

Miniature Headstages for Use with npi Amplifiers

Miniature Headstage in Small Housing

Dimensions: 14.5 x 12 x 9 mm
Weight: 3 g
Standard connector pitch: 1.27 mm
Connectors: female



Headstage connector:

Compatible amplifiers:

ELC standard	8
ELC standard + 2-ch. single ended	14
ELC standard + 4-ch. single ended	14
EXT differential (EI & Ref)	8
EXT differential (EI & Ref) + 2-ch. single ended	14
EXT differential (EI & Ref) + 4-ch. single ended	14
EXT 2-ch. differential (EI & Ref)	8
EXT 2-ch. differential (EI & Ref) + ISO-STIM 2-ch.	14
EXT 4-ch. differential (EI & Ref)	14
EXT 2-ch. single ended	8
EXT 4-ch. single ended (e.g. Tetrode)	8
EXT 8-ch. single ended (e.g. Double-Tetrode)	14

Miniature Headstage in Large Housing

Dimensions: 21 x 12 x 9 mm
Weight: 4 g
Standard connector pitch: 1.27 mm
Connectors: female



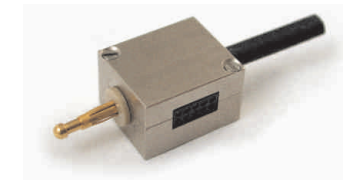
Headstage connector:

Compatible amplifiers:

ELC switchable	8
ELC switchable + 2-ch. single ended	14
ELC switchable + 4-ch. single ended	14
EXT 8-ch. differential (EI & Ref)	19
EXT 10 - 16-ch. single ended (e.g. 4x Tetrode)	19

Miniature Headstage in Small Housing with Gold Pin (2 x 8 mm)

Dimensions: 22,5 x 12 x 9 mm
Weight: 4 g
Standard connector pitch: 1.27 mm
Connectors: male (2 mm), female



Headstage connector:

Compatible amplifiers:

ELC standard	8
ELC standard + 2-ch. single ended	14
ELC standard + 4-ch. single ended	14
SEC standard	8
EXT differential (EI & Ref)	8
EXT differential (EI & Ref) + 2-ch. single ended	14
EXT differential (EI & Ref) + 4-ch. single ended	14
EXT 2-ch. differential (EI & Ref)	8
EXT 2-ch. differential (EI & Ref) + ISO-STIM 2-ch.	14
EXT 4-ch. differential (EI & Ref)	14
EXT 2-ch. single ended	8
EXT 4-ch. single ended (e.g. Tetrode)	8
EXT 8-ch. single ended (e.g. Double-Tetrode)	14

Miniature Headstage in Large Housing with Gold Pin (2 x 8 mm)

Dimensions: 29 x 12 x 9 mm
Weight: 4.5 g
Standard connector pitch: 1.27 mm
Connectors: male (2 mm), female



Headstage connector:

Compatible amplifiers:

ELC switchable	8
ELC switchable + 2 ch. single ended	14
ELC switchable + 4 ch. single ended	14
EXT 8-ch. differential (EI & Ref)	19
EXT 10 - 16-ch. single ended (e.g. 4x Tetrode)	19

Miniature Headstage without Housing SIZE A

Dimensions: 19 x 10 x 4.5 mm
 Weight: 2 g
 Standard connector pitch: 1.27 mm
 Connectors: male/female



Compatible amplifiers:

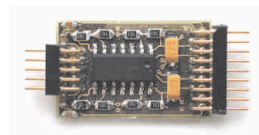
ELC standard
 ELC standard + 2-ch. single ended
 EXT differential (EI & Ref)
 EXT differential (EI & Ref) + 2-ch. single ended
 EXT 2-ch. (EI & Ref)
 EXT 2-ch. (EI & Ref) + ISO-STIM 2-ch.
 EXT 2 - 4-ch. single ended (e.g. Tetrode)

Headstage connector:

8
 14
 8
 14
 8
 14
 8

Miniature Headstage without Housing SIZE C

Dimensions: 30 x 13.5 x 4.5 mm
 Weight: 4 g
 Standard connector pitch: 1.27 mm
 Connectors: male/female



Compatible amplifiers:

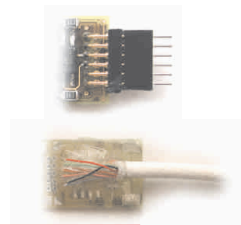
EXT 8-ch. differential (EI & Ref)
 EXT 16-ch. single ended (e.g. 4x Tetrode)

Headstage Connector:

19
 19

Headstage Connections:

Cable with connector to headstage
 (replaceable)



Cable soldered directly to headstage
 (ultra lightweight & small)

Custom-made Headstages:

Examples:

- Mini-headstages with connectors for stimulation
- Mini-headstages with implemented motion sensors
- optional LEDs for motion tracking
- 16 channels for simultaneous recording and stimulation
- special electrode connectors available

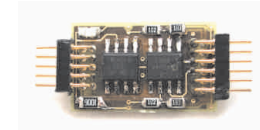
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Miniature Headstage without Housing SIZE B

Dimensions: 29 x 12 x 4.5 mm
 Weight: 3 g
 Standard connector pitch: 1.27 mm
 Connectors: male/female



Compatible amplifiers:

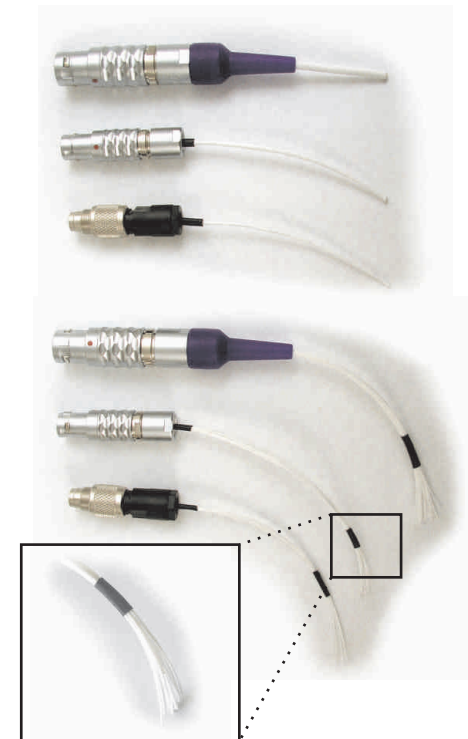
ELC standard + 4-ch. single ended
 VA-10 standard
 EXT differential (EI & Ref) + 4-ch. single ended
 EXT 4-ch. differential (EI & Ref)
 EXT 8-ch. single ended (e.g. Double-Tetrode)

Headstage connector:

14
 8
 14
 14
 14

Cables and Connectors:

	# of lines	Outer diameter
Standard cable:	19	2.8 mm
	14	1.7 mm
	8	1.4 mm
Special cable: (highly flexible)	19	2.5 mm
	14	2.2 mm
	8	2.0 mm



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