

CONGRATULATIONS!

You have just purchased the finest flanger made. Your Morley Pro Flanger is designed for years of trouble-free operation. To insure maximum satisfaction, please take a few moments to read this booklet and acquaint yourself with some of the features that may be new to you. Above all, we hope you enjoy using this product as much as we enjoyed making it for you.

GENERAL INFORMATION

The Morley Pro Flanger is AC powered and photo-electric cell operated. There are no rack and pinion gears, nor is there a potentiometer coupled to the treadle, as in most other pedals. The indicator light (number 387 or 327) must be functional for the Pro Flanger to work.

PRINCIPLE OF OPERATION

The Pro Flanger contains extremely quiet solid state digital analogue circuitry that delays the signal a fraction of a second (measured in milli-seconds) and then combines the delayed signal with the direct signal. The combining of the signals results in some tones being cancelled and some tones being added together depending on the amount of delay being introduced at any given moment. This effect occurs throughout the musical spectrum creating complex, exciting new harmonic structures.

A NOTE TO MUSICIANS

If you are accustomed to using a Wah pedal, you should not experience any difficulty in operating the Pro Flanger in the "Foot" (non-automatic) position. Keep in mind however, that it is not a wah, and the flanging effect is best achieved by slow, continuous sweeps of the treadle rather than by vigorous pumping. When the treadle is stopped (in any position), the flanging effect remains unchanged until the treadle is moved again. In the "Auto" position, control settings that are musically pleasing or otherwise desirable at very slow rates, may not be pleasing or desirable when the rate is increased.

OPERATING INSTRUCTIONS

1. Plug into correct AC source.
2. Connect a musical instrument to the Pro Flanger by plugging one end of a shielded cable to the instrument, and the other end into the pedal jack labeled "Instrument."
3. Connect the pedal to the amplifier input and the other end into the pedal jack labeled "Amplifier."
4. Set the controls on your musical instrument and amplifier to their customary settings. Turn the amplifier power on.
5. Turn the Pro Flanger power on with AC Toggle switch at top forward end of unit.
6. Set all controls at 12 o'clock. Depress and release Flanger "On-Off" foot switch. The LED indicator above the switch will illuminate in the flanging mode. It will also pulsate at the sweep rate. Moving the pedal varies the sweep rate from once every 20 seconds with the toe up to 20 times per second with the toe down.
7. While still in the flanging mode depress and release the "Auto-Foot" switch. Flanging changes then occur only when the pedal is moved. In a static position the harmonic relationships do not vary. Each pedal position produces a different sound.
8. When flanging is not required depress the "Flanger" switch to return sound to normal.

CONTROLS AND THEIR FUNCTIONS

All controls go from minimum to maximum in a clockwise direction.

1. Phase Travel - The Phase Travel control determines the amount of flanging. At maximum it may produce excessive pitch change, at minimum no flanging takes place.
2. Harmonic Emphasis - This control regulates the amount of signal recirculated. Harmonic content increases as the control is advanced. In its maximum position reverb-eration can be simulated. Many synthesizer effects can also be obtained. In its minimum position the flanging becomes subtle, sounding much like a vibrato or rotating speaker, depending upon speed.

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