation