



LIVE TO PLAY LIVE®



M117 FLANGER



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92503004231revD

# M117 FLANGER

## DESCRIPTION

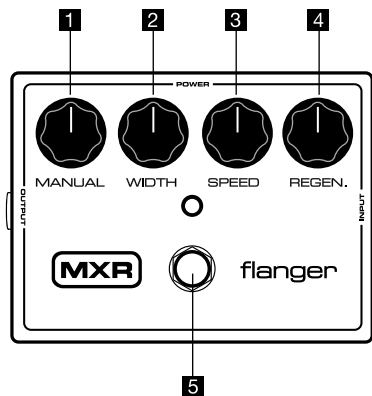
- A staple of funky '70s sounds, from jet plane to space effects
- Numerous tweakable parameters
- Does the work of a flanger, chorus, delay and more

## POWER

The MXR Flanger is powered by two 9-volt batteries (remove bottom plate to install), an 18-volt AC adapter such as the Dunlop ECB004/ECB004E, or a DC Brick™ power supply.

## CONTROLS

- 1 MANUAL knob controls the degree of phase shifting
- 2 WIDTH knob controls the intensity of the time delay set by SPEED knob
- 3 SPEED knob controls the speed of time delay
- 4 REGEN. knob controls the intensity of the overall effect
- 5 FOOTSWITCH toggles effect on/bypass (blue LED indicates on)



## DIRECTIONS

- Run a cable from your guitar to the Flanger's INPUT jack and run another cable from the Flanger's OUTPUT jack to your amplifier.
- Start with all controls at 12 o'clock.
- Turn the effect on by depressing the footswitch.
- Rotate the MANUAL control clockwise to emphasize higher frequencies or counterclockwise to emphasize lower frequencies.
- Rotate the WIDTH control clockwise to increase the intensity of the time delay as set by the SPEED control or counterclockwise to decrease it.
- Rotate the SPEED knob clockwise for a faster phase effect or counterclockwise for a slower phase effect.
- Rotate the REGEN. control clockwise to increase the overall intensity of the effect or counterclockwise to decrease it.

## SAMPLE SETTINGS



## SPECIFICATIONS

Input Impedance	470 kΩ
Output Impedance	1 kΩ
Max Input Level	5 dBV
Max Output Level	5 dBV
Noise Floor*	-98 dBV
Noise Reduction	2:1 ratio
Max Delay	12.8 ms
Rate Range	0.1 Hz to 10 Hz
Current Draw	39 mA
Power Supply	18 volts DC

\*A-weighted



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