

# THANK YOU!

## For purchasing a Morley® pedal.

Please take a few minutes to familiarize yourself with the features of your new pedal. With common sense handling, it should last for years. We know you will appreciate the rugged construction of your Morley®. Most of all, we hope you enjoy using it as much as we enjoyed building it.

## AC ADAPTER

Use Morley's 9-volt DC 300 milliamp regulated adapter only. Using a non-regulated adapter could cause a low frequency hum in your amplifier and may damage the pedal.

## BATTERY

The ECHO PLUS is designed to use one 9 volt battery when not using an adapter. We suggest you use a good quality alkaline battery.

To prolong battery life, unplug your cord completely from the input jack when not using the pedal. When the pedal is not used for extended periods, we recommend you remove the battery from the pedal or replace it every six months to prevent leakage problems.

## CONNECTIONS

9V: Connect Morley 9 volt regulated 300 mA adapter to this jack.

INPUT: Input jack. Plug instrument into this jack using 1/4" guitar cable.

OUTPUT (MONO): Used when not using the stereo output jack. Connect amplifier to this jack using a 1/4" guitar cable.

OUTPUT (STEREO): Used for stereo applications. Connect a second amplifier to this jack using a 1/4" guitar cable.

NOTE: You'll find cords fits very tightly into our input and output jacks. The tight fits helps prevent the cord from becoming accidentally unplugged from the pedal. Make sure the cords are completely plugged in for best results.

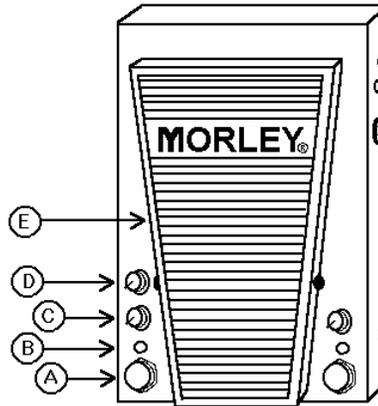
## CONTROLS

The Echo-Plus control are divided up into two sections: Echo related and Chorus Related. To explain, let's focus on one effect at a time.

### ECHO RELATED (see diagram #1):

- A. EFFECT ON/OFF SWITCH: Turns on and off the effects.
  - B. EFFECT LED: Lights up when effects switch is engaged.
  - C. ECHO "DELAY" CONTROL: Controls the amount of delay time from 0 to 300 milliseconds.
  - D. ECHO "REPEATS" CONTROL: Adjusts the amount of repeats the ECHO will reproduce when a note is played. Ranges from one repeat to multiple repeats.
  - E. TREADLE CONTROL: In ECHO mode the treadle controls the "MIX". The MIX adjusts the blend of the original signal and effected signal.
- REFER TO THE SAMPLE SETTINGS SECTION OF THIS MANUAL FOR HINTS.

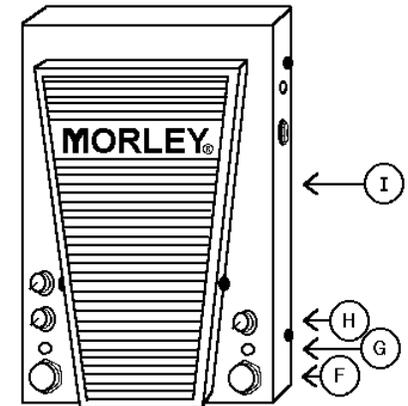
DIAGRAM #1



### CHORUS RELATED (see diagram #2):

- F. CHORUS/VIBRATO ON/OFF SWITCH: Switches between ECHO (LED off) and CHORUS (LED on) effects.
  - G. CHORUS LED: Lights up when CHORUS effect is engaged. In Chorus mode you will notice the LED blinks in real time with the speed of the Chorus. When LED is off, ECHO mode is active
  - H. CHORUS DEPTH: Controls the mix of original signal and effected signal.
  - I. TREADLE CONTROL: In CHORUS mode, the treadle controls the "SPEED". The SPEED increases or decreases the speed of the Chorus.
- REFER TO THE SAMPLE SETTINGS SECTION OF THIS MANUAL FOR HINTS.

DIAGRAM #2



## BATTERY REPLACEMENT

When the battery becomes weak, the overall effect will become weak and your signal may become slightly distorted.

Remove the battery door located on the bottom of the pedal. (a short cord is attached to the door to help prevent loss. Once the door is off, the old battery can be removed from the battery snap and a new battery plugged in. Make sure the polarity (+/-) is correct before inserting the new battery.

When you replace the battery door, you will notice it fits very tightly against the battery. This prevents the battery from rattling inside the pedal.

## WARRANTY

All Morley® pedals are warranted for two years from date of purchase. To obtain warranty service call 1-800-639-4668.

## SPECIFICATIONS

POWER: 9 Volt Battery  
CURRENT DRAW: 28 mA @ 9 VDC  
WEIGHT: 3.2 lb./ 1.46 kg  
INDICATORS:  
LEFT LED: Effects on or Bypassed  
RIGHT LED: Echo on or Chorus on.

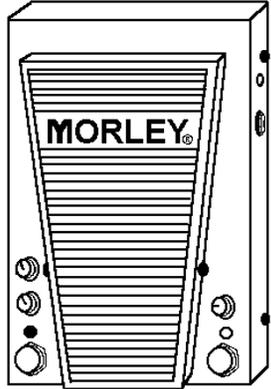
**MORLEY®**

185 Detroit Street, Cary, IL 60013  
Phone: (847) 639-4646 Fax: (847) 639-4723  
www.morleypedals.com

Below are a few settings you can try to get started. We encourage you to find your own favorite settings.

STANDARD DELAY OPERATION

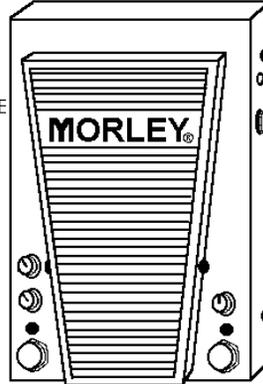
ADJUST TREADLE TO TASTE



● - LED ON  
○ - LED OFF

CHORUS TO VIBRATO OPERATION

MOVE TREADLE FORWARD TO INCREASE CHORUS SPEED TO VIBRATO

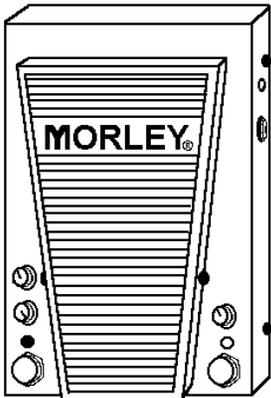


● - LED ON  
○ - LED OFF

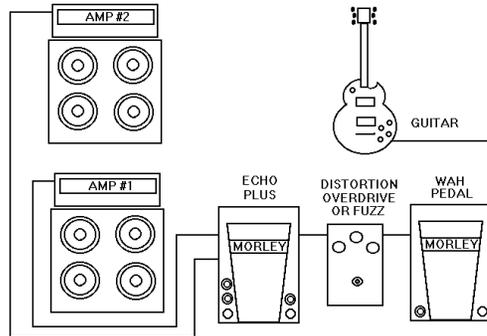
Here is a general recommendation for hooking up an Echo-Plus with other effects:

"DRY" TO "WET" DELAY OPERATION

MOVE TREADLE FORWARD TO GO FROM "DRY" SIGNAL TO "WET"



● - LED ON  
○ - LED OFF



NOTE: This pedal is not intended for use through an effects loop (send and return).

**MORLEY**®

**ECHO**

**PLUS**

(ECV)



**OWNER'S MANUAL**