Amplifiers



For extracellular recording

EXT-02F

High-End dual channel desktop amplifier



- Record any extracellular signal (single units, EEG, ECG, etc.) using versatile filter settings
 - Built-in audio monitor allows identification of cells
- Optional headstage with high-impedance input

EXT-02B

Basic dual channel desktop amplifier



- Save money with this simpler version of the EXT-02F
- Headstages switchable from recording to stimulus
- Combine multiple EXT-02B up to 8 channels

Features:

- Stand-alone amplifiers with external power supply for low-noise recordings
- Two independent channels with high—/lowpass filters and gain up to 10.000

Options:

- Miniature headstages for recordings in freely moving animals
- Filter frequencies or gain settings can be customized to Your needs







EXT 10-2F

Single channel amplifier with versatile filters



- Directly filter your signal (high and low pass filter built-in)
- · Comes with headstage with high-impedance input
- Easy compensation set of DC offsets
- This is a modular version of the EXT-02F

EXT-10C

Single channel amplifier wich capacity compensation



- Record fast signals with capacitance compensation
- · Comes with headstage with high-impedance input
- Easy compensation set of DC offsets
- Combine with DPA or other filters

EPMS-07





Customize **YOUR** recording setup

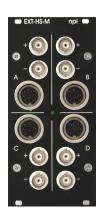
- Combine different amplifiers, filters, stimulators into one EPMS housing
- Multi-channel miniature headstages can be connected via breakout modules





EXT-HSM/EXT-MHS-M

Headstage connection modules





EXT-HSM

Connect up to 4 differential headstages to your EPMS-07

EXT-MHS-M

- Connect a miniature headstage with up to 8 channels
- Up to 2 independent switchable stimulation lines

DPA-2FX/DPA-2FS

Differential amplifier and filter





- · High- and lowpass filter with differential input
- Bessel filter with 16 corner frequencies
- 10 $M\Omega$ input for direct connection of low impedance electrodes
- Adds high flexibility to multi-channel extracellular headstages
- Combine with EXT-HS-M or EXT-MHS-M to form a multichannel recording setup

DPA-2FL

Low-noise differential amplifier and filter



- Special low noise version of the DPA
- Bessel filter with 6 corner frequencies
- Best used with EPMS-E-07 (external power supply)



EXT-16DX

16 channel amplifier with synchronized filters



- Miniature headstages for in vivo recording
- Easy setting of amplification and filters
- Choose one channel as common reference

EXT-T2

Tetrode amplifier with 2 x 4 channels



- Easy to use amplifier for tetrode recordings
- No accidental change in filter or gain settings
- Save money by using home-made tetrodes
- Use with miniature headstages for freely moving animals

EXT-T1M

Tetrode amplifier with 1 x 4 channels



- Modular version of the EXT-T2
- Internal filters are pre-set by dip-switches

Current injection and resistance measurement

- Optional add-on modules available:
 - For impedance measurement
 - For DC current injection (stimulate, make lesions, clean electrode tips)

Contact:

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