

Subdecay Studios, Inc. Quasar Quantum

Quantum Series Phaser Machine v1.00a

Your Quasar Quantum was handcrafted in Newberg, Oregon with high quality components. Thank you for purchasing The Subdecay Quasar Quantum. quantum quasar

Introduction:

The Quasar Quantum is an all analog Phaser (all pass filter) effect with digital control. While it offers several different modulation shape options, the simple controls make it easy to use and dial in.

Controls:

Toggle switch: Turns the effect on or off.

Shape: Modulate the filter with six different LFO shapes.

Speed: Controls the LFO rate.

Regen: Feeds some of the phaser signal back to the input. As this control is turned toward the maximum it will start to cut the dry signal and act like a modulated bandpass filter.

Setting tips:

-At faster speeds high regen settings can be overwhelming.

-The triangle shape is typical of classic sound, especially at slower speeds. -At higher speeds most classic phaser LFOs will reduce the LFO amplitude and round the top and bottom corners of the triangle until it becomes closer to a sine wave. The Quasar does reduce amplitude at higher speeds, but there is little filtering or "rounding." For faster speeds the sine shape may sound more graceful.

-On the TRIangle/SQuaRe, RaNDom and STEP-TRIangle settings the Regen control will make the steps sound more prominent. We recommend setting the Regen knob about half way up or higher.

-For a vibe effect use the SINE or TRI shape and turn the regen control all the way down. Adding some reverb with this configuration can make for some very "spacey" lead sounds.

-A phaser is more noticeable with more harmonic content at the input. Running and overdrive or fuzz in front of the Quasar Quantum will add harmonic content and make for a more pronounced effect.

Power:

The Quasar Quantum is powered by a dedicated Class II regulated 9 to 18 volt DC power supply with a negative center 2.1mm type plug. (not included)

Current draw under normal operations is less than 40mA.

If using a "daisy chain" power supply all other units on the power supply must be negative ground.

Specifications:

Input impedance: 1Mohms

Output impedance: <1Kohms

Operations and care:

Keep away from extreme heat, cold and moisture. Use only a dry towel to clean. No user serviceable parts. Contact Subdecay Studios, Inc. for repair.

Warranty:

Subdecay Studios offers a 3 year limited warranty from the purchase date to the original purchaser. This warranty does not cover misuse or neglect of the user. It also does not cover the finish, paint, or any exterior or superficial damage. Any unauthorized repairs will void warranty. Subdecay Studios, Inc. assumes NO LIABILITY for this product.

SUBDECAY

Quantum

QUASAR



Quantum Series Phase Machine

USER GUIDE

V 1.00A

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More information available at subdecay.com



This document was believed to be accurate at the time it was created. Specifications are subject to change without notice.

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