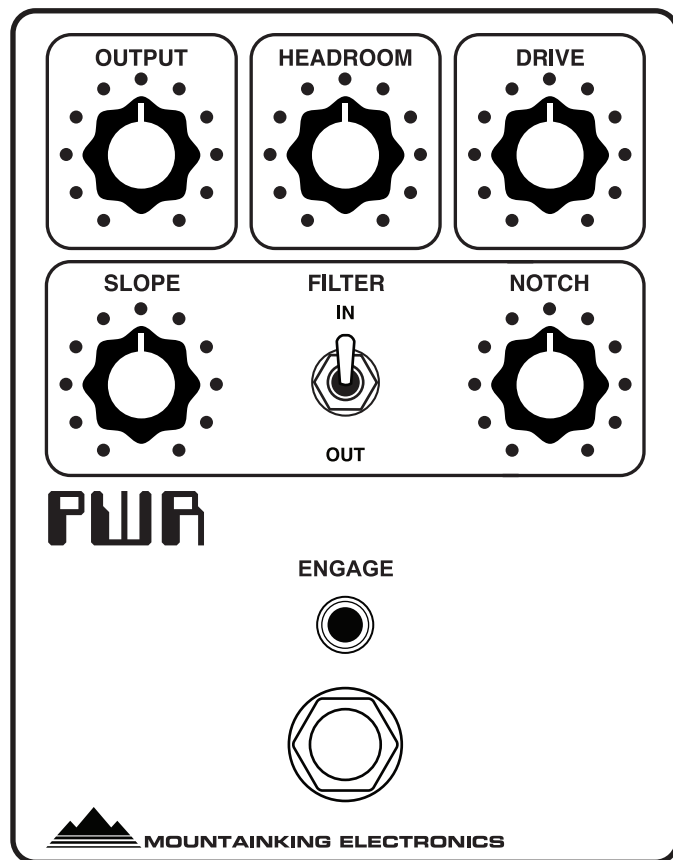




MOUNTAINKING ELECTRONICS

PWR



FEATURES & SPECIFICATIONS:

- 100% handmade using high quality parts and through-hole components
- Original circuit designed around a single power amplifier ic
- Mechanical, true bypass switching
- Physical dimensions: 4.7" x 3.7" x 1.18"
- Current consumption: 4.6 ma max. at 9V DC and 6.4 ma max at 18V DC

DRIVE: This allows you to control the strength of the signal at the input of the PWR's circuitry. As you turn the DRIVE knob to the right your instruments signal pushes the input of the PWR's circuit harder and harder increasing the saturation and compression levels of the distortion as well as increasing the overall volume level.

HEADROOM: This is a "power sag" control that is designed to work similarly to using a variac to decrease the amount of voltage/current that a tube amp has to work with. As you turn the knob to the left you decrease the amount of clean gain (aka "headroom") that the circuit has to amplify the incoming signal with, resulting in more saturation, more compression and a slight decrease in the volume level. This control works in conjunction with the DRIVE control to set the overall level of saturation and compression, as well as effecting the overall volume level of the signal coming out of the pedal.

FILTER SECTION: Please note that the SLOPE and NOTCH controls are very interactive so adjusting one will alter the effect of the other.

IN/OUT : This switch engages (IN) or bypasses (OUT) the FILTER's circuitry. When the switch is in the OUT position the SLOPE and NOTCH controls will have no effect and there will be a slight increase in the volume level.

SLOPE: This control allows you to adjust the high/low frequency balance. Turning the knob to the left gradually cuts highs while adding lows.

NOTCH: This control cuts midrange as you turn the knob to the left.

OUTPUT: This is the volume control. WARNING! The PWR is capable of extremely high volume levels so please be aware of where the OUTPUT knob is set before engaging the pedal.

INTERNAL DIP SWITCH: If you remove the bottom plate of the pedal you will see a small red switch on the circuit board in the lower left hand corner, when this switch is in the "ON" position it increases the gain of the circuit resulting in an increase in distortion saturation and compression.

All Mountainking Electronics devices are built with high quality parts and components to help ensure years of reliable heaviosity. This device can be powered by a 9V battery or a standard 9V DC or 18V DC power supply. If you choose to use a battery to power the pedal remember to unplug the instrument/guitar cable from the input jack when not in use to help conserve battery life. If you choose to use a power supply, be sure that it is of high quality and is filtered to avoid introducing hum and noise to your signal chain. Also make sure that it outputs DC not AC voltage, has the correct polarity (center negative) and does not put out more than 18V DC otherwise you may damage or destroy the ic.

If you have any questions, comments, or concerns, please don't hesitate to contact me:

info@mountainkingelectronics.com Thank you, Alan

GENERATION > TRANSMISSION > PERCEPTION



MOUNTAINKING ELECTRONICS

PWA

FAVORITE SETTINGS

NAME: _____

OUTPUT 	HEADROOM 	DRIVE
SLOPE 	FILTER IN OUT	NOTCH
PWA		
ENGAGE 		

NAME: _____

OUTPUT 	HEADROOM 	DRIVE
SLOPE 	FILTER IN OUT	NOTCH
PWA		
ENGAGE 		

NAME: _____

OUTPUT 	HEADROOM 	DRIVE
SLOPE 	FILTER IN OUT	NOTCH
PWA		
ENGAGE 		

NAME: _____

OUTPUT 	HEADROOM 	DRIVE
SLOPE 	FILTER IN OUT	NOTCH
PWA		
ENGAGE 		

GENERATION > TRANSMISSION > PERCEPTION