

Brain Products GmbH Zeppelinstrasse 7 82205 Gilching Germany

T +49 (0) 8105 733 84 0 F +49 (0) 8105 733 84 505 Sales@brainproducts.com www.brainproducts.com

Worldwide Caution: Our products are scientific equipment for NVESTIGATIONAL USE ONLY! Medical use 2.g. for diagnosis, treatment of disease or Version 003 © Brain Products Gmbł



Setup Your TurboLink











Brain Products GmbH Phone +49 (0) 8105 733 84 0 sales@brainproducts.com www.brainproducts.com

USB Amplifier Dongle (Info Server Proces up Control Clien 192.168.5.1 Data Client 192.168.200.2 Recording Mod normal Sample Interva 0.2 ms (SD 0. EEG Modules Sampling Rate Data Client Sampling Rate 1000 Hz

Data Client Rate: 1000 Hz - Packet rate (multiple samples per packet) eference (unchecked: Def.Def=0 All values apply to the next start of acquisition

Example: Recorder sampling rate is 5000 Hz. If "Data Client Transfer Rate" is 1000 Hz and "Packeting" is unchecked, the signal is down sampled to 1000 Hz. If "Data Client Transfer Rate" is 1000 Hz and "Packeting" is checked, packets of 5 samples are sent at a 1000 Hz rate.

Start BrainVision Recorder on the Recorder PC (in Admin-mode)

✓ Go to *Configuration* > *Select Amplifier* and select "actiCHamp-TurboLink" Note: Leave the default IP address that is set here unchanged (i.e. 192.168.5.21). ✓ Create a new (or edit an existing) workspace and "Scan for amplifier"

✓ Start monitoring or check impedances to ensure signal quality

✓ Optional: Start recording

Note: To send data to the data client, it's sufficient to start monitoring.

Make sure to shut down the TurboLink using the 🙂 Power Button at the front. The TurboLink status LED turns red. Do not disconnect the power cable before TurboLink is

/ must be in the 192.168.200 subnet

UDP data packets are broadcasted on port 25000

ize	Data type	Content	Description
	uint32	Token	0x0050
	uint32	Sample coun- ter	32-bit sample counter
	uint32	Trigger bits	Bit 07: Trigger input lines, Bit 815: Trigger output lines
	float	AUX channels	8 AUX channels, scaled to μV
2*4	float	EEG channels	m * 32 EEG channels, scaled to μV (m = number of enabled EEG modules)