

Differential Head Stage Amplifier



Features

- **Low noise**
- **Small profile**
- **Differential Input**
- **High common mode rejection**
- **Eliminates long leads that can act as antennas**
- **Ideal for bio-potential applications and certain action potential applications**

Features such as high Common Mode Rejection with very low noise differential are packed in a small package which mates with the Universal signal conditioner. This hardware combination provides high quality measurements for extracellular recordings. Helping to ensure quality signals, the physical design of the unit also aids in removing unwanted noise by eliminating long lead wires that could potentially pick up unwanted noise and frequencies.

Technical Data Sheet

Model J03446

Differential Head Stage Amplifier

SPECIFICATIONS

Input Impedance	>10 GW
CRM	100 dB @ 60 Hz
Noise	< 2 μ V p-p, DC to Hz @ (input shorted at X1 gain), <10 μ V p-p, DC to 1 KHz
Gain at Head Stage Output	X10
Input Mode	Differential
Output Mode	Single ended

ORDERING INFORMATION

Part Number

J03446 Differential Head Stage Amplifier

Accessories

13-7715-58 Universal Signal Conditioner

13-7715-59 Universal XE Signal Conditioner
J03586 Adaptor Cable 18"

*Specifications are current at publication.
Due to DSI's continuing product improvement program,
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