

Subdecay Studios Quasar DLX QD1A

Your Quasar DLX was hand crafted in Newberg Oregon. Thank you for purchasing The Quasar DLX.

What is the Quasar DLX?

The Quasar DLX is a full featured phase shift effect. The possibilities range from classic “on the slow parts”- to thick watery vibrato – to all out mad science craziness. The Quasar DLX uses eleven LFO shapes to modulate an 8 stage VCA based phaser.

Helpful hints: LFO Shapes with hard corners may bleed through at higher speeds. For more extreme VOICE settings slower LFO speeds generally sound better. With the VOICE centered, and MIX at maximum pitch bend sounds are possible. In General standard phaser tones the mix knob is best left near the center.

Controls

MIX- Adjusts effect from clean to 100% wet. (most phasers max at 50% mix)

VOICE- Positive and negative regeneration. Zero regeneration when the knob is centered.

LFO SHAPE- Sets the wave shape used to modulate the phaser effect. (see LFO SHAPE drawing)

EXP and TAP/MODE- The Quasar DLX has four modes of operation. Two primary modes and two expression pedal modes.

Primary Modes. (no expression pedal plugged in)

- Tap tempo- To start tap tempo press the TAP/MODE button repeatedly to a beat.
- Manual- To start manual speed control hold the TAP/MODE button for one second.

Expression Pedal Modes.-expression pedal plugged in- (See back page before using an expression pedal.) Press the TAP/MODE button to switch between modes.

- Speed- Use the expression pedal to vary the LFO speed.
- Sweep- Use the expression pedal to manually sweep the phaser.

RATIO/SPEED-

- Tap Tempo- Sets the ratio of the LFO speed to the tap speed (beats)
- Manual- Manually sets the speed of the LFO. This control may not work exactly as you would expect. From left to right the speed goes faster and faster, BUT once the knob is turned all the way to the right, as you turn it back to the left it goes even faster. To get back to the slower speeds turn the knob back to the right and then back to the left.
- Speed- Sets the speed range for the expression pedal control.
- Sweep- N/A

FREQ & DEPTH- Sets the center frequency and modulation depth of the phaser. This works for all modes including Sweep mode. This phaser has a huge range, and limiting it a bit with the depth knob makes the Sweep mode more useful.

Power: The Quasar DLX can not be powered by a battery. To increase headroom the power filtering was left to a minimum in the Quasar DLX, therefore CLEAN power is required. If you hear an audible (loud) hum in the back ground there is a 99.9% chance that this is power supply related. Power supplies verified with the DLX were: Visual Sound OneSpot, Voodoo Labs Pedal Power 2 (9 volt only) Dunlop DC Brick.

The Quasar DLX can be powered by a dedicated Class II regulated 9 to 18 volt DC power supply with a negative center 2.1mm barrel type plug. Current draw under normal operation is less than 65mA. If using a “daisy chain” power supply all other units on the power supply MUST be negative ground.

Note: The Quasar DLX will operate from 8 to 20 Volts DC without risk of damage, but the depth and frequency settings may vary slightly at different voltages.

Specifications: Input impedance:1M. Output impedance: <1K

Operation 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 or maintenance.












Warranty:Subdecay Studios offers a 3 year limited warranty from the purchase date to the original purchaser. This warranty does not cover misuse, or the 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.

USER GUIDE

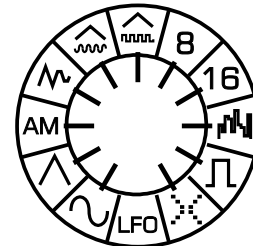


QUASAR DLX

SUBDECAY

LFO	SHAPES
	SINE
	TRIANGLE
	AMPLITUDE
	BOUNCE
	TRI/SINE
	TRI/SQUARE
	8 STEP TRI
	16 STEP TRI
	RANDOM S/H
	SQUARE
	ARGYLE

EXPRESSION PEDAL INPUT: TIP/RING/SLEAVE PLUGS ONLY. USING A MONO PLUG WILL DAMAGE THIS PEDAL.



Waveshapes are a representation, and may not be fully accurate.

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