



# echoczar

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## quickstart

- Do not plug your guitar into the jack on the far right. The IN jack is in the center of the echoczar.
- Please allow at least five minutes for your echoczar to warm up and stabilize each time you power up before playing. Like all toneczar products the echoczar is non-linear, and warm up is required.
- Do not power your echoczar continuously (24/7) with the supplied wallwart, as the wallwart will eventually overheat and fail. Un-plug the wallwart whenever your echoczar will be unattended for any length of time. Note: If power supply or wallwart failure were to occur, the echoczar will not be permanently damaged, as it is protected by design.
- Do not try to use the Safety knob to control runaway repeats (self oscillation). Back off the Repeat knob! The Safety knob is ONLY active when the Feedback foot-switch is on.
- When using the Feedback foot-switch, start with the Safety knob in the 12:00 position, and adjust the Safety knob in small increments until you achieve the desired feedback response. The Repeat knob and Delay/Echo toggle switch are NOT active when the Feedback foot-switch is on.
- In summary, the Repeat knob controls repeats/feedback with the Feedback foot-switch off. The Safety knob controls feedback intensity with the Feedback foot-switch on.
- The echoczar is touch sensitive, dynamic and non-linear. As such, it is a musical instrument itself, and all musical instruments take a certain amount of time to learn.
- When using the expression pedal to control Repeats, place both the Taper and Direction switches in the Up position.
- When using the expression pedal to control Delay 2 (yellow channel) Delay Time, place both the Taper and Direction switches in the Down position.
- Note: toneczar TRS and Instrument cables feature plugs which are fully potted with a dielectric compound. This assures the lowest capacitance and highest reliability. Do Not take the plugs apart.
- Note: If you use a volume pedal to control your over-all volume, it should be placed after your echoczar to preserve the echoczar's dynamic response. Very important in a mono rig.
- Note: In a two amp stereo rig, a great way to have live control of echo mix is to patch a standard volume pedal between the echoczar's Effect Out jack and the wet amp's input jack.