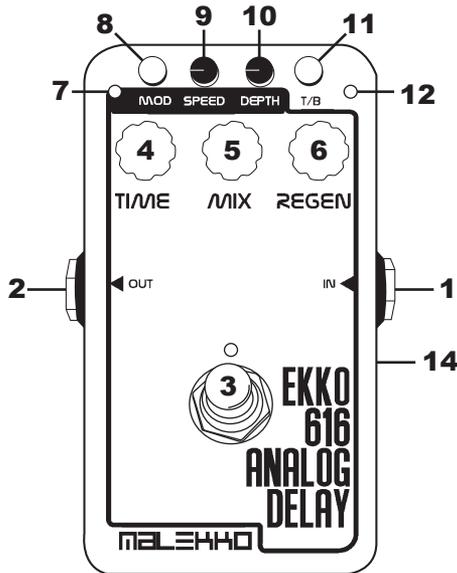


EKKO  
616  
ANALOG  
DELAY

**USER MANUAL**

**MALEKKO**

# CONTROLS AND CONNECTIONS



- 1. Input** – You know what this is right?
- 2. Output** – see item #1
- 3. Footswitch On/Off** – Press the footswitch to turn your Delay on or off. When the LED is lit the effect is on.
- 4. Time** – Turn this knob clockwise to set your delay time from 6-650 milliseconds.
- 5. Mix** – Adjusts the output level of your delayed signal.
- 6. Regen** – Sets the amount of delay regeneration (repeats).
- 7. Modulation LED** – Indicates modulation effect is applied to your delayed signal and LED flashes the modulation speed.
- 8. Mod Button** – Press this button to engage or disengage the Modulation effect.
- 9. Speed** – Adjusts the speed of the Modulation effect. Turning clockwise increases the speed.
- 10. Depth** – Adjusts the depth of the Modulation effect. Turning clockwise increases the depth.
- 11. T/B button** – You can set your EKKO 616 to buffered bypass (button down, LED lit) or true bypass (button up, LED off). True bypass can affect the tone of your signal. It is possible that your set up will make your sound lose high frequency when set to true bypass. There is nothing wrong with the pedal. This situation is a result of your equipment chain. (guitar pickups, cables, pedals, or amp can all contribute to high frequency loss in true bypass mode). We recommend playing with the position of your pedal in the effects chain or simply using the buffered bypass.
- 12. Buffered Bypass LED** – Indicates the buffered bypass is engaged (LED on).
- 14. 9V DC Power Supply Input** – Use a 9V 200ma 2.1 negative tip regulated adapter (not included). **NOTE:** Non regulated power supplies could kill your new pedal.

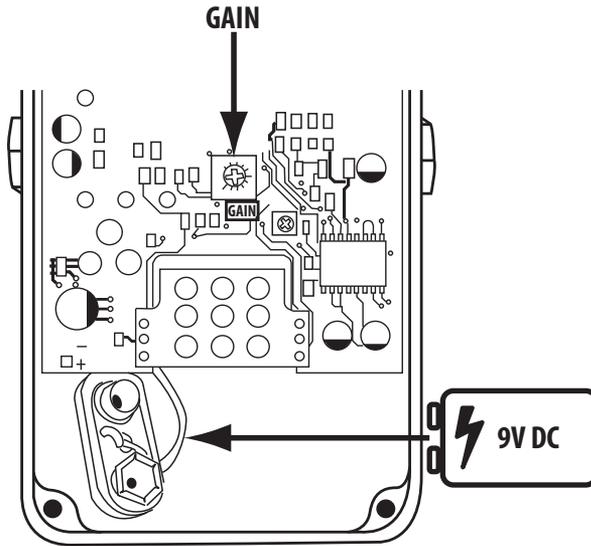


**Warning – Please read the following:**  
Important Safety Instructions



1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Do not use this apparatus near water.
5. Clean only with dry cloth.
6. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
9. Unplug this apparatus during lightning storms or when unused for long periods of time.
10. No user serviceable parts inside. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
11. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
12. Refer to labels on the unit, including bottom cover, or other markings and pertinent information.

# SETTING GAIN / BATTERY INSTALLATION



## Gain Trim Pot

We designed the EKKO 616 Analog Delay to be flexible enough for any use. Since different signal chains can effect the level of your EKKO 616 we've included an internal Gain pot to balance the signal output level with your signal input level.

Remove the 4 screws from the bottom of your EKKO 616 and remove the cover plate. Referencing the diagram above find the trim pot with the label '**GAIN**' under it. Set the **MIX** knob fully counter-clockwise – this will be your dry level and dry sound only. If the gain drops when you engage the EKKO 616, increase the **GAIN** trim pot. Using a small phillips screwdriver, turn the trim pot clockwise (right). Trial and error will get you the desired result.

**DO NOT TOUCH ANY OTHER TRIM POTS INSIDE THIS PEDAL. YOU WILL NOT MAKE ANY ASPECT OF THE EKKO 616 BETTER! THEY ARE ALREADY SET FOR OPTIMAL PERFORMANCE.**

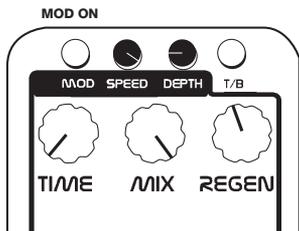
## BATTERY INSTALLATION AND REMOVAL

Loosen the 4 screws and remove the bottom plate. Replace the battery with a fresh one and put into the storage position. Replace the bottom plate and gently tighten down the 4 screws.

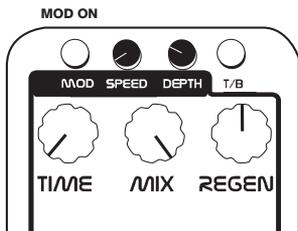
Remove the battery when storing pedal for long periods of time to prevent current leakage and leaking battery acid. Be sure to keep the battery snapped to the connectors in the pedal even when using a 9V DC adaptor (If the adaptor becomes disconnected, your pedal operation immediately switches to the battery, allowing no loss of performance). Power is switched on when the INPUT jack is being used. When the unit is not being used, disconnect the input in order to preserve battery life.

# TRY THESE SETTINGS

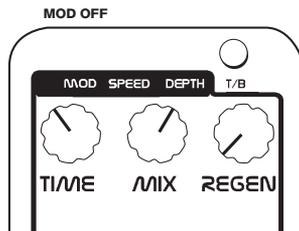
Here are a few recommended settings to get you started.



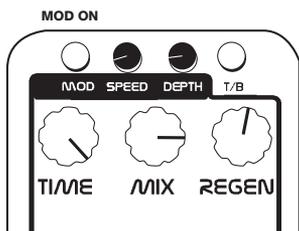
VIBRATO



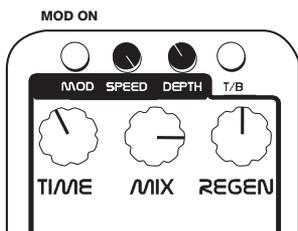
CHORUS



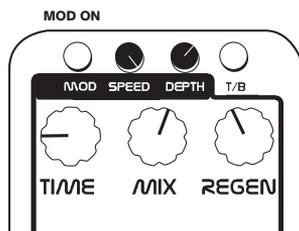
SLAP



LONG DELAY  
CHORUSED REPEATS



LESLIE REPEATS



SHIMMER

# FAVORITE SETTINGS

Use the illustrations below to mark the knob positions of your favorite settings.

