

## CONGRATULATIONS,

You now own the finest pedal ever made. A Morley. The PWO is designed for years of trouble-free operation. To insure your satisfaction, please take a bit of time to read this book to acquaint yourself with some of the features that may be new to you. Above all, we hope you enjoy your new Morley PWO as much as we enjoyed building it for you.

## GENERAL INFORMATION

The Morley PWO is A.C. powered and photo-electric cell driven. There is no rack and pinion gear nor is there a pot coupled to the pedal, as you might find in most other pedals. The indicator light is the driving source for the PWO and must be ON for the unit to operate. Replace a damaged lamp using a factory replacement or a #387 bulb as a substitute. A #327 may also be used in an emergency.

## OPERATING INSTRUCTIONS

1. Plug the PWO into an appropriate A.C. source.
2. Connect the instrument to the PWO by plugging one end of a shielded cable to the instrument and plug the other end into the input labeled "INSTRUMENT" on the side of the Wah pedal.
3. Connect the amp to the PWO by plugging one of the ends of a shielded cord into the input of the amp, and the other end into the remaining PWO jack labeled "AMPLIFIER".
4. Set the controls on your instrument, and your amplifier, to their usual settings.

## TO USE THE WAH PEDAL

1. A footswitch on the right side of your PWO is used to switch the PWO to either the Wah mode or to the straight-through position. When the straight mode is used, the treadle won't have an effect on the sound, since the signal will bypass the pedal in this position.
2. To use the PWO as a Wah, press the footswitch again.
3. As you press down on the pedal, the Wah moves a peak in the response from the low range upwards to the high frequency range achieving a smooth, wide-range Wah effect. Most musicians are familiar with the normal use of a Wah. By experimenting, many musicians have found that the Wah pedal can be set in one position, for an unusual tone effect that cannot be matched with amplifier tone controls. Use the low end for a jazz or blues, while setting the middle range for rock, and use the upper range for a "little amp" sound with screaming highs which is perfect for rock lead.

## A NOTE TO GUITARISTS

The Wah in the Morley PWO has a response of seven octaves from 25 Hz to 4,000 Hz. This was designed to increase the flexibility to allow its use with octave dividers, keyboards and bass guitar. Since the pedal range is far greater than the range the guitar is capable of, the effect with a guitar is interesting. In the first 1/2" of travel, the Wah peak is working in the two octaves below the last note on the guitar. The only change the guitarist hears is in the volume of his guitar. This can be used effectively in performance. Toe up to use it for rhythm, toe down 1/2" to play lead and beyond 1/2" for lead using the Wah.