

Free-Cap Instructions for MindMedia NeXus-10

2 Channel EEG

Required sensors/cables for NeXus-10

- 1 ExG Sensor TP
- 1 Ground TP
- 1 EEG Linked Ear cable (optional)

Setting

- 1 Ground TP, placement: place it somewhere on the head, e.g. Cz
- 2 active electrodes (red), placement: according the required application
- 2 reference electrodes (black), placement: ear lobe left and right

Cable configuration for Free-Cap

- 5-wired cable
- 1x GND
- 2x active
- 2x reference (ear clip each)

4 Channel EEG

Required sensors/cable for NeXus-10

- 2 ExG Sensor TP
- 1 Ground TP
- 2 EEG Linked Ear cables (required)

Setting

- 1 Ground TP, placement: place it somewhere on the head, e.g. Cz
- 4 active electrodes (red), placement: according the required application
- 2 reference electrodes (black), placement: ear lobe left and right

Cable configuration for Free-Cap

- 7-wired cable
- 1x GND
- 4x Active
- 2x Reference (ear clip each)

QuickQ / NewQ

Required sensors/cables for NeXus-10

- 1 ExG Sensor TP
- 1 Ground TP

Setting

- 1 Ground TP: has to be placed at Pz
- 2x Reference (ear lobe left and right)
- 2x Active QuickQ Part A: O1 (Red1) und Cz (Red2)
- 3x Active QuickQ Part B: F3 (Red1) und F4 (Red2) und Fz (Red1)

Cable configuration for Free-Cap

- 8-wired cable
- 1x GND
- 5x Active
- 2x Reference (ear clip each)

With this configuration, the QuickQ / NewQ can be prepared so that the electrodes do not need to be changed during the run and thus the client no longer needs to be touched. A 5-wired Free-Cap cable would also be sufficient, however the positions of the electrodes on the head must be changed during the QuickQ run. With the 8-wired cable, only the connectors need to be replaced, the client's head does not need to be touched.

