

VQVRTPIA SMJAC03

VQVRTPIA SMJAC03 Schumann Resonance Pulse Sine Wave Generator User Manual

Model: SMJAC03

1. INTRODUCTION

The VQVRTPIA SMJAC03 is a Schumann Resonance Pulse Sine Wave Generator designed to produce electromagnetic waves within a specific frequency range. This device is capable of generating both sine and pulse waveforms, with a primary focus on the Schumann Resonance frequency of 7.83Hz. It features a wide adjustable frequency range from 0.01Hz to 100KHz and includes a memory function to save the last set frequency upon power off. This manual provides essential information for the proper setup, operation, and maintenance of your SMJAC03 generator.

2. PRODUCT OVERVIEW

The SMJAC03 generator features a compact design with an acrylic shell, an LCD display, and a keypad for frequency adjustment. Key components include:

- **Schumann Wave Signal Transmitting Antenna:** The primary component for emitting the generated waves.
- **LCD Display:** Shows the current frequency and operational status.
- **Keypad:** Used for inputting and adjusting the desired frequency.
- **DC 5V Power Interface:** For connecting the power supply.
- **3.5MM Audio Output Port:** Provides an audio signal output of the generated waveform.



Figure 2.1: Front view of the VQVRTPIA SMJAC03 Schumann Resonance Generator, showing the circular antenna, LCD display, and keypad.

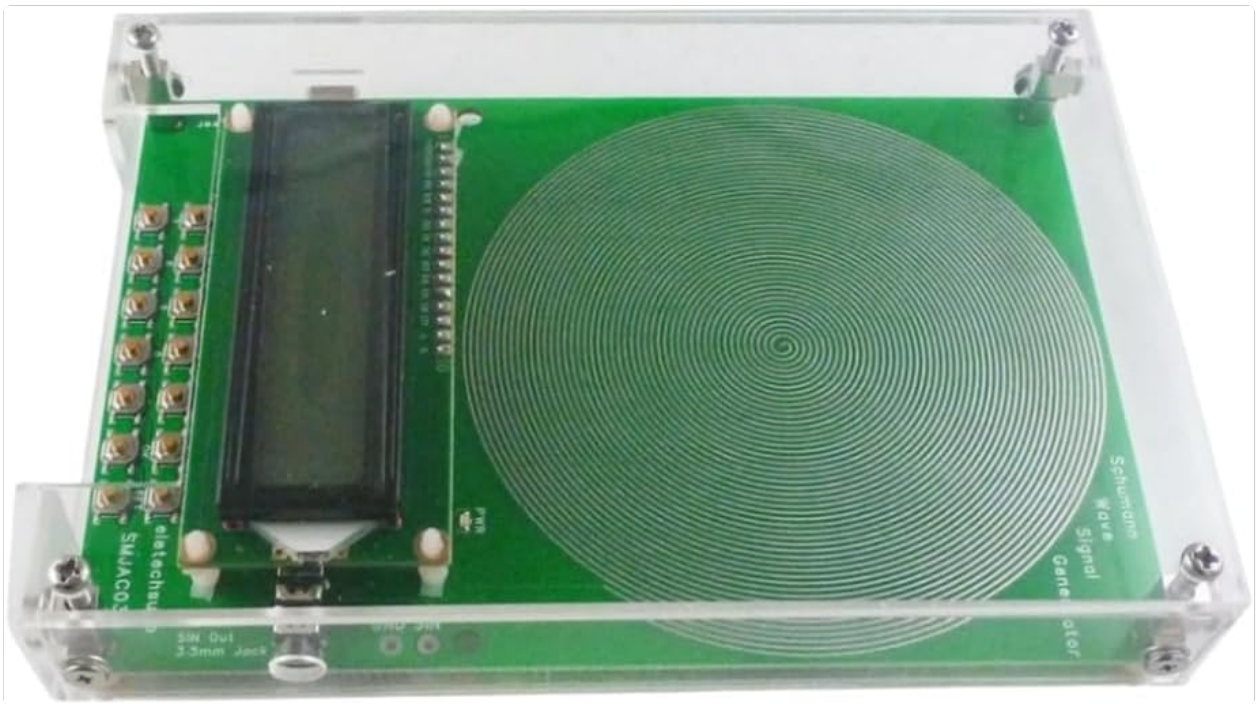


Figure 2.2: Side view of the VQVRTPIA SMJAC03, highlighting the acrylic shell and compact form factor.

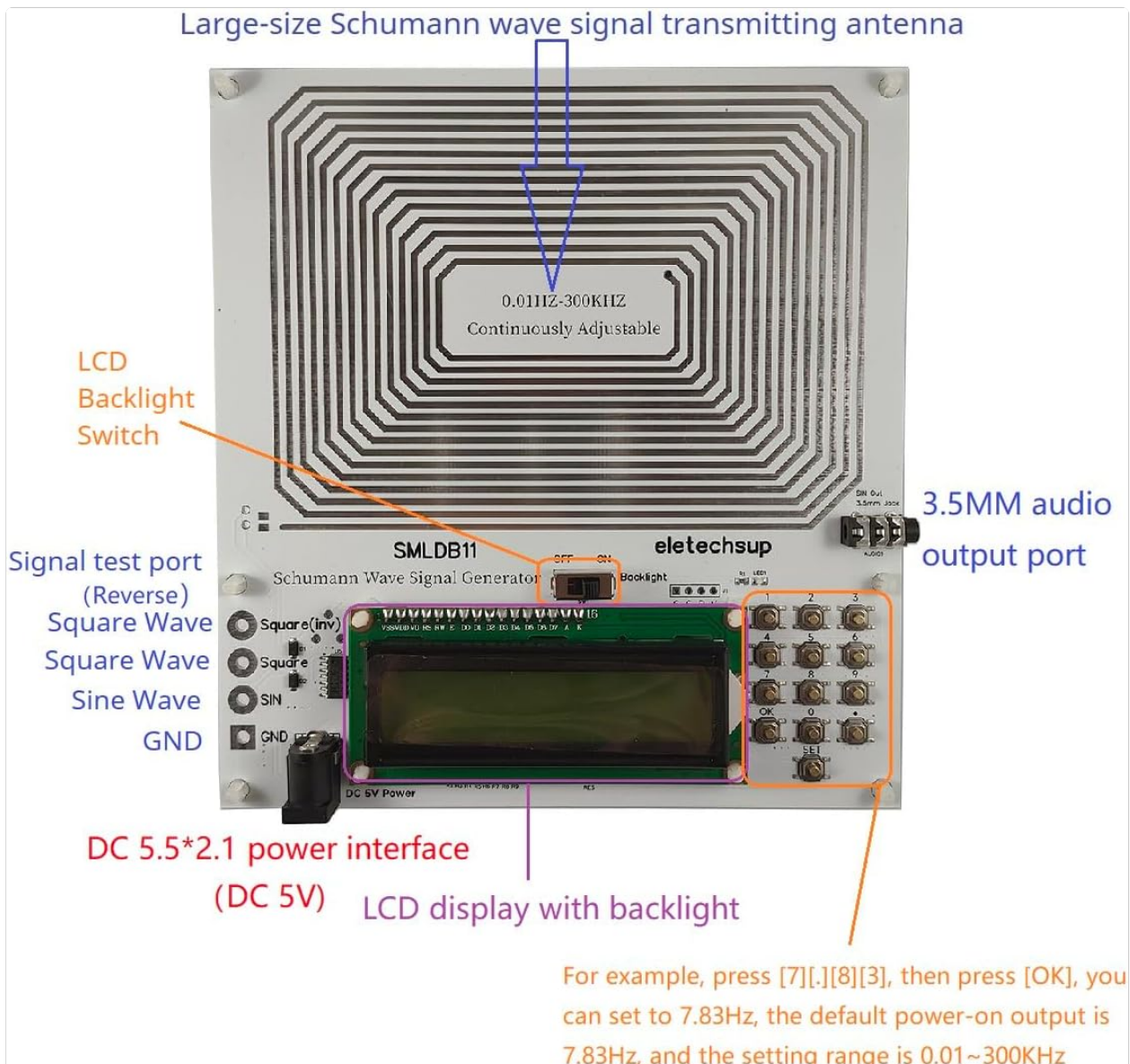


Figure 2.3: Illustrative diagram showing typical component locations on a similar Schumann Resonance Generator. This

image is for general reference; actual component layout on the SMJAC03 may vary slightly but includes a large antenna, LCD display, keypad, DC 5V power interface, and 3.5mm audio output port.

3. SETUP

1. **Power Connection:** Connect a DC 5V power adapter (not included) to the DC 5V power interface on the side of the generator. Ensure the power source provides stable 5V DC.
2. **Initial Power On:** Once power is connected, the device will automatically power on, and the LCD display will illuminate, showing the current frequency.
3. **Audio Output (Optional):** If you wish to monitor the waveform via an audio device, connect a 3.5mm audio cable (not included) from the 3.5MM audio output port to your desired audio input device.

4. OPERATING INSTRUCTIONS

The SMJAC03 allows for easy adjustment of the output frequency using its integrated keypad.

1. **Power On:** The device powers on automatically when connected to a DC 5V power source. The LCD will display the last saved frequency.
2. **Adjusting Frequency:**
 - Use the numeric keys on the keypad to input your desired frequency. The frequency range is 0.01Hz to 100KHz.
 - To input decimal values, use the '.' (dot) key.
 - After entering the numerical value, press the 'OK' or 'SET' key (depending on the specific keypad layout) to confirm and apply the new frequency.
 - **Example:** To set the frequency to 7.83Hz, press '7', then '.', then '8', then '3', and finally 'OK' or 'SET'.
3. **Frequency Memory:** The SMJAC03 features a power-off memory function. The last set frequency will be automatically saved and recalled when the device is powered on again.
4. **Output Waveforms:** The generator produces both sine and pulse waveforms. The primary frequency displayed on the LCD corresponds to the output frequency of these waveforms.

5. SPECIFICATIONS

- **Model:** SMJAC03
- **Brand:** VQVRTPIA
- **Frequency Range:** 0.01Hz - 100KHz
- **Schumann Resonance Frequency:** 7.83Hz (default/key feature)
- **Output Waveforms:** Sine Wave, Pulse Wave
- **Power Supply:** DC 5V
- **Audio Output:** 3.5mm Jack
- **Frequency Memory:** Yes (frequency saved when power off)
- **Shell Material:** Acrylic

6. MAINTENANCE

To ensure the longevity and optimal performance of your SMJAC03 generator, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using abrasive cleaners or solvents,

which can damage the acrylic shell and electronic components.

- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care to prevent physical damage. Avoid dropping or subjecting it to strong impacts.
- **Power Supply:** Always use a stable DC 5V power supply. Disconnect power when the device is not in use for extended periods.

7. TROUBLESHOOTING

If you encounter issues with your SMJAC03 generator, refer to the following common troubleshooting steps:

- **No Power/LCD Not Lighting Up:**
 - Ensure the DC 5V power adapter is correctly connected and functioning.
 - Verify the power outlet is active.
 - Try a different compatible DC 5V power adapter.
- **Incorrect Frequency Display/Output:**
 - Re-enter the desired frequency using the keypad and ensure you press 'OK' or 'SET' to confirm.
 - Check that the input frequency is within the 0.01Hz to 100KHz range.
- **No Audio Output:**
 - Ensure the 3.5mm audio cable is securely connected to both the generator and the audio input device.
 - Verify the audio input device is powered on and set to the correct input source.
 - Test with a different audio cable or audio input device.

8. SAFETY INFORMATION

Please read and adhere to the following safety precautions:

- Do not expose the device to water or excessive moisture.
- Do not open the device casing or attempt repairs yourself. Refer to qualified personnel for service.
- Use only the specified DC 5V power supply. Using an incorrect voltage can damage the device.
- Keep the device away from strong magnetic fields or other electronic interference sources.
- This device is not a medical instrument and should not be used for diagnostic or treatment purposes.

9. WARRANTY AND SUPPORT

Specific warranty information for the VQVRTPIA SMJAC03 is not provided in this manual. For warranty details, technical support, or service inquiries, please refer to the product packaging, the retailer from whom you purchased the device, or contact VQVRTPIA customer support directly through their official channels.

