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Connect the transducer to the appropriate connector:

Headphones or insert earphones: blue connector Probe: red connector Second probe for binaural testing: blue connector Bone oscillator: red connector

Clean the patient's skin and place the electrode pads. Connect the clips to the corresponding sites. Recommended montage is:



White: high forehead Black: cheek Red: mastoid

For binaural testing, place red electrode on the nape.

If you are using an ear probe or insert earphones, select the appropriate ear tip size and place it on the probe tip. Insert the probe in the ear making sure that the ear tip fits tightly into the ear canal.

If you are using headphones, place them over the ears.

Select ABR.

Select the protocol you would like to use. To change the parameters, select one of the presets and then the tools button at the bottom of the page:





CONFIGURABLE TEST PARAMETERS



Select type of stimulus and polarity. Masking noise is available only for monaural testing. Select up to 8 testing intensities. Repeat a level to confirm response repeatability Select stimulus rate, maximum number of averages and whether to use SpreadSpectrum (recommended)





Select the test ear by pressing either the Right or Left button, or Right + Left for binaural testing. Binaural testing is available when headphones, insert phones or two ear probes are connected.





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An impedance check will be performed prior to measurement. If impedance is below 6 k ohm, the start button will become available. You can configure the settings for the test to *autostart* if the impedance is lower than 4 k ohm. If impedance is higher than 6 k ohm but below 12 k ohm, a skip button will become available. An impedance below 6 k ohm is recommended for best test results.



If you are using an ear probe, a calibration will be performed together with the impedance check. You can select the simple calibration or the expert calibration mode in the device set up.



Simple calibration mode



Expert calibration mode



ABR DIAGNOSTIC TEST SCREEN



INTERACTIVE PARAMETERS CHANGES AVAILABLE DURING TEST

03:21	ABR CI	nirp	
	90		85
	80		75
	70		65
	60		55
	50		45
	40		35
	30		25
	20] 15
	10		5
	0		X
	0	к	

Modify intensity levels during test



View raw EEG during test



Mark waves during test



ABR DIAGNOSTIC TEST RESULTS



Press for additional options:

- Show traces in test order
- Show traces sorted by level
- Overlay traces of same levels
- Show summed traces for same levels



INTERACTIVE OPTIONS AVAILABLE AFTER TEST



Mark waves after test is finished

	15:18 🧕	ABR		10:31 🍕)	AE	BR.		-	10:33 🚱	ABR	
	Latencies [ms]			Interau	ral la	tency di	fferenc	e L-R	[ms]	Transducer		
	I III V 70 2.0 4.2 6. 60 2.9 5.0 6. 50 3.6 5.8 7. 40 4.1 6.3 8. 30 5.3 7.4 9.	IPL I-III I-V 4 2.2 4.4 5 2.1 4.0 5 2.2 4.0 2 2.2 4.1 4 2.1 4.1 2 2.2 4.1 4 2.1 4.1	III-V nVpp 2.2 346 1.9 214 1.8 252 1.9 245 2.0 212	1 80 - 70 - 60 - 50 - 40 - 30 - 30 -		V 0.2 -0.3 0.4 0.4 -0.1 0.2 0.3		1-V		insert Averages 6000 Stimulus Rate 40 Hz Stimulus Chirp, Alt	ernating	
70 80 dB	Impedance 70 1.9k 1.9k 60 1.9k 1.9k 50 1.9k 1.9k 40 1.9k 1.9k 30 1.9k 1.9k	Averages 9010 11979 14995 9795 8078	Noise 35 nV 23 nV 18 nV 21 nV 18 nV							Options Auto Proce Age group(for Adult Total time: 15:02	æd normative latencies)	
	🦘 ок					o.		F				

Latency intensity graph

....

10 20 30 40

ABR

10:28



Interaural difference in binaural testing Test conditions

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Zoom in or out

Quick Guide Information

Release date:	2017-01-12
Revision:	01
Valid from:	Firmware Rev. 2.1, Mira PC Software Rev. 1.6.4
Applies to:	Model: SOH100360, web descriptions SOH06, SOH07, SOH08 and SOH09

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PATH MEDICAL GmbH Landsberger Straße 65 82110 Germering Germany Tel.: +49 89 800 76 502 Fax: +49 89 800 76 503 Internet: www.pathme.de

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