

# ARP-87

## MULTI-FUNCTION DELAY



The ARP-87 is a compact, feature-rich delay, packed with a large pallet of inspirational delay tones. Featuring four main algorithms, digital, analog, lo-fi, and slap back, the ARP-87 can cover some serious ground in the world of echoes. The Digital algorithm boasts pristine, crystal clear repeats great for rhythmic riffs. The Analog setting works well to add warmth and dimension to chords and lines without getting in the way. The Lo-Fi algorithm, with its adjustable frequency range on the repeats, goes from warm, warped, and murky, to strait AM radio. Finally, the Slap setting makes it easy to dial in a great slap back echo perfect for smoking chicken pickin' runs. With other features like our smart bypass switching, and momentary knob ramp, the ARP-87 provides endless creative opportunities that are waiting to be explored.



### OUTPUT JACK

1/4 inch cable to amplifier.

### INPUT JACK

1/4 inch cable from instrument.

### 9V JACK

9-volt DC, Center Negative, 100ma min.

### LEVEL

Adjust the level of the repeats. Turn it clockwise to increase the volume of the echoes.

### RATIO

Sets the tempo multiplier for the tap tempo algorithms (Digital, Analog, Lo-Fi), and it adjusts the delay time for the Slap algorithm.

### X

The X knob changes functions depending on which Algorithm you are using. It adjusts a specific parameter in each algorithm.

Digital - Modulation depth.  
Analog - Modulation depth.  
Lo-Fi - Filter width.  
Slap - Modulation depth.

### BYPASS LED

Illuminated when the effect is on.

### BYPASS SWITCH

Turns the effect on and off. It also features our smart bypass switching. (See Below)

### DAMPEN

Controls the overall tone on the repeats. It is a low-pass filter, so turning this knob clockwise will open the filter and brighten the repeats. Counterclockwise will close the filter and darken the repeats.

### REPEATS

Adjusts the number of repeats that are heard. Go from one repeat at full counterclockwise, to near infinite at full clockwise.

### PROGRAM

Selects which algorithm is used to generate the delay signal. Choose from Digital (D), Analog (A), Lo-Fi (L), and Slap (S).

### TAP INPUT JACK

Interface for external tap switch or master clock. Only normally open, non-latching switches should be used.

### TAP LED

Blinks in sync with the delay time.

### TAP SWITCH

Sets the time of the delay. Tap 1/4 notes to sync the delay with what you are playing.

## MOMENTARY FUNCTIONS

### BYPASS SWITCH

When the switch is in off position, press and hold to temporarily activate the effect to add a moment of delay texture. Releasing the switch turns the effect off. When the effect is on, press and hold the bypass switch to momentarily ramp the X parameter to maximum. Releasing the switch sets the X parameter back to the knob location.

### TAP SWITCH

Press and hold to temporarily ramp the repeats to maximum. Release to set the repeats back to the knob location.

## TRAILS MODE

The ARP-87 can be run in trails or no trails mode. In trails mode, when you turn the pedal off, the delay trails die off naturally. In no trails mode, the delay trails are abruptly cut off when you turn the pedal off. To toggle between either mode, hold down the bypass switch for 1 second while applying power to the pedal. Unplug power and repeat to toggle to the other mode.