EN Instructions for Use

prisma HUBconfig

PC software service tool for configuration of the prisma HUB communication module



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Operation

prisma HUBconfig is a service tool for the WM 090 MC prisma HUB communication module. You can use prisma HUBconfig to change network settings, create a 1:1 connection for prismaTSlab, output PSG test signals and also update the prisma HUB module.

1 Starting prisma HUBconfig

Requirement:

The therapy device is connected to the PC with the prisma HUB module (see prisma HUB instructions for use).

- Call up the menu items Start > Programs > Löwenstein Medical Technology > Tools and click on prisma HUBconfig.
- 2. Press F1 to open the online help.

or

Click Menu > Help.

A PDF of the user manual can be found in the Manuals folder on the installation medium. It is identical to the online help.

1.1 Selecting the language of the user interface

The user interface of prisma HUBconfig is available in a number of different languages.

- 1. Click on **Menu** > **Change language**.
- 2. Select your preferred language.
- 3. Restart prisma HUBconfig.

2 Configuring the prisma HUB module

You can use prisma HUBconfig to change the network configuration of the prisma HUB module.

Requirement:

- The therapy device is connected to the PC with the prisma HUB module (see prisma HUB instructions for use).
- In prisma HUBconfig, all connected prisma HUB modules are displayed.

The green dot indicates that the therapy device connected to the respective prisma HUB module has **not** been selected in prismaTSlab.

prisma HUBconfig						- 0	×		
Menu									
					200 - C				
prisma HUB configurati	ion								
Serial number	Firmware version	Network card	IP address	Subnet mask	DHCP	Gateway			
• 53723	1.1.0026 🖸	Ethernet 5	10.100.100.8 🗸	255.255.0.0 🗸	~				
• 53959	1.2.0034 🗸	Ethernet 5	10.100.100.35 🗸	255.255.0.0 🗸	×	10.100.10.2	54		
	Votify if the	network settings for a prism	na HUB do not correspond t	to the local settings					
	✓ Notify if the network settings for a prisma HUB do not correspond to the local settings								

1. In order to configure the network settings, click on the prisma HUB selected.

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enu I						
risma HUB config	uration					
erial number	Firmware version	Network card	IP address	Subnet mask	DHCP	Gateway
54517	1.1.0026 Ø	Ethernet	10.102.100.21	255.255.0.0	~	
54518	1.1.0026 😂	Ethernet	10.102.100.22	255.255.0.0	~	
	Name Scholar	vork settings 1:1 Crea	te assignment PSC	3 test signals 👔	Firmware upd	late
	Notify if th	e network settings for a pr	risma HUB do not correspon	d to the local settings		

2. Click on Network settings.

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prisma HUBconfig					-
Menu				4	
		Network card		Subnet mask	
	1.3.0001 🗸	Elhemelů st network setti	ngs for serial num	255 255 0 0	
	1.1.0026 Ø	Ethernet0	10.102.100.21	255.255.0.0	
	1.1.0026 😂	Ethernet0	10.102.100.22		
		Ethernetu	10.102.100.17		
	Name Sub	net mask	P.S		
		Gateway			
		Save	Cancel		

3. Enter the IP address, subnet mask and gateway.

or

Click on the **DHCP** checkbox.

- 4. Save your input.
- 5. In order to check whether the network setting of the prisma HUB module corresponds to the settings of your local network, click on the checkbox at the bottom.



All connected prisma HUB modules will be listed, irrespective of whether the network configuration of a module corresponds to the settings of the local network to which it is connected or not.

3 Naming prisma HUB module

Instead of the serial number, you can assign a name of your choice (for example, the room number).

1. Open the detailed view of the selected prisma HUB.

prisma HUBconfig						
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					969 - Y	
prisma HUB configu	uration					
Serial number	Firmware version	Network card	IP address	Subnet mask	DHCP	Gateway
54517	1.1.0026 📿	Ethernet	10.102.100.21	255.255.0.0	1	
54518	1.1.0026 💭	Ethernet	10.102.100.22	255.255.0.0	1	
	Name KNetw	vork settings 1:1 Crea	te assignment Mr. PSG	e test signals 🗈 🕻	Firmware updat	te
	The Martine of the					

2. Click on Name.

🔕 Name		×
Enter name, e.g. "Room 1"		
	<u>0</u> K	<u>C</u> ancel

3. Enter your chosen name.

4 Updating prisma HUB module

If the prisma HUBconfig version no longer corresponds to the current version of the prisma HUB module, then the C button appears next to the **firmware version**.

Requirement:

All prisma HUB modules in the laboratory are connected to the power supply system.

1. In order to update the firmware, open the detailed view of the prisma HUB selected.

prisma HUBconfig					_	
Menu				ě		
prisma HUB config	guration					
Serial number	Firmware version	Network card	IP address	Subnet mask	DHCP Gate	way
54517	1.1.0026 🖸	Ethernet	10.102.100.21	255.255.0.0	~	
54518	1.1.0026 🖸	Ethernet	10.102.100.22	255.255.0.0	~	
	🖌 Name 🖁 🖁 Netw	vork settings 1:1 Crea	ate assignment Mr. PSG	i test signals 🗈 🕻	Firmware update	
	Notify if th	e network settings for a p	orisma HUB do not correspond	I to the local settings		

2. Click on Firmware Update.

The firmware update is performed.

5 Setting up a 1:1 connection

If required, you can set up a fixed assignment (1:1 connection) between a patient room and a prismaTSlab application. For example, if there is 1 PC available in each room (i.e., for each therapy device), you can set up prismaTSlab so that the therapy device in the corresponding patient room is automatically selected when the application is started. This reduces the risk of confusion as the respective device does not have to be selected manually.

Detection takes place via the serial number of prisma HUB. In order to prevent any confusion, prisma HUB must remain in the same patient room. You can connect any compatible therapy devices and prismaCONNECT modules you choose to the prisma HUB module selected.

1. In order to set up a 1:1 connection, open the detailed view of the prisma HUB selected.

risma HUBconfig						- 0
nu						
risma HUB config	uration					
erial number	Firmware version	Network card	IP address	Subnet mask	DHCP	Gateway
53723	1.1.0026 🖸	Ethernet 5	10.100.100.8 🗸	255.255.0.0 🗸	~	
53959	1.2.0034 🗸	Ethernet 5	10.100.100.35 🗸	255.255.0.0 🗸	×	10.100.10.25
	Name Ren	work settings 1:1 Crea	ete assignment Mr. PSG	test signals		

2. Click on **1:1 Create assignment.**

Set up shortcut to pr	isma HUB	
Set up shortcut to	prisma HUB	
Serial number: FW version: IP address: Name / description: 50015	50015 1.2.0012 10.100.103.26	
 Also create a 1:1 Serial interface: Delete existing d Set up a digital F 	connection to the SOMNObalance platfo esktop shortcuts from prismaTSlab SG connection to Miniscreen Pro	rm Port number: 55662
	Crea	ate shortcut Cancel

- 3. If necessary: Enter the data.
- 4. If necessary: Click one or more options.

When setting up a PSG connection, click the checkbox **Set up a digital PSG connection to Miniscreen Pro**. The special settings for setting up a PSG connection are now performed automatically.



When you click the **Delete existing desktop shortcuts from prismaTSlab** checkbox, **all** existing desktop shortcuts are deleted from prismaTSlab.

5. Click on **Create shortcut**.

The 1:1 connection is set up.

6 Performing a PSG test

You can perform a PSG test in order to test whether the prismaPSG module is connected properly.

1. In order to start the PSG test, open the detailed view of the prisma HUB selected.

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Menu								
						1999 - E		_
prisma H	UB configu	iration						
Serial nur	nber	Firmware version	Network card	IP address	Subnet mask	DHCP	Gateway	
• 53723		1.1.0026 😂	Ethernet 5	10.100.100.8 🗸	255.255.0.0 🗸	~		
6 53959		1.2.0034 🗸	Ethernet 5	10.100.100.35 🏑	255.255.0.0 🗸	×	10.100.10.2	54
		Name Ranketw	ork settings 1:1 Creat	te assignment PSG t	est signals 📳			
		A 11-14. 4 14						
		 Notity if th 	e network settings for a pr	isma HUB do not correspond t	o the local settings			

2. Click on **PSG test signals.**

PSG test signals					
PSG test sign	als				
Respiratory flow			ſ	This PSG test	sequence is
Leak flow			ſ	should be visil system. You c	ble in your P(S)G an identify the number
Obstruction level			ſ	of the incomin prismaPSG us (number of pla	g signal from the sing the sequence
Setpoint pressure			ſ	A sequence ta repeated four	likes 30s and is times during the test.
Actual pressure			ſ	Connected p	risma HUB:
RMV	JUUU		r	Serial numbe	r: 50015
Tidal volume	างงา	السمار	_[FW version:	0.2.0023
Frequency	JUUV		ſ		
				9	Start output of test signals

- 3. Click on **Start output of test signals**.
- 4. Check whether the test sequence is displayed on the PSG used.

Löwenstein Medical Technology GmbH + Co. KG Kronsaalsweg 40 22525 Hamburg, Germany T: +49 40 54702-0 F: +49 40 54702-461 www.loewensteinmedical.com



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