

<<< Expression Pedals >>>

The Frequency should be controlled by a 100K pot, linear taper is ideal.

The jack is wired: Tip= Hot, Ring= Wiper, Sleeve= Cold

The Rate should be controlled by a 1M pot, reverse logarithmic sweep is ideal.

The jack is wired: Tip= Hot, Ring= Wiper, Sleeve= N/A

Using an expression pedal with values less than what is listed above will still work but the range will be limited.

<<< Switching >>>

This device features True Bypass switching.

<<< Power Requirements >>>

- Current Draw: 20mA
- This device take a standard 9 volt DC power supply with a 2.1mm negative center barrel. We always recommend pedal-specific, transformer-isolated wall-wart power supplies or multiple isolated-output supplies. Pedals will make extra noise if there is ripple or unclean power. Switching-type power supplies, daisy chains and non-pedal specific power supplies do not filter dirty power as well and let through unwanted noise. **DO NOT RUN AT HIGHER VOLTAGES!**

<<< Tech Specs >>>

- Input Impedance: 1M Ohm
- Output Impedance: <500 Ohm

<<< Warranty >>>

This device has a limited lifetime warranty. If it breaks, we will fix it. Should you encounter any issues, please email info@earthquakerdevices.com.



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Interstellar Orbiter™



OPERATION MANUAL

Welcome to your brand new Interstellar Orbiter™! The Interstellar Orbiter was specially designed for Kid Koala to be used on his Satellite Concert tour. The idea for the Satellite concert is very ambitious: each audience member will be seated at one of sixty mini turntable stations that will include a small crate of color coded custom vinyl. Each record contains a drone that is designed to harmonize with key moments in the show being performed on stage by Kid Koala. Each record player will be run through an effect pedal and allow the audience to individually manipulate the sounds in real time.... I mean, how could we say no to that! After lots and lots of testing, the records through various types of effects, we landed on what you have in your hand, the Interstellar Orbiter!

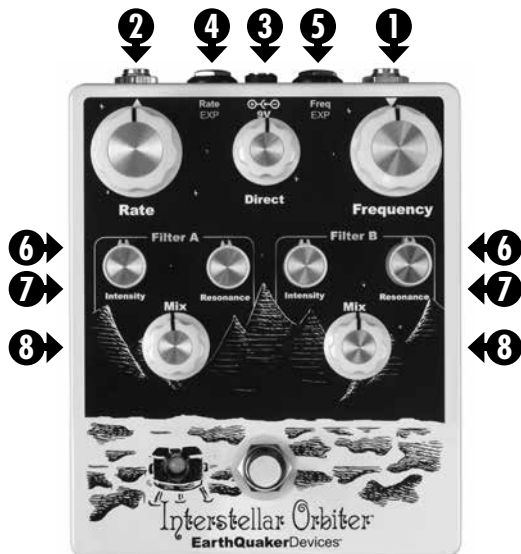
So what is it? The Interstellar Orbiter is a dual resonant filter controlled by a single LFO that sweeps each filter in opposite directions. It has three universal controls: a master **Frequency control (1)** that governs the center frequency of both filters, a master **Rate control (2)** for the LFO and the **Direct control (3)** for blending in the unaffected dry signal. There are expression pedal jacks for both the **LFO Rate (4)** and the **Master Frequency (5)**. The LFO sweeps each filter in opposite directions and has a wide range. Each filter is voiced differently and has controls for LFO Intensity, Resonance and Mix. When the **LFO Intensity (6)** is raised

the filter sweep is wider, the center frequency is raised and the resonance becomes more pronounced. The **Resonance (7)** becomes more "ringy" as you dial it up and more mellow as you dial it back. The **Mix control (8)** adjusts the volume for the mix of each filter.

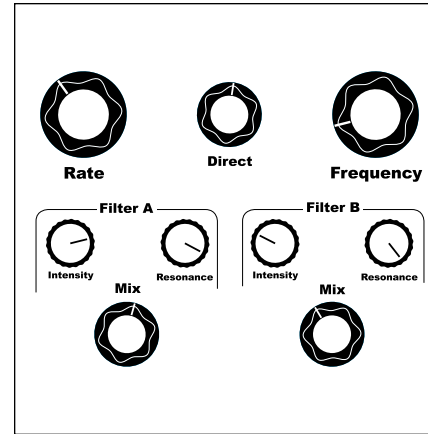
With all of this control, the Interstellar Orbiter is a knob twiddler's dream with loads of possibilities! It can do everything from wah emulation to complex vocal formant filter and even a fairly convincing rotary speaker effect. You can set the **Intensity** of both filters to zero and use the **Frequency** to manually create wide filter sweeps or use an expression pedal for a unique wah tones. Adjust the **Intensity** of one filter to taste and use an expression pedal to sweep the second to create some awesome moving center point phase effects. You can also create some very vocal sounds by using the LFO to control both filters and fine tuning the **Resonance, Intensity** and master **Frequency**. These vocal formants will vary depending the settings of each individual control and the rate at which they are swept! These are just a few suggestions, the Interstellar Orbiter is vast; get ready to get free.

The Interstellar Orbiter is all analog, true bypass and hand made one at a time, part-by-part, knob-by-knob, wire-by-damn-wire in the fiery town of Akron, Ohio and features artwork drawn by Kid Koala himself!

<<< Controls >>>

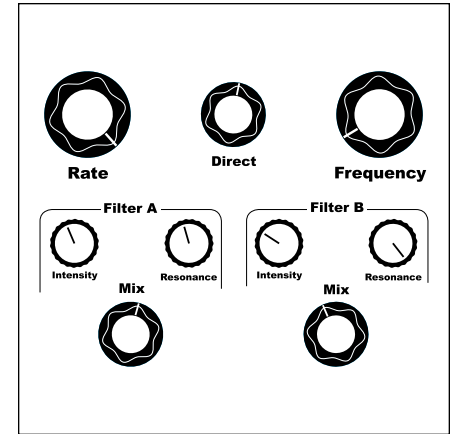


<<< Suggested Settings >>>



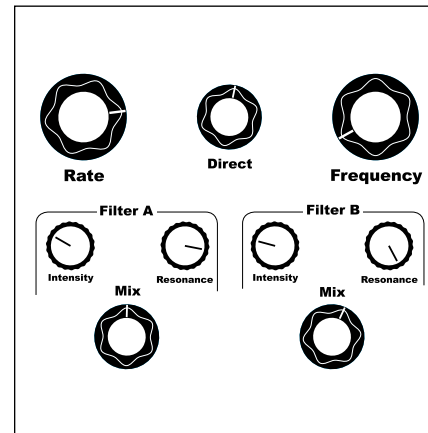
2/4 Harmonic Circles

Strike some harmonics at the 12th fret to set up a pulsing rhythmic motif.



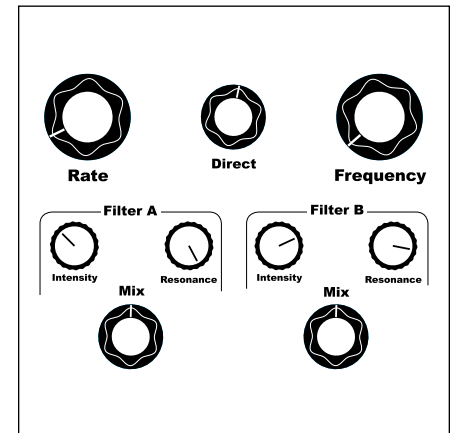
Bubble Machine

Twirl the **Intensity** dials and both **Filter** banks to create many different kinds of sonic bubbles.



Chrysalis Calling

Increase **Intensity** of **Filter B** to change the beat of the modulation dramatically.



Solar Winds

Swirling omen birds scavenge the subconscious of your psychedelic mind.