

User manual
harmonizing device

Genisi



User manual version 1.0 (4 Apr 2023)

TABLE OF CONTENTS

1.	Symbols contained in the user manual and on the device	2
2.	Safety precautions	3
3.	Using the device	4
4.	Description of the device	5
5.	Turning on the device	7
6.	When you are finished using the device	9
7.	Technical parameters of the device	9
8.	Disposing of the device, storage and transportation	10
9.	Servicing and manufacturer contact details	10

SYMBOLS CONTAINED IN THE USER MANUAL AND ON THE DEVICE



Consult and follow the user manual.



CE marking indicating the product has been assessed before being placed on the EEA market – the product complies with applicable EU legislation.



Manufacturer.



Serial number.



The device may interfere with the function of implanted electronic devices such as pacemakers and cardioverter-defibrillators. People using such or similar equipment must not use the harmonizing device.



Class II power supply.



For indoor use only.



Protect from moisture.



Electronic waste. When the product reaches the end of its life, it must not be discarded into municipal waste.

SAFETY PRECAUTIONS

- a) This device may be used by children over the age of 8. People with decreased physical and/or mental ability, people with impaired perception and those lacking experience and/or expertise may only use the device under supervision or after being trained to use the device safely and advised of potential dangers. Children must not play with the device. Cleaning and user maintenance of the device must not be performed by an unsupervised child.
- b) The device may only be powered by the power supply received together with the device. No other power supply may be used.
- c) Only use the applicators that are supplied with the device.
- d) The device and accessories must be checked routinely for damage before each use.
- e) None of the components of the device should be exposed to heat, moisture or aggressive environment.
- f) If you have just taken the device from a cold to a warm space, let it warm up to room temperature before starting it as condensed moisture inside the device may damage it. Do not use the device until the condensed moisture evaporates. This takes approximately 1 hour.
- g) During application of a pulsed electromagnetic field (PEMF), applicators can damage some electronic and memory devices placed very close to them, such as wristwatches, televisions and magnetic storage mediums (floppy discs, cassettes, flash drives). Safe distance from applicator is one meter (3.28 ft).
- h) If you need assistance with installation, setting or using the device, please contact the manufacturer or sales representative.
- i) In certain cases, it may be necessary to consult your specialist doctor about using the device.
- j) Do not tamper with the device or its components as that will invalidate your warranty. Please, contact a specialist service centre.

Do not use the device:

- a)** If you are a user of sensitive electronic equipment such as pacemaker, implantable cardioverter-defibrillator, cochlear implant (in the head, neck or upper torso area) or implanted insulin pump.
- b)** In pregnancy. Although no adverse effects on pregnant women have been shown, pregnant women are prohibited from using the device as a safety precaution.
- c)** If you are bleeding (regardless of the cause). The device promotes blood circulation in tissues. This may, in some cases, exacerbate the bleeding.
- d)** If you are experiencing pain of unknown origin.
- e)** If you are unsure about anything, please contact the manufacturer.

The device may be used, but caution is advised:

- a)** Patients with hyperfunction (increased function) of endocrine glands should not apply a PEMF to the respective area.
- b)** Patients diagnosed with a tumour, patients who have had a malignant tumour surgery, and patients on chemotherapy or radiotherapy should consult their physician prior to application.
- c)** In patients with an infectious disease and a body temperature exceeding 38 °C (100.4 °F).
- d)** A doctor's consent is required if a patient is suffering from active tuberculosis.
- e)** Patients with neurological disorders accompanied by seizures (e.g. epilepsy) should not apply a PEMF to the head area (unless a neurologist recommends otherwise).
- f)** In patients with serious mycotic (fungal) diseases.
- g)** Combining magnetic therapy and radiotherapy is not recommended.
- h)** If you are unsure about anything, please contact the manufacturer.

USING THE DEVICE

- a) Storage – your Genisi device is classed as electronic waste. When it has reached the end of its life, it must not be discarded into municipal waste. Please, return the device to the manufacturer who will ensure safe disposal. Alternatively, the device may be taken to a waste, reuse and recycling centre that collects electronic waste.
- b) Cleaning – the device may be cleaned with standard disinfectant products. Using solvent-based cleaning agents is not recommended as these can damage the surfaces of the device. Wipe with a damp cloth soaked in warm water (with soap or similar cleaning agent) and allow the device to dry. Always disconnect the device from the power supply before cleaning it.
- c) Damage prevention
 - a) Generator: Protect it from falling on the ground. Only use the power supply that came with the device.*
 - b) Applicators: Refrain from applying excessive pulling tensions as that can damage the cables. When disconnecting always hold the solid body of the applicator's end connector. Do not unplug the connector by pulling at the connector's spring. Do not bend the applicator outlet over 90°. Small flat applicators should not be bent outside bend areas. Hard sections of a large back applicator should not be bent more than 30°. Do not connect to devices other than the supplied generator.*
- d) To ensure lasting effects apply a PEMF at least twice or three times a day for at least a few weeks.
- e) Make sure you drink enough fluids prior to application of a PEMF or have a glass of water just before application.
- f) People with low or high blood pressure may experience a sudden blood pressure drop. We recommend patients remain seated or lying down during application and stand up no less than 5 minutes after application is finished. It may be advisable for this reason to shorten the length of the programme or lower the intensity of the PEMF.

- g) Approximately 10 % of people may experience a temporary deterioration in their condition. This is similar to what some patients experience in the spa. Whilst this is by no means a reason to discontinue the treatment, decreasing the intensity of the PEMF to as little as 10 %, shortening the length of the programme or reducing the number of sessions per day may be advisable until this temporary sensitivity disappears.
- h) If you need assistance with installation, setting or using the device, please contact the manufacturer or sales representative.
- i) The manufacturer is not liable for any damage or injury caused by the device being used improperly.
- j) The use of this device should sensibly be included in a complex patient health care plan. It is perfectly suitable to be combined with any traditional medical procedures except those that rely on radiation, X-rays or any other type of ionizing radiation.

4

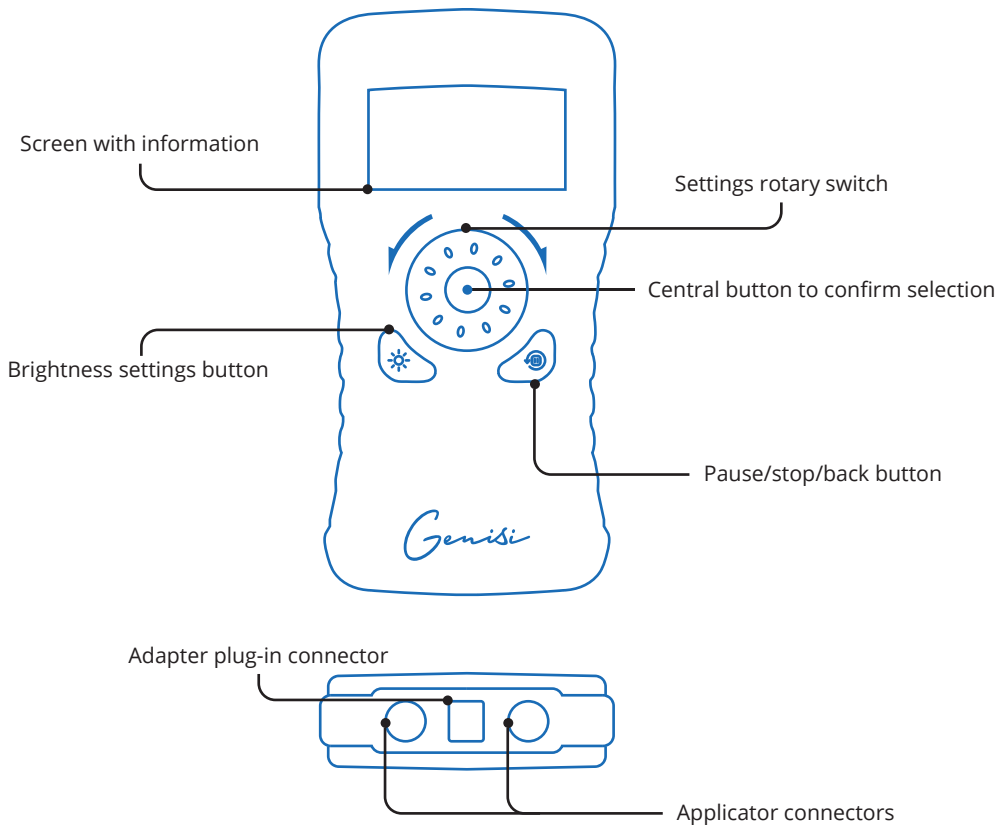
DESCRIPTION OF THE DEVICE

Your Genisi device includes a Duo2 pulse generator, applicators and a power supply depending on the selected treatment set, as well as a magnetic field tester and user manual.

Your portable Genisi device with applicators and a Duo2 pulse generator is intended for harmonization and relaxation of the human body at home using pulsed electromagnetic fields. The use of this device should sensibly be included in a complex patient health care plan. Please, study carefully the safety precautions and precautions for using the device in Chapters 2 and 3 of your user manual before using the device.

Duo2 pulse generator:

A pulse generator is a device that generates electrical pulses of prescribed parameters. These are in turn transformed into magnetic pulses by the applicator. Controlled by a microprocessor, the generator is the brain of the device. Important data is displayed on the screen. The generator becomes slightly warmer when used – this is not a sign of a defect. The generator features the Duo2 technology, which relies on two independent outlets for applicators.












Programs and applications:

Your device features 4 harmonizing programmes H1, H2, H3 and H4 as well as 3 pain-relieving programmes P1, P2 and P3. Further information in Chapter 5: Turning on the device.

Applicators:

The applicator is that part of your device where a magnetic field is created as a result of electrical impulses generated by the generator. Applicators are connected to the generator by disconnectable cables, which means they can be placed on a user in any position (lying on the back or stomach, sitting etc.).

BECCO	<p>Type: flat folding belt-like applicator VYLEN® cold polyurethane foam/ Material: MOLITAN® polyurethane foam/skai® Tundra leatherette Dimensions: 700x215 mm (approx. 27.56x8.46 in) / 4 coils</p>	
LETTINO	<p>Type: flat folding semi bed-like applicator VYLEN® cold polyurethane foam/ Material: MOLITAN® polyurethane foam/skai® Tundra leatherette Dimensions: 315x1,005 mm (approx. 12.4x39.57 in) / 4 coils</p>	
CASSO	<p>Type: flat folding bed-like applicator VYLEN® cold polyurethane foam/ Material: MOLITAN® polyurethane foam/skai® Tundra leatherette Dimensions: 550x1,700 mm (approx. 21.65x66.93 in) / 4 coils</p>	
VIERA	<p>Type: large circular applicator KG-System PVC® profile/ Material: ABS/skai® Tundra leatherette Diameter: 675 mm (approx. 26.57 in) / 1 coil</p>	
MANIC	<p>Type: flat applicator for targeted local application VYLEN® cold polyurethane foam/ Material: MOLITAN® polyurethane foam/skai® Tundra leatherette Dimensions: 170x215 mm (approx. 6.69x8.46 in) / 1 coil</p>	
PIANO	<p>Type: flat back applicator VYLEN® cold polyurethane foam/ Material: MOLITAN® polyurethane foam/skai® Tundra leatherette Dimensions: 450x490 mm (approx. 17.72x19.29 in) / 1 coil</p>	

CAVO	<p>Type: large circular applicator <i>KG-System PVC® profile/ Material: ABS/skai® Tundra leatherette Diameter (external): 260 mm (approx. 10.24 in) / 1 coil</i></p>	
FULMIO	<p>Type: cylindrical applicator for local targeted application <i>KG-System PVC® profile/ Material: ABS/skai® Tundra leatherette Length (external): 174 mm (approx. 6.85 in) / 1 coil</i></p>	
VITALITY	<p>Type: mattress-like <i>Filling: T3530 and VISCO5060 Cover: Biorytmus Dimensions: 2,000x800x220 mm (approx. 78.74x31.5x8.66 in) / 8 coil</i></p>	

5

TURNING ON THE DEVICE

Controlling the device prior to starting application:

- a) Power supply: The device becomes operational by plugging in the power adapter connector to the generator, which is then put in a socket. An acoustic signal will indicate the generator has been plugged into a power supply. The generator screen will show the Genisi logo and will subsequently read "PLEASE CONNECT APPLICATOR". Two pictograms will show on the screen after plugging in at least one applicator. The logo in the dark background is the cursor. The main menu can be accessed by selecting the left pictogram. Press the rotary switch to confirm selection. The extended menu is found under the right logo. More information about the main and extended menu available in Chapter 5 (f). If the generator remains connected to the power supply but is no longer used, it turns on the power saving mode and turns off the screen after three minutes of inactivity. The power saving mode can be switched off by pressing any button.

- b)** Connecting applicator(s): Select the right applicator type and plug in at least one applicator to the connector at the bottom of the generator. If no applicator is plugged in, the screen will read “PLEASE CONNECT APPLICATOR”. Depending on whether one or two applicators are plugged in to the bottom of the device, the generator will automatically offer selection of a programme for one or two channels. The screen will read “CONNECTED APPLICATORS”. Plugged-in applicators are detected in the bottom corners of the screen. This is where it is indicated if applicator A and/or applicator B is connected. When this is done, please proceed to section d) below: Programme selection.
- c)** Using two applicators: If both applicators are plugged in, the generator asks you if you want to keep the same settings for the second channel as well. This can be confirmed by pressing the centre of the rotary switch. If you choose not to keep the same settings for the second channel, the programme can be set in the same way as the first one.
- d)** Programme selection: Rotate the rotary switch to select the right programme and then confirm your selection by pressing the button in the centre of the rotary switch. There are 7 different programmes to choose from. H4 and P3 programmes are special programmes with prescribed parameters, and therefore their lengths cannot be changed. P3 programme has a prescribed length of 40 minutes, which cannot be changed. The remaining programmes are set to a default length of 30 minutes, which can be changed.

- H1 – activates body regeneration processes, promotes healing and detoxification, and helps fight fatigue. Application length: 30 minutes (can be changed); swept frequency of 5-45 Hz
- H2 – a great choice for patients with health issues resulting from inflammation, a low frequency suitable for users experiencing a temporary deterioration of their condition at the beginning of treatment (similar to what some patients experience in the spa). Application length: 30 minutes (can be changed); swept frequency of 2-25 Hz
- H3 – improves blood circulation in tissues, promotes the supply of oxygen and nutrients. Application length: 30 minutes (can be changed); swept frequency of 35-60 Hz
- H4 – “wellness” application that reduces fatigue, accelerates post-workout muscle recovery, helps to relieve tension and relax. Application length: 30 minutes (fixed); swept frequency of 5-45 Hz
- P1 – analgesic programme of first choice. Application length: 30 minutes (can be changed); fixed frequency of 75 Hz

- P2 – a great choice for patients with health issues resulting from inflammation or those not responding to P1; low frequency. Application length: 30 minutes (can be changed); swept frequency of 3 ± 1 Hz
- P3 – combined programme with a muscle relaxing (myorelaxant) feature; an excellent choice for patients with muscle pain, also suitable for the back area. Application length: 40 minutes (fixed); fixed and swept frequency of 2-72 Hz

- e) Length and intensity: Once you have selected the right programme, you can go on to set the length and intensity of one application. The default application length is 30 minutes, which can be shortened or extended depending on the requirements of each patient – the maximum length is 90 minutes and the length can be set in the unit of 1 minute. The following step is to select intensity. The default application intensity is 100 %, which can be reduced to as little as 10 %. All programmes allow reducing intensity. If you wish to use both applicators, please return to section 5 (c): Using two applicators.
- f) Main and extended menu: The main menu contains all the programmes listed above. An extended menu is not specified, please contact the manufacturer. This feature is currently under development.

Controlling the device during application:

- a) Using two applicators during application: If the second applicator is plugged in while a programme is already running, the second applicator will start a programme with the same settings as the first applicator.

Applicator alerts displayed on the screen during application: press the central button while a programme is running to see the remaining time; by pressing the button you can choose between readings for applicator A and B. The text in the dark background is the cursor. If different lengths are selected for each applicator, the applicator running the programme that finishes the first will send an alert that reads “FINISHED”.

- b) Info, pause, restart: If both applicators are being used, you can switch between information displayed on the screen about the programme running on the first and second channel by pressing or holding the left button for a period shorter than 5 seconds. By pressing the right button without holding it, you can pause the generator and then by pressing the same button again you can reactivate the generator. The current programme can be switched off and you can return to the default settings by holding the right button for five seconds. The rotary switch is inactive and is not used during application.

- c) Function of plugged-in applicators, disconnection: If you are using two applicators and one of them is unplugged, the pulse generator will notify you by a short beep and continue running the programme using the remaining applicator. If you also disconnect the second applicator, the alert "PLEASE CONNECT APPLICATOR" will show on the screen and application will only resume after at least one applicator is plugged in.
- d) Checking if applicator(s) work(s): start a programme and then place the magnetic field tester supplied with your device close to the applicator. If the tester vibrates gently in your hand, the applicator is working as it should. If you feel no vibrations, the applicator is not producing a magnetic field and you should contact the manufacturer's service department.

Brightness settings, eco mode:

The left button allows you to regulate brightness, helping you to save energy and ensuring visual comfort in dark environments. The button offers 4 brightness options. The default brightness is 100 %. The second option is 70 %, the third option is 40% and the last option is 15 % with muted sound. Each change in brightness is accompanied by an alert stating the current brightness and if the lowest level of brightness is selected, deactivation of sound is also notified.

End of application:

Where a programme is finished automatically by the generator after running for a set amount of time, an acoustic signal will be heard indicating the programme has finished and the screen will read "FINISHED".

WHEN YOU ARE FINISHED USING THE DEVICE

If a programme is finished by the generator after running for a set amount of time, an acoustic signal will be heard indicating the programme has finished (please note if screen brightness is set at 15 %, no acoustic sound will be produced). The screen will read "FINISHED" and subsequently brightness will automatically set to 70 %. After 3 minutes, the screen backlight turns off. The screen can be reactivated by pressing any control button. If you need to reactivate the generator, press any control button. When you are finished using the device, please disconnect the generator by unplugging the connector, remove the network adapter plug from the 230V/50Hz socket and disconnect the applicator(s).

TECHNICAL PARAMETERS OF THE DEVICE

Network adapter for standard sets	
Voltage, current	100-240 V~ / 50-60 Hz, 0.6 A
Protection class, IP rating	II, IP20
Environment	For indoor use only
Type	UE24WV-180130SPA
Secondary voltage and current	18 V- / 1,3A
Electrical power	24 VA
Weight	160 g (approx. 0.35 lb)

Network adapter for extended sets and Vitality applicator

Voltage, current	100-240V~ / 50-60 Hz, 1,5A
Protection class, IP rating	II., IP20
Environment	For indoor use only
Type	YS50-1802200M
Secondary voltage and current	18 V- / 2,2A
Electrical power	40 VA
Weight	270 g (approx. 0.6 lb)

Pulse generator

Electrical power	20-40 VA (depending on network adapter used)
Rated voltage	18 V = (from adapter)
Guaranteed frequency range	1-100 Hz
Maximum magnetic flux density	40mT
Magnetic flux density (root mean square)	2mT
Impulse waveform	rectangular
Dimensions	175 × 90 × 28 mm (approx. 6.89x3.54x1.1 in)
Weight	280 g (approx. 0.62 lb)
Alerts	Acoustic signal + information on screen
End of programme	Acoustic signal + information on screen
Memory	EEPROM
Programme lengtht	Depending on programme, can be set to last from 1 to 90 minutes

DISPOSING OF THE DEVICE, STORAGE AND TRANSPORTATION

Your Genisi device is classed as electronic waste. When it has reached the end of its life, it must not be discarded into municipal waste. Please, return the device to the manufacturer who will ensure safe disposal. Alternatively, the device may be taken to a waste, reuse and recycling centre that collects electronic waste.

It is recommended the device is stored and transported in the original packaging, in a covered dry place and not exposed to chemically aggressive environments or extreme temperatures.

SERVICING AND MANUFACTURER CONTACT DETAILS

Warranty and post-warranty servicing can only be done by the manufacturer or an authorized service centre. If you wish to make a complaint or need professional servicing of your device, please contact the manufacturer:

ZES Brno, a.s.
Sladovnická 518/4
620 00 Brno, Czech Republic, EU
Company ID: 49969510
www.zes.cz
e-mail: vyroba@zes.cz

NOTES

NOTES

NOTES



Genisi



QR code

