

SMART *Pulser*

Operating Manual



Important Notes for Getting Started

We congratulate you on your purchase of the SmartPulser-System.

The SmartPulser-System represents the latest development and application standard in the field of portable PEMF wellness technology for home use.

The SmartPulser-System complies with the following guidelines and standards:

- IEC 60601-1 Electrical Safety
- IEC 60601-1-2 Tolerance of Electromagnetic Fields

The frequencies and intensities of the exposed electromagnetic field is - even at highest settings - consistently well below the established safety limits for human exposure. They align with the established safety guidelines and standards for electromagnetic exposure (Reference: The International Commission on Non-Ionizing Radiation Protection (ICNIRP) is a global organization that focuses on the scientific study of the potential health effects of non-ionizing radiation. For more information, please visit www.icnirp.org).

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The details of the content of this manual may deviate from the product or the associated software. All information in this document may be changed without prior notification.

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1. Intended Use

The SmartPulser-System is a wellness product intended to maintain and encourage a general state of health by managing stress, encouraging relaxation, enhancing the flow of Qi energy, promoting good sleep habits, and improving mental acuity.

The SmartPulser-System is not a medical device and is not intended to diagnose, cure, mitigate, prevent, or treat any disease.

2. Possible Applications

The SmartPulser-System can be used:

- for Relaxation
- for Meditation
- for overall Wellbeing

3. Scope of Delivery



SmartPulser Control unit
incl. Software



Power Supply



USB-Stick
(for future software
updates)



Quickstart Guide

If any of the parts is damaged or missing, please contact your responsible distribution office.

4. Housing and Buttons



1. Touchscreen
2. On/off and lock button
3. Reset Pinhole
4. DC charging cable socket
5. Connection sockets for the Applicators
6. Connection socket for Accessories (S.Brain and S.Face)
7. USB socket for Updates
8. Battery compartment
9. Internal Speaker

5. Switching On and Off

How to switch your SmartPulser-System on:

- Press the on/off button (2) on the top for several seconds.



When you start the SmartPulser system for the first time, a screen appears on which you must configure some important settings. These include setting the language as well as setting your time and the time format (*AM/PM* or *military* format).

Once the SmartPulser-System has been switched on, you can use the on/off button (2) to activate the power-saving mode or return to standard mode.

After several minutes of non-use, the SmartPulser-System will switch to power-saving mode (the interval can be set from **Settings => Screen => Sleep**). You can also exit power-saving mode by pressing the on/off button.

How to switch your SmartPulser-System off:

- Press the on/off button down until a confirmation message appears. Touching the **Power off** symbol will switch the device off completely.

How to re-start your SmartPulser-System:

- Press the on/off button down until the SmartPulser logo appears on the display.

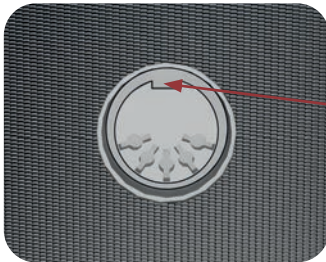


SAFE TEMPERATURE RANGE: The SmartPulser-System may only be operated in an environmental temperature range between 0 °C and 35 °C.

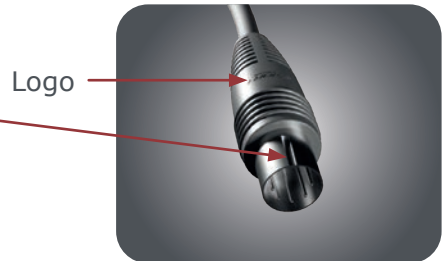
6. Installation

1. Take the individual parts out of the packaging. Place the S.Mat or S.Bed on a stable, even surface, such as on the floor, on a couch or mattress of your bed.
2. Aside from this, make sure that your environment is as free of electro-smog as possible. There should not be any devices like: TVs, microwave ovens, radio-based telephones and so forth in the immediate vicinity (approx. 1-2m) during an application.
3. Connect one of the supplied applicators to SmartPulser control panel as follows: Insert the plug of the applicator into one of the sockets provided on the back of the control unit (5) as required. The SmartPulser automatically recognizes which applicator is plugged in.

When plugging in, make sure that the plug is in the correct position => Logo pointing upwards. Damage caused by improper handling is excluded from the warranty.



Socket on the control unit



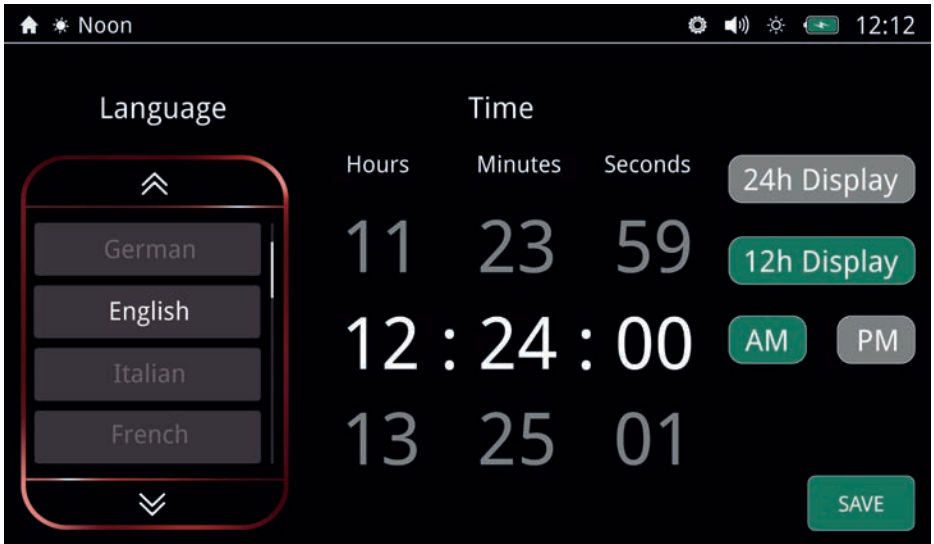
Applicator plug

4. Check the system time selected (upper right) and set it to the current time, if necessary. The built-in bio-rhythm clock will adjust automatically to this system clock during an application.

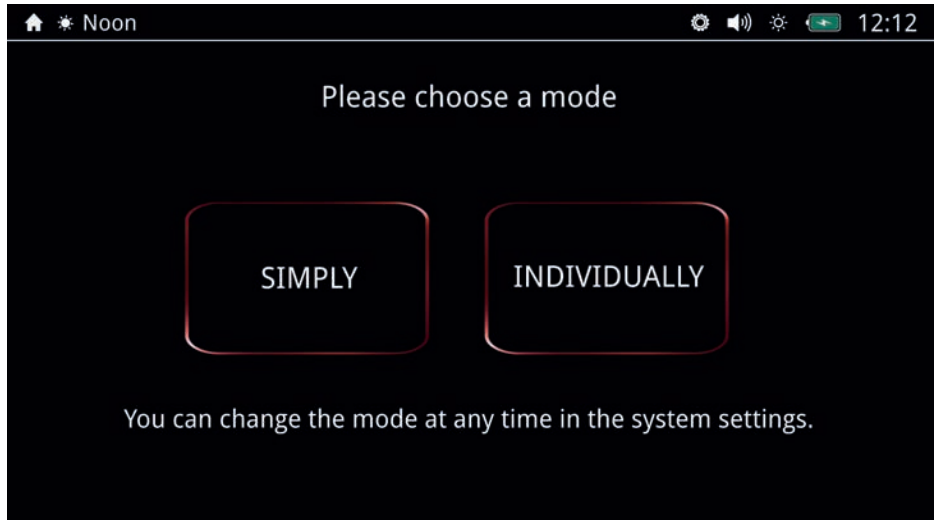
7. Activation

Once you have completely installed the system, switch on the Smart-Pulsar system by pressing the power button (2) on the control unit.

After you have switched on the Smartpulsar control unit and the operating system has booted up, you will see (on first start-up) a display for setting the interface language and the time. This is important because the Chinese organ clock built into the system is based on the time.



After setting the language and time and clicking "Save" you can choose between "Simply" and "Individually" mode. In "Simply" mode, the basic functions of the system are very easy to use, while in "Individually" mode, you can use the full range of functions offered by the SmartPulser system.



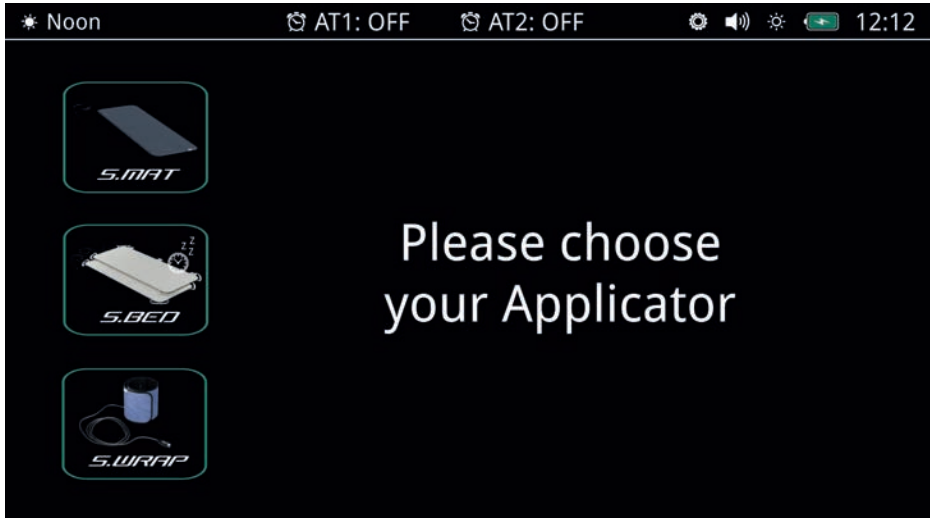
After choosing a mode, the SmartPulser start screen will appear, displaying the legally required contraindications. Once these have been confirmed (**press CONTINUE**), you will be taken to the SmartPulser application home screen.

If you don't want the Contraindications to appear every time the system starts up, you can disable them under **Settings => System => Show Contraindications**.



8. „Simply“ Mode

In “Simply” mode, the basic functions of the system are very easy to use. You can select one of the connected applicators (S.Mat, S.Bed, or S.Wrap) by clicking on the corresponding icon on the user interface.



8.1. S.Mat

The S.Mat application provides five preset fast start programs (10). Tapping one button will suffice to activate the following programs:

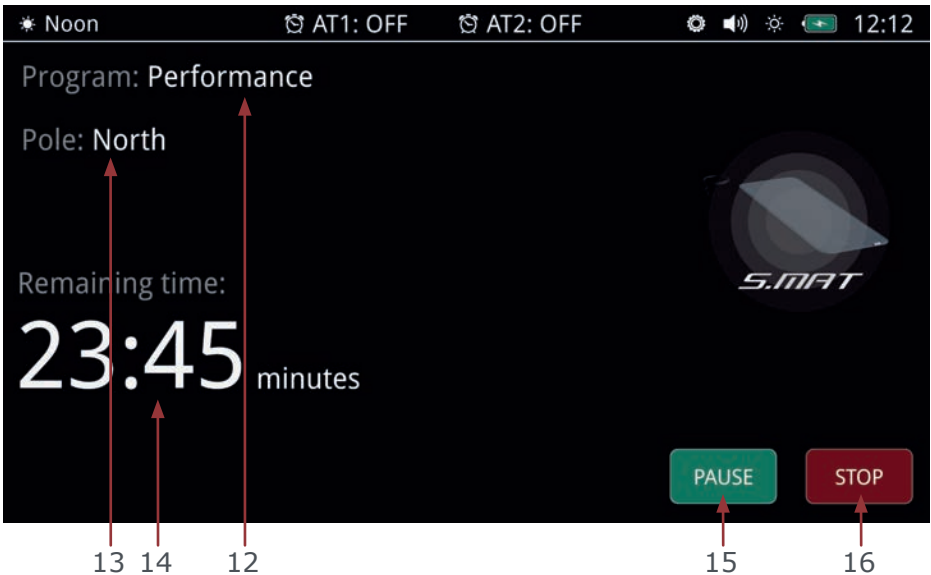
- **Relaxation:** longer duration with decreasing intensity
- **Performance:** short duration with higher intensity
- **Activation:** short duration with increasingly higher intensity
- **Sleep:** decreasing intensity towards lowest levels
- **Regeneration:** longer duration with very low intensity

After selecting one of the five fast start buttons (10) press “START” (11) and the corresponding programme begins immediately.

The display shows the programme name (12), the polarity of the magnetic field (which changes every two minutes) (13) and the remaining application time (14). A “PAUSE” button (15), located at the bottom



right, can be used to interrupt the current application. Pressing this button again will resume the application with the existing parameters. Next to this is a "STOP" button (16) that can be used to terminate the current application.

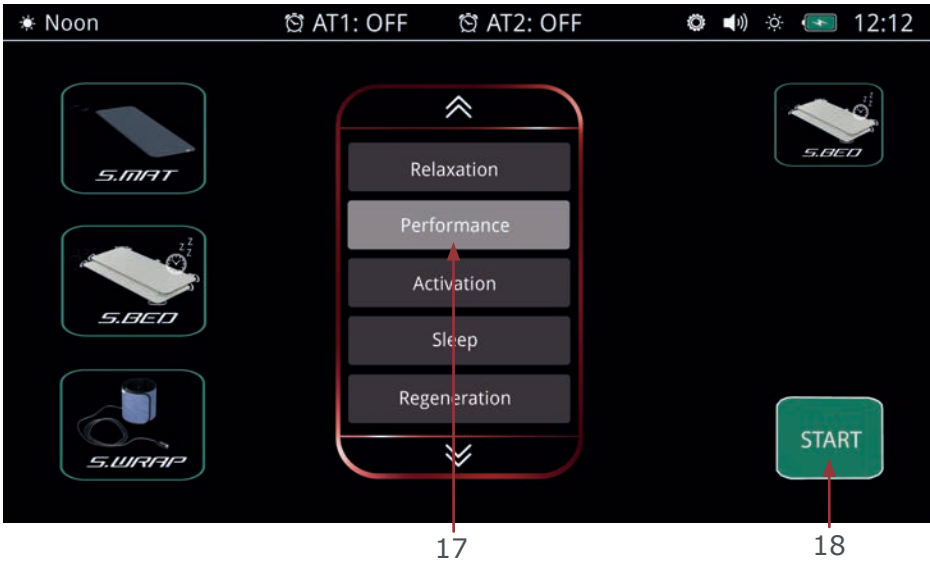


8.2. S.Bed

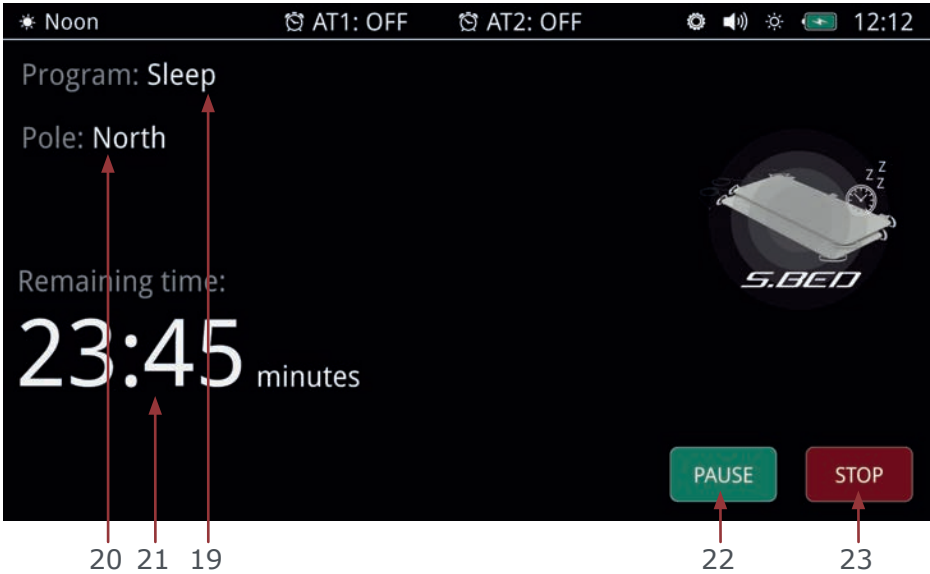
The S.Bed application provides five preset fast start programs (17). Tapping one button will suffice to activate the following programs:

- **Relaxation:** longer duration with decreasing intensity
- **Performance:** short duration with higher intensity
- **Activation:** short duration with increasingly higher intensity
- **Sleep:** decreasing intensity towards lowest levels
- **Regeneration:** longer duration with very low intensity

After selecting one of the five fast start (17) buttons press "START" (18) and the corresponding programme begins immediately.



The display shows the program name (19), the polarity of the magnetic field (which changes every two minutes) (20) and the remaining application time (21). A "PAUSE" button (22), located at the bottom right, can be used to interrupt the current application. Pressing this button again will resume the application with the existing parameters. Next to this is a "STOP" button (23) that can be used to terminate the current application.

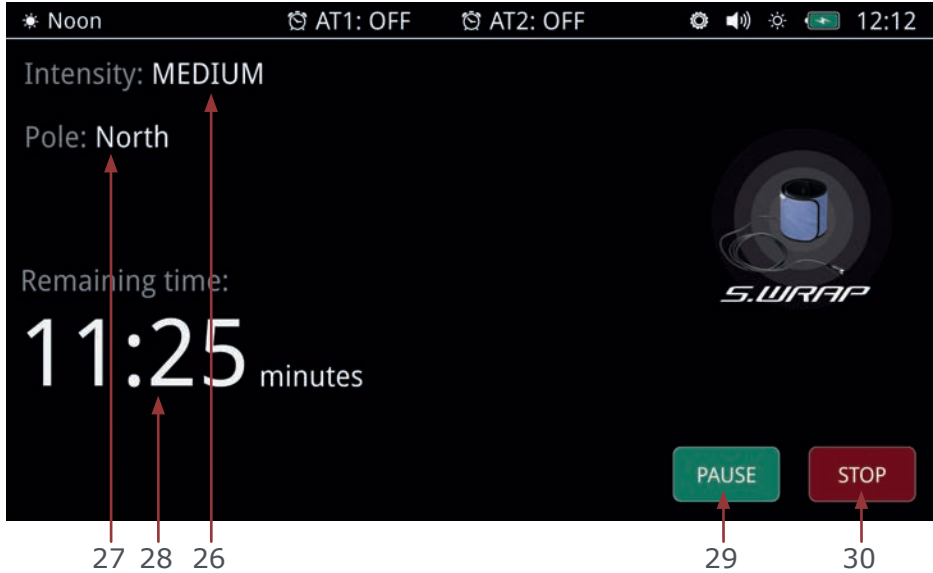


8.3. S.Wrap

The S.Wrap application offers three different intensity levels (HIGH, MEDIUM, and LOW) (24). Select one of the intensity levels by pressing the corresponding button. Click on the "START" button (25) to start the application with the selected settings.



The display shows the intensity level (26), the polarity of the magnetic field (which changes every two minutes) (27) and the remaining application time (28). A "PAUSE" button (29), located at the bottom right, can be used to interrupt the current application. Pressing this button again will resume the application with the existing parameters. Next to this is a "STOP" button (30) that can be used to terminate the current application.

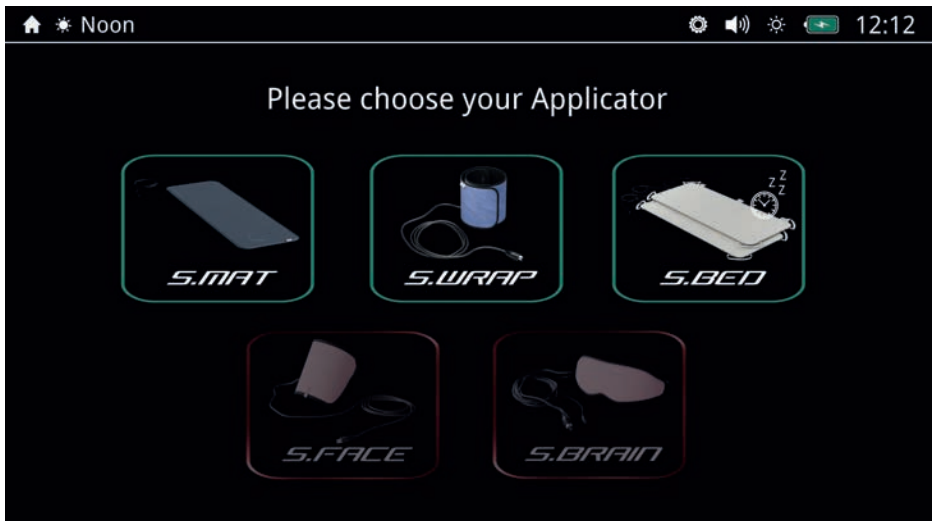


9. „Individually“ Mode

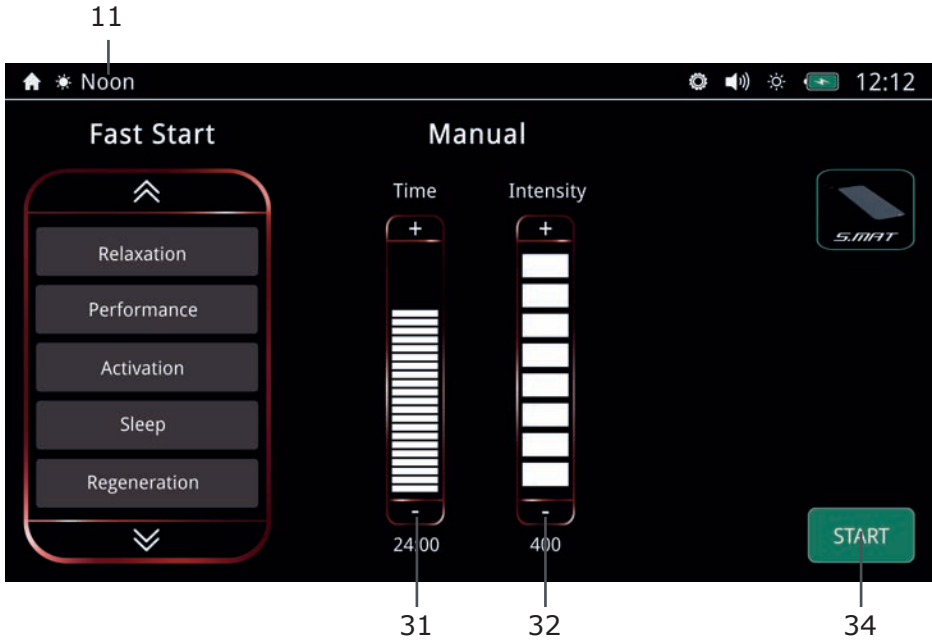
In “Individually” mode, you can use the entire range of functions offered by the SmartPulser system. In this mode, you can also operate additional accessories such as S.Brain or S.Face.

9.1 Manual application

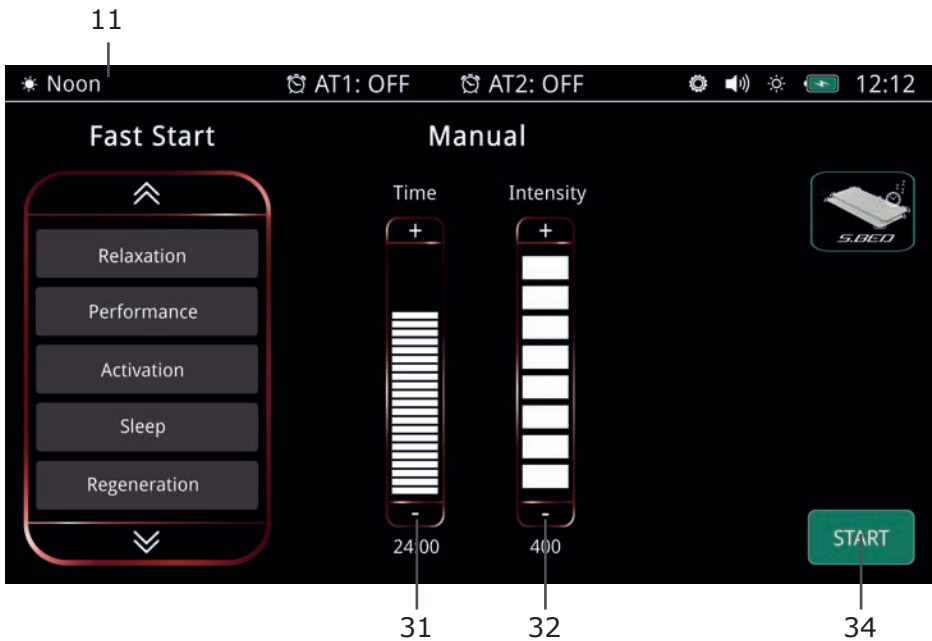
Connect the desired applicator (see Chapter 6, Installation) and start the Smartpulser-System (see Chapter 7, Activation). After the system has been successfully started, choose the desired applicator. To do so, tap on the applicator-icon on the Home Screen.



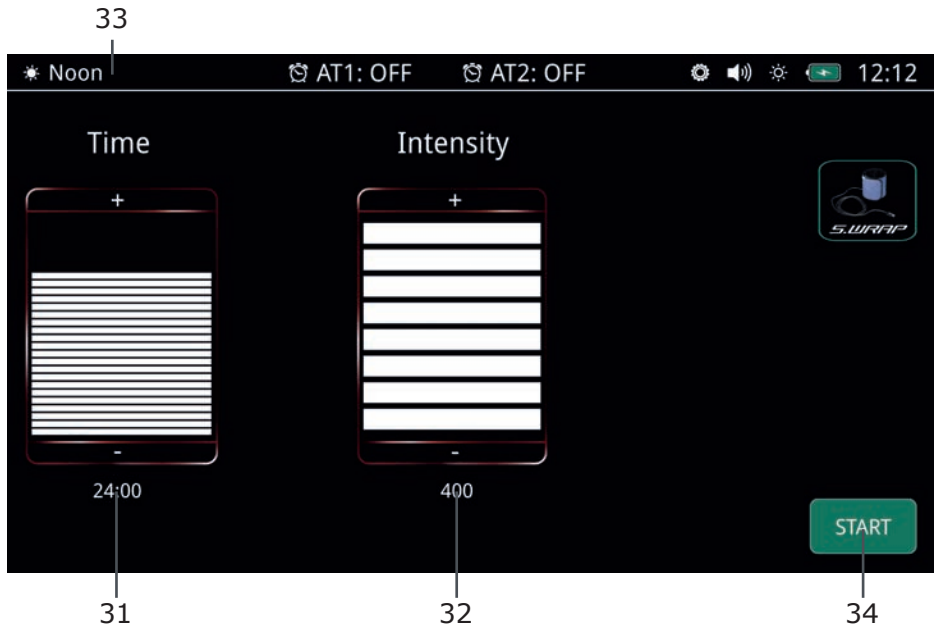
Application Screen S.Mat



Application Screen S.Bed



Application Screen S.Wrap



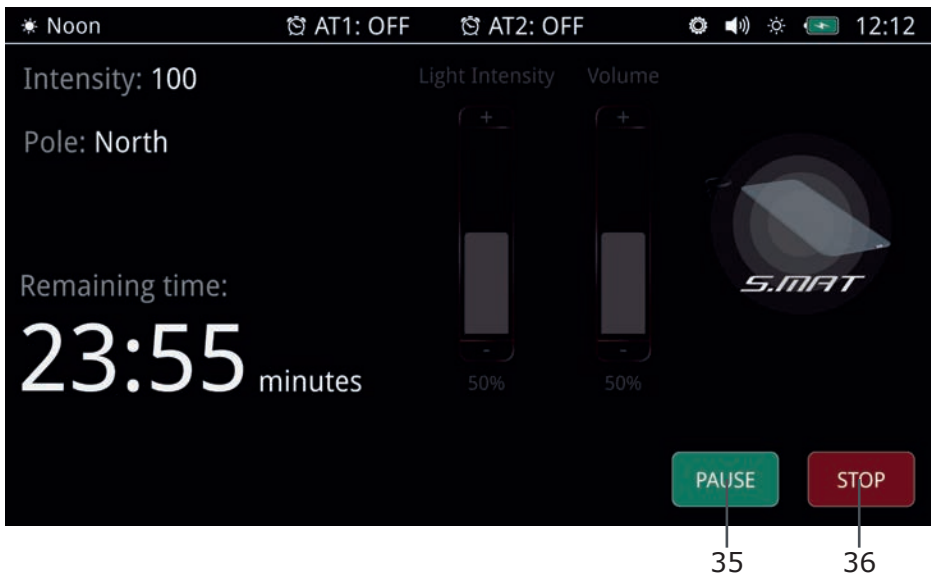
On the application screen, set the desired application duration (31) from 1 to 60 minutes. It can be set in steps of 1 minute.

Afterwards, set the desired intensity of the vibration (flux density) (32). This setting has been divided into the following relative levels: Sensitive, 10, 25, 50, 100, 150, 200 and 400.

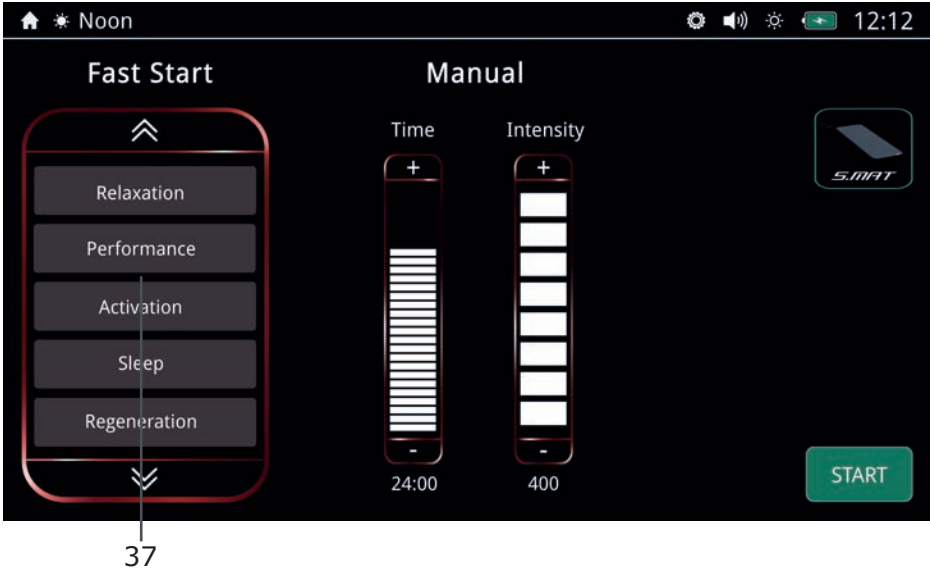
The integrated bio-rhythm clock will automatically adjust to the time set on your SmartPulser-System. You can see the bio-rhythm clock setting on the display in the upper left corner (33). However, if you want to change it manually, tap on the bio-rhythm clock setting and choose the desired bio-rhythm clock setting (morning, afternoon, evening or night).

The application can be started by tapping the Start button (34).

After starting an application, a "PAUSE" button (35) is displayed, which can be used to pause the current application. The application can then be continued at any time with the existing parameters by pressing the key again. Next to this is a "STOP" button (36) that can be used to terminate the current application.



9. Fast Start Programs




In addition to the parameters that can be manually set, the Smart-Pulser application provides five preset fast start programs (37) (exclusive with the S.Mat and the S.Bed applicator). Tapping one button will suffice to activate the following programs:

- **Relaxation:** longer duration with decreasing intensity
- **Performance:** short duration with higher intensity
- **Activation:** short duration with increasingly higher intensity
- **Sleep:** decreasing intensity towards lowest levels
- **Regeneration:** longer duration with very low intensity

After touching one of the five quick start buttons, the application duration is displayed. All of the necessary parameters have already been defined. Click on "Start" to begin the application.

(If the S.Brain option is also activated with a fast start program, then the displayed color (RGB setting), the frequency patterns of the goggles as well as the sound waves from the ear-phones adapt to the selected fast start program in a fully automatic fashion).

10. Settings

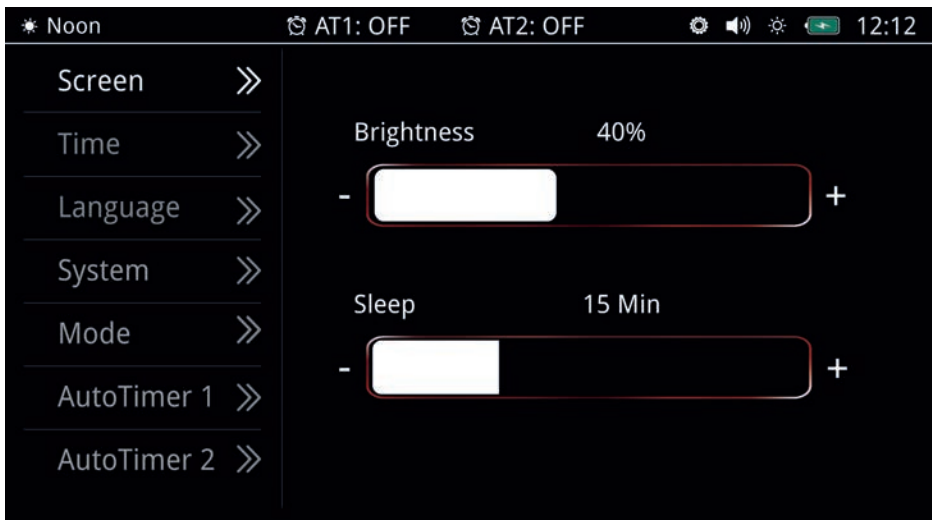
Press the settings icon () in the upper menu bar of the display to enter the settings menu of the SmartPulser-System.

10.1. Screen

Here you can set how long the display of the SmartPulser control unit remains active before it switches itself off.

Note: The possibly running application will not be interrupted.

Furthermore, you can set the brightness of the display.

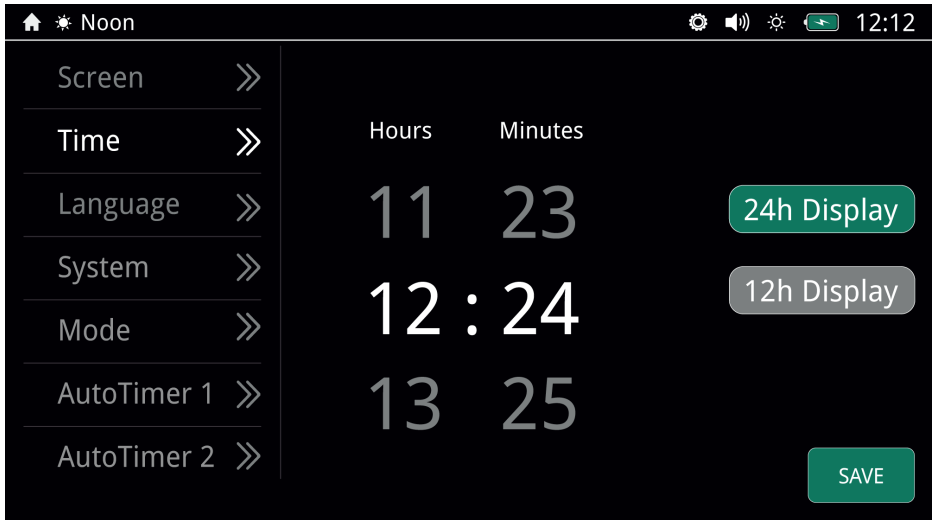


10.2. Time

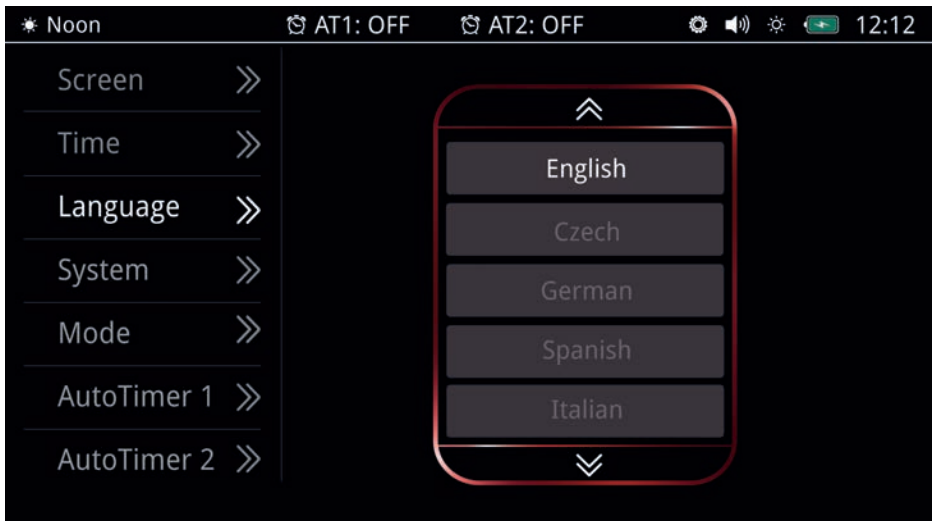
Set the correct time of day by swiping the hours and minutes display up and down until the correct time is displayed in white letters in the center. Furthermore, you can choose between a 12-hour display (am/pm) and a 24-hour display by clicking on the respective button. Click on "Save" to confirm.

NOTE: If the SmartPulser control panel is disconnected from the power supply for a longer period of time, a built-in high performance capacitor takes over the power supply for the built-in clock for up to 3 months, therefore an internal storage battery is not necessary. Only after max. 3 months the internal clock has to be reset due to lack of

voltage. For this purpose the SmartPulser control panel must be connected to the power outlet.



10.3. Language



Set your desired language by clicking on one of the language buttons.

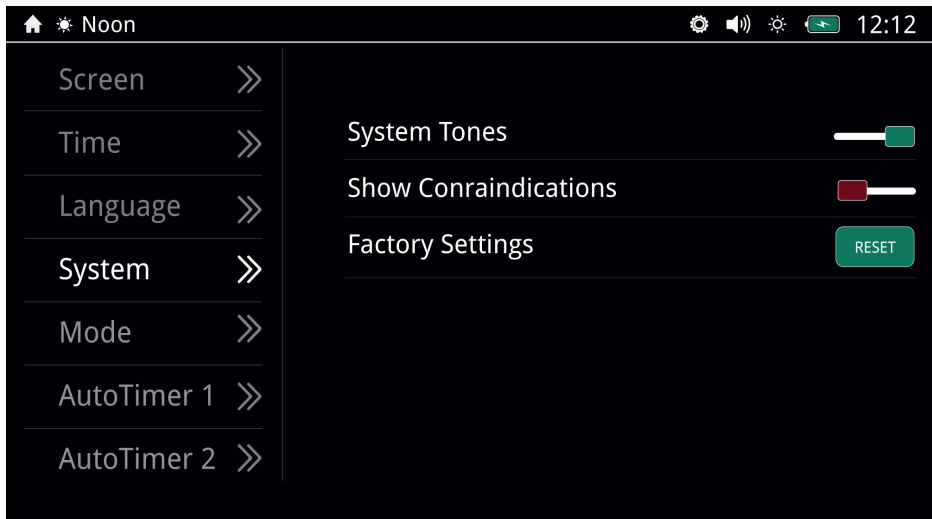
10.4. System

Here you can enable or disable system sounds.

You can also enable or disable the display of contraindications at system startup.

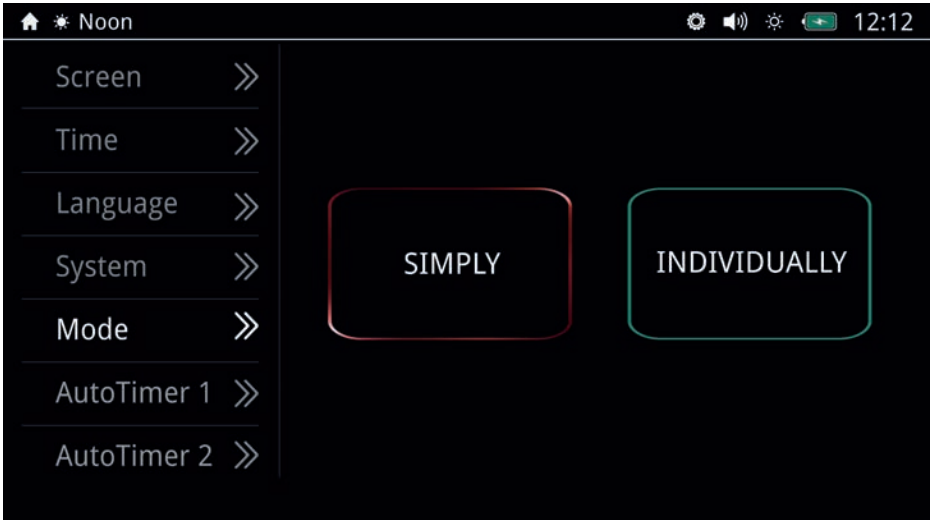
Furthermore, you can perform a factory reset to restore the system to its delivery status.

Caution: All saved settings will be lost.



10.5. Mode

In this menu item, you can switch between the two modes “Simply” and “Individually”.



10.6. AutoTimer 1 + AutoTimer 2

(automatic start of a pre-programed application)

A defined time for a later, automatically starting application (S.Bed or S.Mat) can be preselected via the AutoTimer mode.

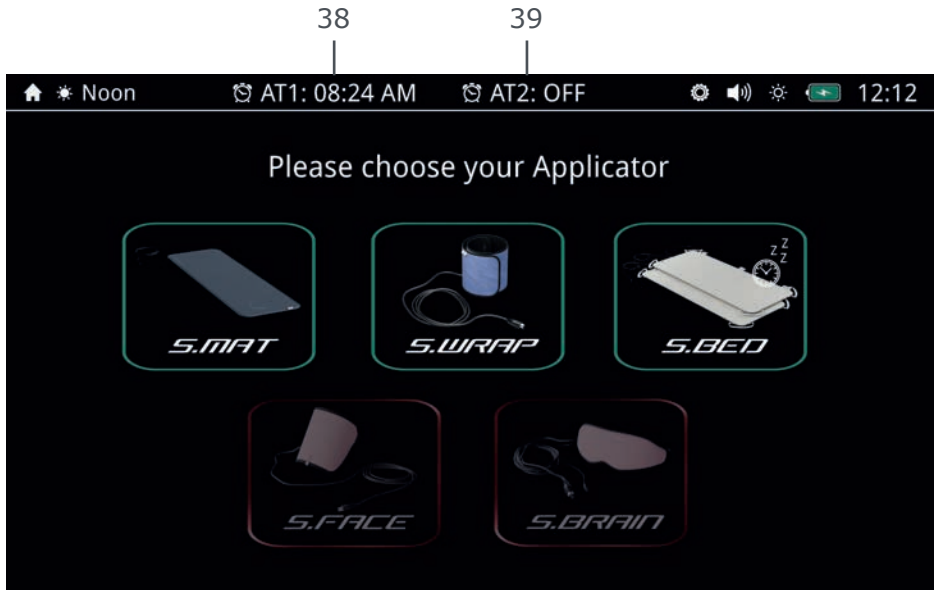
You can set two independent timers in your system. To do this, select the desired timer (AutoTimer 1 or AutoTimer 2) in the menu bar.

Select one of the fast start programs and the start time. It can be selected as 24h or 12h (AM/PM) depending on the default time setting. Activate or deactivate the auto timer by setting the slider at the bottom to "ON" or "OFF." Click "SAVE" to save the settings.



If the automatic timer mode is activated, the set time is displayed in the header of the display surface.

AT1 = Autotimer 1 (38), AT2 = Autotimer 2 (39).



11. Updating



Download the file (if you receive a ZIP file, unzip it) and copy the APK file to the empty USB drive that comes with the SmartPulser system. Plug the USB-stick into the USB socket on the back side of your SmartPulser control unit (7).

It should now state that the update has been found. Tap the „Update“ button.

IMPORTANT NOTE: Wait for about 4 minutes until the System is updated. Do not switch it off or press any buttons until the update is complete.

12. Cleaning

SmarPulser Control Unit:

Please use a dry micro-fiber cloth to clean fingerprints and skin oil from the touchscreen. You can remove most remnants with a circular motion. For rough dirt, lightly moisten the cloth and clean the affected area with that.

Note: Be very careful that water does not enter the housing, because that could lead to an irreparable defect in the control device.

13. Maintenance & Error Messages

The SmartPulser system has been designed to be maintenance free.

Potential Error Messages:

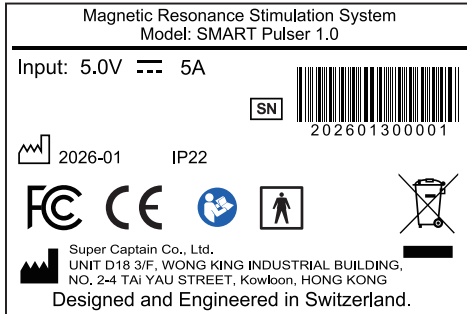
Error Message	Explanation	Solution
Error Copper Coil Connection!	There is a defect or broken wire in the applicator.	Contact after-sales service.
Error Overheat!	Internal temperature of the main controller is too high	Cool down to room temperature before restarting.
Low battery to support Control Unit!	Battery level is below 15%, applicator cannot operate.	Charge to above 15% before operation or use power supply.
Error No Applicator connected!	An applicator has not been connected, or not been connected properly.	Reconnect the applicator
S.Brain not connected!	The S.Brain applicator has not been connected, or not been connected properly (optional!).	Check the connection of the S.Brain applicator. Reconnect the applicator and make sure all plugs are fully inserted and properly aligned.

Repairs and service should only be performed by the manufacturer or your responsible distribution office.

14. Identification & Technical Data

14.1. Identification

Specification Plate for the SmartPulser:



CE-Identification:

- CE conformity marking
- FCC Declaration of Conformity
- Read and keep the operating instructions
- Applied part, Type B
- Legacy Electrical Device Act

14.2. Technical Data for the SmartPulser

Nr.	Designation	Values, unit, type and model
SmartPulser Control Unit		
1	Device type	Control Panel
2	Type designation	SmartPulser
3	Nominal voltage	DC 5.0 V
4	Nominal current	5.0 A
5	Max. voltage	DC 5.0 V

6	Avg. power consumption	25 W
7	HF frequency	None
8	Mode of use	Continuous operation
9	Construction	Portable device
10	Protection class	II
11	Application part	Type B
12	Type of moisture protection	Covered device
13	Fuse between the primary and secondary power supplies	Smart Pulsar Type JY42-050-500-SPS power supply
14	Initial voltage at the applicator box	Max. 5 V
15	Plugs for connection with the OmniMat, OmniPad and OmniSpot	DIN 5 PIN/MIN DIN 13 PIN
16	Housing	V-0
17	Field strength at the highest intensity level (400%)	< 120 μ T
18	Duration of use, selectable (using automatic deactivation)	1-60 minutes
19	Weight	670 g
20	External dimensions	214 mm x 147 mm x 63 mm
21	Temperature (in use)	+10 °C bis +40 °C
22	Temperature (stored)	-20 °C bis +45 °C
23	Air humidity (in use)	30 % - 75 % RH (without condensation)
24	Air humidity (stored)	10 % - 95 % RH (without condensation)
25	Air pressure (in use)	700 - 1060 hPa
26	Air pressure (stored)	700 - 1060 hPa
SmartPulsar Power Supply		
1	Type	JY42-050-500-SPS
2	Power supply	100-240 V~50/60 Hz 0.85 A
3	Output	DC 5.0 V 5.0 A 25.0 W
4	Cable length	1,55 m

15. Safety Instructions: Where You should be Careful

If you feel dizzy, be careful when standing up!

There are no negative reports on the application of very low intensity PEMF-Stimulation anywhere in the world. However, for reasons of safety, we recommend that people with orthostatic problems (dizziness when getting up) get up very slowly and carefully after application.

Avoid humidity:

This device may not be positioned in a damp or wet room!

Note about electromagnetic tolerance (EMC)

Electric devices are subject to special precautions in terms of EMC and must be installed and placed in operation in accordance with the EMC instructions in the included documents. Electro devices are particular susceptible to the radio frequencies of portable and mobile communications equipment, such as cell phone phones and walkie-talkies.

The manufacturer only guarantees the compliance of the device with the EMC requirement when used with the accessories listed in 3. The use of other accessories may lead to increased emissions of electromagnetic interference or to reduced resistance to such interference. The accessories listed may only be used together with the Smart-Pulser control panel from Super Captain CO.,LTD..

The device may not be operated in combination with other devices, nor be placed in a stack of, or located in the proximity, to such other devices. However, if such an arrangement is necessary, the operation of the device must be

checked to ensure that it will operate as intended when stored in this manner.

The expansion of the exposed field from the applicators will have largely abated at a distance of about 1.5 meters. People who are not receiving a session should remain outside the indicated range during the course of an application.

17. Guarantee/Warranty

Super Captain Co. Ltd. products are subject to the legally binding guarantee obligations in case of a manufacturing-related defect in material-, processing- or function, hereby the following applies:

Apparent defects:

The buyer must inspect the product immediately upon delivery (within 1-3 days) and notify apparent defects. Failing to do so eliminates the right to claim guarantee.

Hidden defects:

Hidden defects can be claimed within the legally binding guarantee period. A hidden defect has to be reported immediately after detection.

Guarantee:

The legal protections of the guarantee apply as a matter of principle. Exclusions of guarantee claims:

- Regular wear and tear
- Inappropriate handling
- Disregard of safety instructions
- Application of force
- Attempts at single-handed repair
- Use of unauthorized accessories

Warranty:

The manufacturer provides the following services and times as part of a voluntary warranty:

- **SmartPulser control unit:** 3 years
- **SmartPulser applicators (S.Mat, S.Wrap, S.Bed):** 3 years
- **SmartPulser power plug:** in accordance with statutory warranty obligations
- **SmartPulser S.Face, SmartPulser S.Brain:** in accordance with statutory warranty obligations
- **SmartPulser accessories:** in accordance with statutory warranty obligations

To make a warranty claim, you must present the original proof of purchase.

Warranty services are generally non-transferable, i.e., in the case of a private sale of a used product to a third party.

Manufacturer:

Super Captain CO., LTD.

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