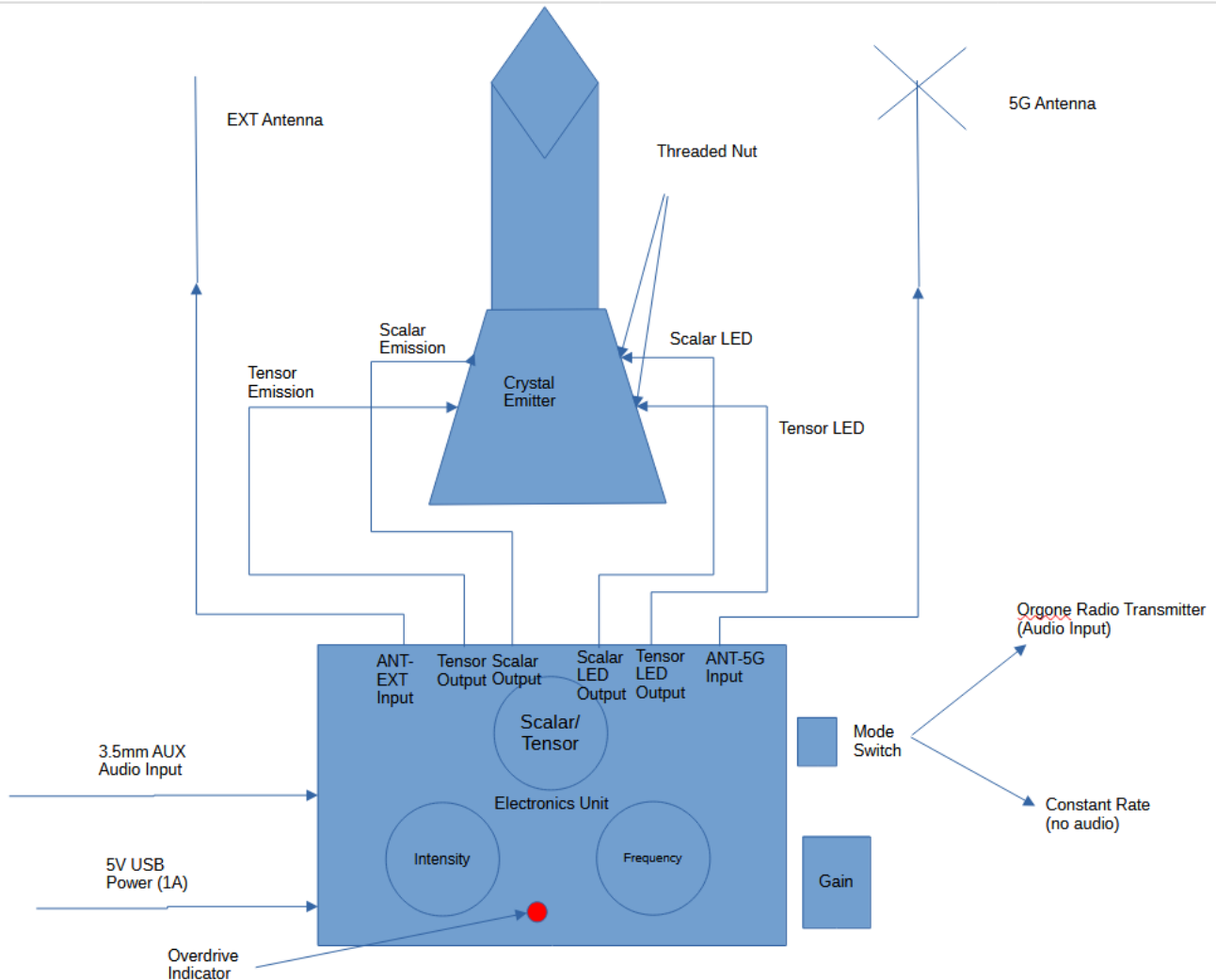


OA-4000 User Manual

The OA-4000 is the world's first orgone radio transmitter, with a range of over 40km. The OA-4000 is the first in our line of tensor orgone emitters, with two channels, one for the scalar orgone emission and a second for the tensor orgone emission. The electronics unit has 4 dials: **Intensity**, **Scalar/Tensor** selection, **Frequency** and **Gain**(audio). This unit has two LED drivers, showing the power going to each channel of the crystal.

Setup



The OA-4000 uses 5V USB power (1A) to operate, and received audio through a 3.5mm AUX input. The OA-4000 electronics unit has six SMA connections, two of which are input antenna connections, 4 of which are output connections. Best practice is to connect all cables and antennas before applying power to the unit.

The Crystal Emitter must be oriented so the emblem in the base is facing the operator. The Crystal Emitter will also have a nut threaded onto the right side terminals, indicating those terminals are LED connections. The left side terminals are the crystal stimulation inputs. Connect cables as above

diagram indicates. The SMA connections may be spaced in such a way that it is only possible to thread them one by one, from left to right. Removing them will be in reverse.

The OA-4000 has two modes, controlled by the mode switch. The two modes of operation are detailed below:

Constant Rate: (Switch Toward Operator)

This mode is how OA in the past have functioned, there is no audio modulation in this mode, it is a constant power output. In this mode only three of four dials are applicable, **Intensity**, **Frequency** and **Scalar/Tensor** Orgone emission. **Intensity** controls the power applied to the crystal, **Frequency** controls the frequency characteristics of the circuit, and the **Scalar/Tensor** dial will control the ratio of power applied to the scalar or tensor channel. There is no right or wrong combination of settings of these three dials. The Gain dial does not affect the operation of the circuit when in this mode. When Intensity is set to greater than about 95%, the overdrive indicator will trigger, indicating the circuit is functioning at the maximum possible intensity for this design. The device attains maximum range under this setting.

Orgone Radio Transmitter: (Switch Forward)

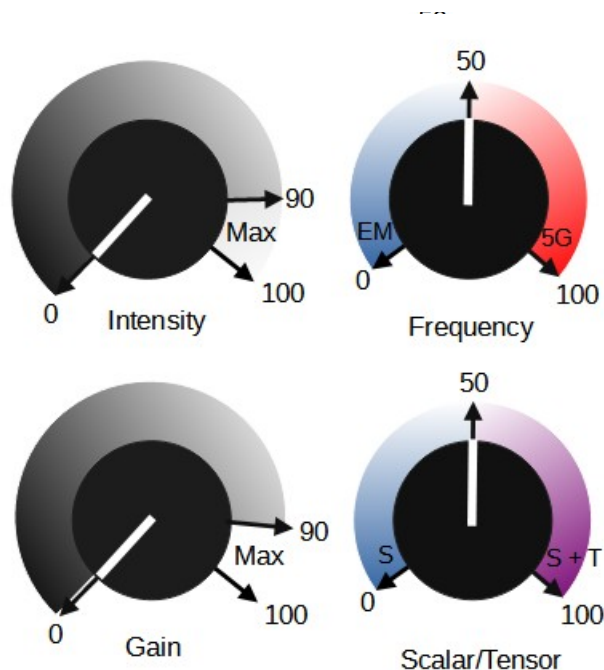
In this mode the OA-4000 acts similar to an AM radio. The stereo audio signal is mixed and fed to the circuitry to be modulated on top of each output channel. The Scalar/Tensor dial will adjust the ratio of audio signal applied to either channel or both. To set the OA-4000 as an orgone radio, the mode switch should be in the forward position.

To set the orgone radio for the first time, follow below procedure:

- 1) Intensity dial set to 100%.
- 2) Frequency set to anything, but 50% to start.
- 3) Scalar/Tensor Dial to 0%.
- 4) Set the Volume on the audio device to a minimum of 25%.
- 5) increase Gain from 0% increments of 5% until the audio signal appears on the overdrive indicator (or crystal)
- 6) When audio signal appears on overdrive indicator(or crystal), turn up Scalar/Tensor dial slowly.
- 7) increase the Gain and Scalar/Tensor knobs slowly until reaching a desired setting.
- 8) Gain the audio signal to be slightly lower than peaking, to broadcast a smooth signal with no distortion or clipping.

Tips for different audio input audio signals are given at the end of the document.

Dial Information



Intensity-The top left knob of the device controls the intensity, from minimum to maximum, the dial reads 0-100%. A setting of greater than 90% intensity and the circuit attains the maximum range, as displayed by the overdrive indicator. Maximum range can vary for this device depending on location and atmospheric conditions, with a minimum range of 40 km while the device is set on overdrive.

Frequency- The frequency dial will control the ratio of feedback signal between the two antenna ports. The dial has a scale of 0-100% and acts as a filter to select a range of frequencies. A setting of 0% will pull feedback from the lower frequencies of the spectrum, picked up by the extended frequency antenna. A setting of 100% will use mostly the 5G antenna for feedback. When the frequency knob is at 50%, the device will pull feedback from a mix of both antennas. Similar to an analog radio, the user must tune to the desired frequency range and intensity. There is no wrong setting for the frequency knob, and if frequencies are input through the antenna ports, this is much more accurate than choosing the frequency with the provided dial. If inputting user generated frequencies through the antenna ports, set the dial to 50%.

Gain- This knob accommodates the different levels of volume of an input audio signal. The Gain dial is much more sensitive to changes than the other dials, and is only active when the mode switch is set to radio transmitter. The gain will increase the levels of the audio signal by orders of magnitude, and will allow the signal to be properly modulated onto the orgone output.

Scalar/Tensor – This knob adjusts the amount of power going to the tensor output. When at 0% the device produces orgone emission through mostly the scalar channel. When at 100% the device produces orgone emission from both outputs equally. When in orgone radio transmitter mode, the dial will direct the audio signal in the ratio selected by this control.

Overdrive Indicator- The overdrive indicator is an LED that indicates the device is at maximum. Overdrive is a new feature first included as a standard feature on the OA-3000. Overdrive mode indicates the maximum allowable power is applied to the crystal emitter, and the orgone emission achieves maximum range.

Care Tips

Environment

Temp: -10degF to +120degF

Water Resistant: Not at the moment, Do not submerge, Do not Freeze in ice. Humidity: 100% non-condensing.

Over voltage: Do not expose to any voltages above 5V

Input Power

Use the included 5V USB B cable with a 5V source capable of supplying more than 1A. Sometimes USB power banks will auto shutoff, we recommend ANKER USB power supplies.

Storage

Store in a cool, dry, dark place. Do not crush. Secure during transport. Extended storage (1-2yrs) remove lithium battery (if in travel case), discharge to half capacity and store in a temperature controlled environment.

Audio Settings:

Tips:

- Dance/EDM/Pop/Hip-Hop setting: **Intensity:** 100%, **Frequency:** Any, **Gain:** Calibrated to the volume of the loudest sound in the audio stream (usually the kickdrum), **Scalar/Tensor:** 70% or as desired
- Classical/Ambient: **Intensity:** 100%, **Frequency:** Any, **Gain:** Calibrated to the volume of the loudest sound in the audio stream (usually the percussion), **Scalar/Tensor:** 70% or as desired. Set dials similar turn the gain up slightly to reduce flickering. Classical is normally lower volume and the acoustic instruments do not have as much low frequencies as amplified or electronic music. The gain will usually be higher than dance/electronic to account for the volume difference.
- Podcasts or Spoken Word: Normally a large volume difference exists between sound effects and voices, tune the gain so the voice just barely peaks the overdrive indicator, then adjust the scalar/tensor dial as necessary.
- Other types of audio such as environmental clearing, set frequencies (432 or 528 hz), or other complex frequencies (white noise), will usually exhibit a constant volume. Gain the signal up so the overdrive indicator is peaking, and adjust the scalar/tensor dial as necessary

Notes:

The Audio circuit is completely analog, it fires when it senses a peak in the audio stream, sometimes the electronics react unpredictably to input, this is the random processes of nature at work

User Equipment:

The OA-Project fosters an environment of connectivity to other devices. Be sure to connect devices ONLY to their intended ports. Input ports receive inputs from a multitude of different sources, but non should exceed 5 Volts. Normal AUX cables do not provide near this level of voltage, so phones, MP3 players and other headphone ports are OK. Excessive voltage on parts can be detected and does not fall under the workmanship or warranty program.

The OA-project is a not-for-profit research oriented organization, the funds generated from the sale of OA devices powers the research and development efforts we have identified as impactful to both the orgone space and humanity as a community. The nature of research is to explore the unknown, to gain insight, and to change the world. Your contribution to the OA-Project is nothing short of world-changing, and will continue to benefit generations to come.

From us at the Orgone Amplifiers and all those who will benefit from this work, we sincerely thank you for the opportunity.

-Jay

Warranty for OA products: We ensure safe delivery of our products and workmanship warranty for 90 days after delivery to reseller. Shipping Damage, workmanship defects, damage resulting from user error, misuse or mistreatment will be evaluated on a case by case basis, which will determine the party responsible for item repair or replacement and associated shipping costs. It is at the discretion of Orgone Amplifiers Ltd. to repair, replace or refund for damage to product or otherwise. Orgone Amplifiers Ltd. will repair items damaged as a result of user damage for cost of parts, labor and shipping.

Disclaimer: Orgone Amplifier Ltd. is not responsible for any use, misuse, abuse or modification of the Orgone Amplifier products. Orgone Amplifier products are not intended as a medical device, implied or otherwise. Orgone Amplifiers Ltd. is not liable for any effects from using Orgone Amplifier Ltd. products, and all liability for use, misuse, abuse or modification is the sole responsibility of the end user. Legal liability for the use of Orgone Amplifier products is the responsibility of the end user, and the User must understand all laws, rules and agreements that govern the use of Orgone Amplifiers in their jurisdiction. Caution: Some OA products have the ability to trigger seizures in individuals prone to epilepsy. Do not stare at the LED power indicator for extended periods of time.