



Meditech Europe

Operating Manual

Dual Earth Frequency Generator (DEFG)



Translation of original manual
Version EN V5 2025/07



Meditech Europe

Live in Harmony

Project details : July 2025

Trade name : Meditech Europe BV
Product name : Dual Earth Frequency Generator (DEFG)
Type : 500059
Power : 3 V (2 x 1.5 V battery)

Manufacturer : Meditech Europe BV
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Revision index : V5
Revision date : 2025/07



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1 About this Operating Manual

This operating manual should be read before using the Dual Earth Frequency Generator (DEFG) for the first time, or when carrying out work on it as an authorised technician. Please contact Meditech Europe if you have any questions.

Please pay particular attention to chapter 2, "General Safety Instructions".

1.1 General

The instructions in this manual are intended to familiarise you with the DEFG and ensure that you can make the most of this product's functions.

The operating manual contains important notes for safe and proper use and operation of the DEFG. This will contribute to:

- Avoiding hazards
- Avoiding repair costs and device failure
- Extending the reliability and service life of the product

These instructions should be read and applied by any person authorised to work on the DEFG and over 18 years of age.

In addition to this Operating manual, the regulations on accident prevention and environmental protection as applicable in the respective country of use and location of application must be observed.

1.2 Warning signs



Non-ionising radiation

This means the device emits low-energy radiation from radio waves and radio frequencies.



2 General safety instructions

2.1 Principles

When in doubt, please always contact Meditech Europe.

Do not use the DEFG in damp rooms. Avoid heat and cold.

The DEFG creates the frequencies 7.83 Hz and 3.92 Hz. No rights can be derived from the use of the DEFG, nor can any claims be made as a result of its use. Use of the DEFG is at the sole risk and expense of the user.

Cleaning the DEFG: use a dry cloth. For stubborn stains, a damp cloth can be used. Ensure the battery holder does not get wet.

If in doubt about the use of the DEFG, please always contact Meditech Europe BV by phone: 0031 (0)527 292331 or email: info@meditecheurope.nl.

Meditech Europe is not liable for misuse, improper use or any damage caused by any use other than described in this manual. In case of disputes, Dutch law applies.

2.2 Intended use

The Dual Earth Frequency Generator (DEFG) creates the frequencies 7.83 Hz and 3.92 Hz.

2.3 Staff selection and qualification

The DEFG is manufactured for Meditech Europe in Emmeloord (The Netherlands). Meditech Europe uses only competent and certified manufacturers.

2.4 Safety instructions

Always use the DEFG in a dry room.

Ensure that the DEFG does not come into contact with heat sources such as fireplaces, gas stoves, open flames, etc.

If the product is damaged, it should be repaired by Meditech Europe.



2.5 Emergency measures

If a fire breaks out, use a fire extinguisher suitable for electronic equipment.



3 Scope of delivery

1x Dual Earth Frequency Generator



4 Technical description

4.1 Overview

The DEFG creates the frequencies 7.83 Hz and 3.92 Hz.

4.2 Model plate



Fig. 4.2 Model plate

Supplier	: Meditech Europe BV
Details	: Type and capacity
Batch ID	: Unique per batch



5 Transport

The DEFG should be handled with care.

5.1 Prior to transport

Meditech Europe carefully packages the DEFG once scheduled for transport or pick-up.

5.2 Transporting the device

The DEFG should be transported in protective packaging.

5.3 Unpacking the device

The DEFG should be unpacked carefully, without using any sharp tools. Do not drop the device, it is fragile.



6 Operating the device

6.1 Operating the device

Place 2 AAA batteries.

To avoid processor start-up problems, keep the button pressed when inserting the batteries. When the button is released, the yellow and green lights both come on for about 1 second.

7.83 Hz active mode - When the green light starts flashing every half-second, the DEFG is in 7.83 Hz active mode. The device will remain in this mode and will not turn off automatically.

3.92 Hz night mode - Press the button again and hold for at least 3 seconds. Both lights will flash. The DEFG is now in the 3.92 Hz night mode. After half an hour, this mode changes to the 7.83 Hz active mode.

3.92 Hz night mode - Press the button again and only the yellow light will flash. Now the 3.92 Hz night mode is enabled. After 30 minutes, the device switches off.

Switching off - Pressing the button again causes both lights to flash alternately and the appliance switches off after one second.

Pressing the button again turns the DEFG back on and it is directly in the 7.83 Hz active mode. Now only the green light flashes.

6.2 Battery replacement

Unscrew the screw at the back of the DEFG and replace the batteries. Check that the batteries are inserted correctly, the + and - in the correct position. Place both parts back exactly on top of each other and tighten the screw.



7 Assistance with malfunctions

If the device does not work according to the steps mentioned in chapter 6, it can be reset. Remove the batteries from the device and start again by following the steps mentioned in chapter 6.



8 Decommissioning

8.1 Disposal and recycling

Contact Meditech Europe for disposal and recycling of the DEFG. Meditech Europe is happy to accept all products for disposal and recycling in accordance with environmental regulations.

Contact the local authorities if you, the user, wish to dispose of the product yourself.



9 Warranty

Meditech Europe gives a 2-year warranty on the DEFG.

The warranty lapses in case of improper use or damage.

Meditech Europe is not liable for misuse, improper use or any damage caused by any use other than described in this manual.

Service address

Meditech Europe BV

Daalder 14

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10 EC Declaration of Conformity

**Meditech Europe**

EC DECLARATION OF CONFORMITY

This declaration is issued under the complete responsibility of the manufacturer

MANUFACTURER

Company name:	Meditech Europe
Full address:	Daalder 14
Postcode:	8305 BE
City:	Emmeloord
Country:	Netherlands
Person authorized to compile the technical file:	Ms. J. Kraaij / Operational Director

MACHINE DESCRIPTION AND IDENTIFICATION

Generic name:	Dual Earth Frequency Generator (DEFG)
Function:	The Dual Earth Frequency Generator (DEFG) creates the frequencies 7.83 Hz and 3.92 Hz.
Type:	500059
Commercial name:	Dual Earth Frequency Generator (DEFG)

AGREEMENT

The manufacturer declares that the above machine complies with all applicable provisions of the

RoHS Directive 2011/65/EU & Delegated Directive (EU) 2015/863

Whereby the following harmonized standards and where appropriate technical standards and specifications have been used

EN ISO 12100:2010; EN IEC 63000:2018; EN 61000-6-1:2007; EN 61000-6-3:2007 /A1:2011; EN 60335-1:2012 /A15:2021; NEN 5509:2016; EN 60529:1991 /AC:2016

City:	Emmeloord, Netherlands	Name:	Mr R. Frankhuisen
		Position:	Owner
Date:	1 February 2024	Signature:	