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› PEMENOL Schumann Frequency Generator (Model GY21786-1) Instruction Manual

PEMENOL GY21786-1

PEMENOL Schumann Frequency Generator

Model: GY21786-1 - Instruction Manual

1. INTRODUCTION

This PEMENOL Schumann Frequency Generator is designed to produce adjustable sine wave frequencies ranging from 0.1 Hz to 100,000 Hz, including the natural 7.83 Hz Schumann frequency. It features a digital display and a USB power input, making it a versatile device for various environments. Frequencies below 20 Hz are infrasound and are not audible to the human ear, meaning the device operates silently in the background. Please note that this product has no medical effect and does not promise specific health improvements. Use it consciously and appropriately.



Figure 1: The PEMENOL Schumann Frequency Generator is compact and portable, designed for use in various settings.

2. PRODUCT OVERVIEW AND COMPONENTS

The PEMENOL Schumann Frequency Generator consists of several key components for its operation and user interaction.

Detailbeschreibung eines Schumann-Welle-Generators

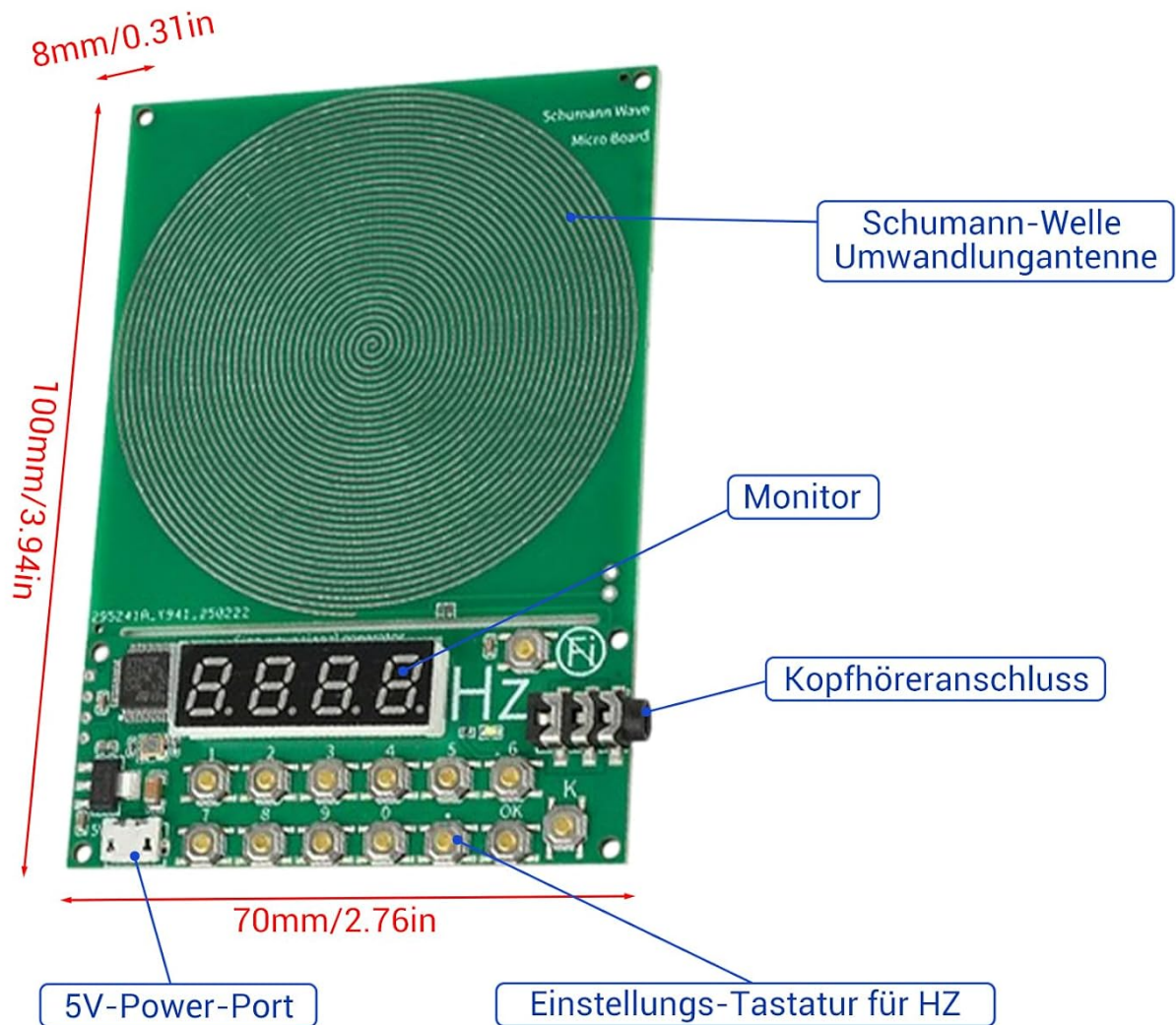


Figure 2: Component identification of the Schumann Frequency Generator.

- **Schumann Wave Conversion Antenna:** The circular trace on the circuit board responsible for emitting the Schumann waves.
- **Monitor (Display):** A digital LED display showing the current frequency setting.
- **Headphone Jack:** An audio output port for connecting headphones or external speakers to perceive frequencies above 10 Hz.
- **5V Power Port (USB):** The input port for connecting the device to a 5V USB power source.
- **Adjustment Keypad for Hz:** Buttons used to set and adjust the output frequency.



Figure 3: Close-up view of the digital display and spiral antenna on the circuit board.

3. SETUP

1. **Power Connection:** Connect the device to a 5V USB power source using the provided USB cable. A permanently lit or blinking light on the device indicates that it is operational.
2. **Placement:** Place the generator at a distance of approximately 1 to 3 meters from yourself. Ensure it is positioned away from other electronic devices to minimize potential interference and ensure optimal performance.

4. OPERATING INSTRUCTIONS

Follow these steps to operate your Schumann Frequency Generator:

Benutzungsmethode

1.USB-Anschluss zur Stromversorgung.

2.Frequenz einstellen: Zum Beispiel [7], [8], [3] drücken und dann auf OK-Taste drücken, um eine Ausgabefrequenz von 7,83 Hz zu erhalten. Einstellbarer Bereich beträgt 0.01 - 100000 Hz.

3.Platziere das Gerät in einem Bereich von 1 bis 3 Metern und halte es weg von elektronischen Geräten, um seine Wirkung zu gewährleisten.



Figure 4: Step-by-step guide for operating the frequency generator.

1. **Connect to Power:** Ensure the device is connected to a stable 5V USB power source.
2. **Adjust Frequency:** Use the keypad to set your desired frequency. For example, to set 7.83 Hz, press the keys [7], [8], [3], and then [OK]. The adjustable range is from 0.1 Hz to 100,000 Hz. Digital circuits are used to enhance interference resistance and system stability.
3. **Direct Application:** For frequencies below 20 Hz, the output is infrasound and inaudible. The device generates a quiet magnetic field.
4. **Using Headphones/Speakers:** If you wish to perceive frequencies above 10 Hz, connect headphones or external speakers to the headphone jack. **Important:** Always set the desired frequency first, then put on your headphones. Only use headphones if the tone is comfortable.

**Audioanschluss gibt
Schumann-Welle-Signale aus,
Frequenzen können über Kopfhörer
wahrgenommen werden.**



**1. Direkte Anwendung:
Frequenzen unhörbar –
Magnetfeld ruhig
wahrnehmen.**

**2. Kopfhörer: Frequenzen
>10 Hz NICHT mit
Kopfhörern nutzen.
Frequenz erst
einstellen, dann
Kopfhörer aufsetzen –
nur bei angenehmem
Ton.**



Figure 5: The device can output Schumann wave signals via an audio connection, allowing frequencies to be perceived through headphones.

5. USAGE RECOMMENDATIONS

The effects of Schumann waves are best experienced with regular and prolonged use. We recommend the following usage patterns:

Weite Anwendung



Figure 6: The Schumann Frequency Generator is suitable for wide application in various settings.

- **Recommended Duration:** Ideally, operate the device for over 8 hours daily (e.g., overnight). Allow yourself and your environment approximately 2-4 weeks to adapt to the frequency field.
- **Continuous Operation Mode:** For a continuous, stable frequency field in your living or working space, operate the device 24 hours a day without interruption.
- **Specific Usage Times:**
 - **Bedtime:** Turn on the device approximately 1 hour before going to bed and let it run until the next morning.
 - **Work/Study Time:** Activate it during periods of concentrated work or study in the morning or afternoon.
 - **Relaxation Time:** Specifically turn it on during evening relaxation or meditation sessions.

6. SPECIFICATIONS

Feature	Detail
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Manufacturer	PEMENOL
Part Number	GY21786-1
Item Weight	60 g
Package Dimensions	12.8 x 8.2 x 2.7 cm
Model Number	GY21786-1
Measurement Accuracy	+/- 0.5%
Included Components	Main Unit (Circuit Board)
Batteries Included	No
Batteries Required	No
First Available Date	15. April 2025

7. MAINTENANCE

To ensure the longevity and optimal performance of your PEMENOL Schumann Frequency Generator, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the device with a dry, soft cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the surface or internal components.
- **Storage:** Store the device in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Handle the device with care to prevent physical damage. Avoid dropping it or exposing it to strong impacts.
- **Power Supply:** Always use a compatible 5V USB power supply. Disconnect the power when the device is not in use for extended periods.

8. TROUBLESHOOTING

If you encounter any issues with your Schumann Frequency Generator, please refer to the following common troubleshooting steps:

- **Device Not Powering On:**
 - Ensure the USB cable is securely connected to both the device and a working 5V USB power source.
 - Try using a different USB cable or power adapter to rule out a faulty accessory.
- **Display Not Showing Frequency:**
 - Verify the device is powered on.
 - Press the 'OK' button after entering a frequency to confirm the setting.
- **No Sound from Headphones/Speakers:**
 - Ensure headphones or speakers are properly plugged into the headphone jack.
 - Check that the frequency set is above 10 Hz, as lower frequencies are inaudible.
 - Test headphones/speakers with another device to confirm they are working correctly.
- **Unstable Operation:**

- Ensure the device is placed away from strong electromagnetic interference sources.
- Restart the device by disconnecting and reconnecting the power.

If these steps do not resolve the issue, please refer to your purchase documentation for support contact information.

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, returns, or technical support, please refer to the documentation provided with your purchase or contact the retailer/manufacturer directly. Keep your proof of purchase for any warranty claims.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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