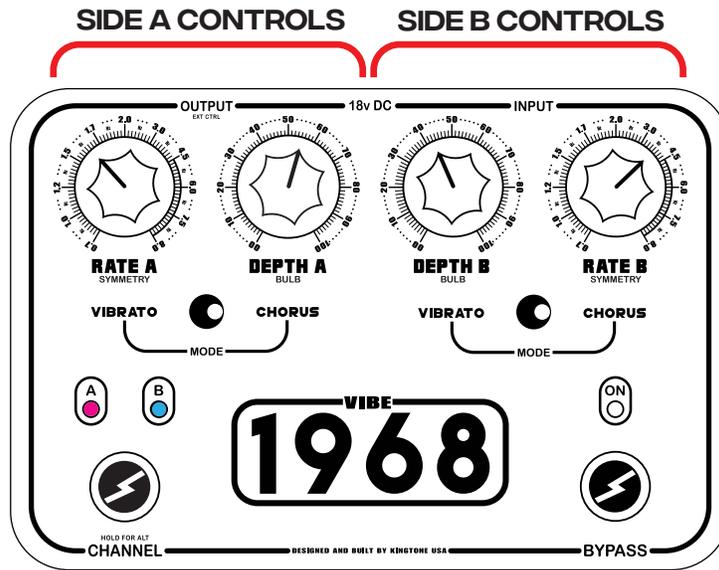




BASIC OPERATION

The Vibe-1968 has been designed to accurately recreate the classic vibe tones of the 60s and 70s. Side A and B are independent of each other. When changing channels the Vibe-1968 will ramp between all settings to give a smooth transition between sounds.



FINE ADJUSTMENTS

The Vibe-1968 has internal controls for **input impedance**, **mix** and **volume**.

Open the back of the pedal and adjust the **volume** trimmer pot to your desired setting, this is a set-and-forget setting and shouldn't need to be changed once you have it set.

The **input impedance** trimmer pot lets you adjust whether the vibe sounds like a vintage 1968 vibe with a **dark warm tone** or a modern vibe with a **sparkling clear tone**.

The control can be set anywhere between these two settings to dial in the exact tone you want.

There is also a **mix control** that blends between the vibe effected tone and the clean tone. We have set this for maximum depth and throb, you can adjust this for more warble and frequency shift if you prefer.

You **don't** normally need to adjust this setting.

INTERNAL TRIMMER POTS



VOLUME



VINTAGE/MODERN

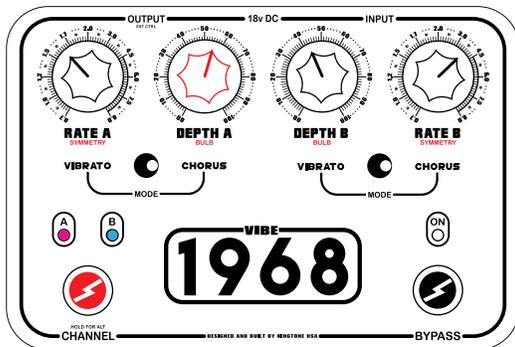


MIX

VIBE 1968

BULB AND SYMMETRY CONTROLS

Vibe guitar pedals use a bulb to control the photocells which in turn effects the speed and depth of the vibe. The way the bulb is set has a strong influence on the type of tone the vibe produces. This is one of the reasons Vibe pedals all sound different. The Vibe-1968 has a 'Bulb' control on the front panel, this allows you to dial in an exact bulb setting, shifting the overall type of tone of the Vibe-1968. Furthermore the Bulb setting for side A and B can be set independently, so you can shift from a classic throb or chewy type vibe tone to an almost wah-like or even rotary speaker sounds just by switching channels.



Showing the 'Alt' controls listed below the main function.

HOW TO ADJUST THE BULB

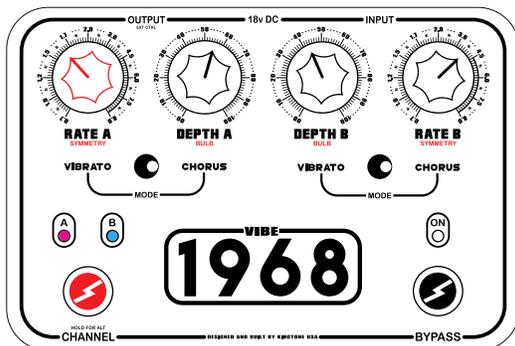
Holding down the "Channel" Foot-Switch allows you to access the 'Alt' Controls. They are **Symmetry** and **Bulb**, shown here in red. To make a change to these settings do the following:

Hold the 'Channel' Foot-Switch, make the adjustment to **Symmetry** or/and **Bulb**, release the Foot-Switch. To retain the setting, press the **bypass** Foot-Switch.

DEFAULT SETTING:

To set the 'Bulb' to the default setting for side **A** or **B** do the following:

1. Set the 'Depth' to zero on the channel you want to adjust
2. Press and hold the 'Channel' Foot-Switch
3. Adjust the 'Bulb' control until you hear the darkest tone, this will be near the middle of the dial
4. Release the Foot-Switch.
5. To retain the setting, press the **bypass** Foot-Switch.



Showing the 'Alt' controls listed below the main function.

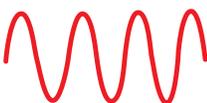
HOW TO ADJUST THE SYMMETRY

The symmetry control lets you smoothly adjust the symmetry of the waveform that controls the bulb brightness. Turning the control below the halfway mark making the wave more pulse-like which is great for "throb" type tones. Moving the control above halfway gives you a long slow wave which only briefly dips, this produces a very smooth and chewy vibe effect.

Hold the 'Channel' Foot-Switch, make the adjustment to **Symmetry** or/and **Bulb**, release the Foot-Switch. To retain the setting, press the **bypass** Foot-Switch.



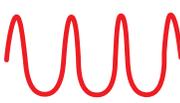
SYMMETRY



Wave Shape



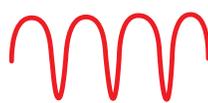
SYMMETRY



Wave Shape



SYMMETRY



Wave Shape

DEFAULT SETTING:

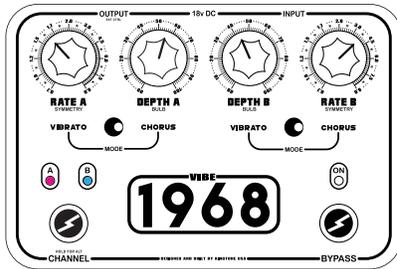
To set the 'Symmetry' to the default setting for side **A** or **B** do the following:

1. Press and hold the 'Channel' Foot-Switch
3. Adjust the 'Symmetry' control to the middle of the dial, 12 O'clock position
4. Release the Foot-Switch.
5. To retain the setting, press the **bypass** Foot-Switch.

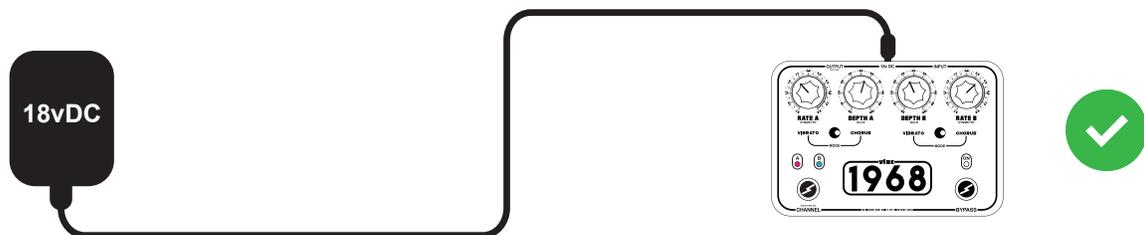
VIBE 1968

POWERING THE VIBE-1968

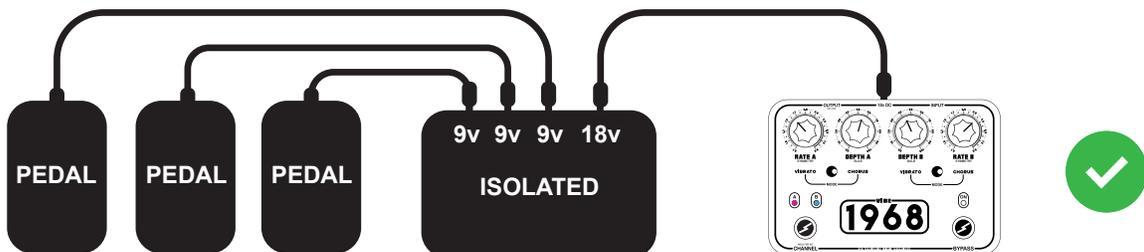
The Vibe-1968 must be powered from an isolated 18v DC supply of 100ma or more. Before you plug the Vibe-1968 in make sure that it is 18v DC, using a power-supply that delivers 18v AC will damage the unit. Failure to use an isolated supply could cause unwanted noise, so make sure it is isolated.



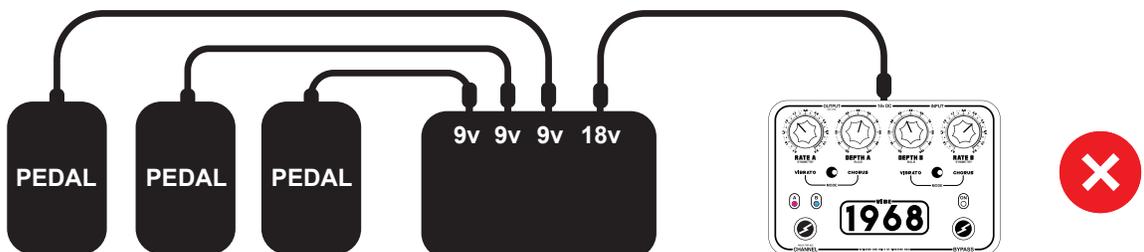
The white “ON” LED will **flash** if the power supply is the incorrect voltage. This means you are either using a 9v or 12v DC power supply or that the 18v power supply is not supplying enough current, if this is the case make sure the power supply will supply at least 100ma at 18vDC. You can also power the vibe using a voltage doubler cable, this uses two isolated 9v outputs to give you 18v.



Using a single power supply will provide ideal power for the vibe



Using an isolated power supply is an ideal setup and will keep noise from other pedals away from the vibe and vice versa

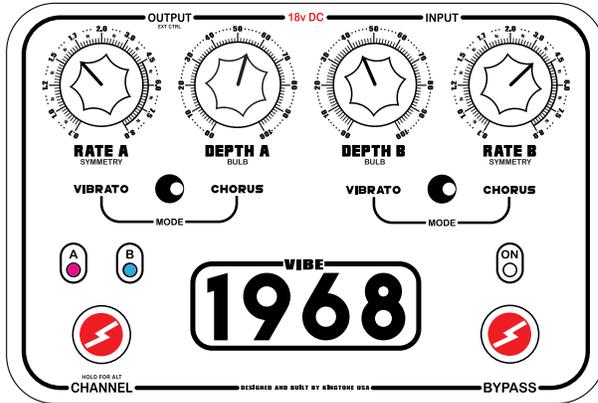


Using a non isolated power supply and sharing it with other pedals can cause unwanted noise and is not recommended This wont cause damage to the pedal but if you encounter unwanted noise, switch to an isolated supply

VIBE 1968

USING AN EXTERNAL EXPRESSION PEDAL

The Vibe-1968 accepts any standard 10k expression pedal. Using an external expression pedal allows you to control the speed, bulb, change channels or even do both. You can also plug in external switches to control the speed or speed and bypass of the pedal, this allow you to store the Vibe-1968 in a pedal rack unit and control it externally, either with a pedal switcher or a passive on/off switch.



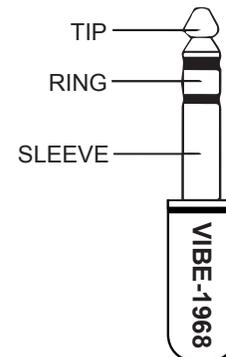
HOW TO USE AN EXPRESSION PEDAL

To use an expression pedal use the correct adapter cable, remove the DC cable, hold both foot switches and plug in the DC cable. This will allow you to then select the desired function for the expression pedal.

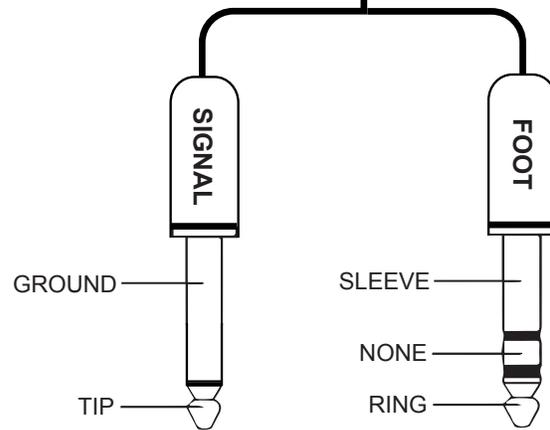
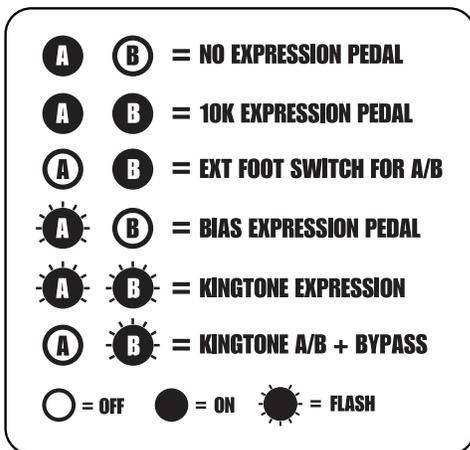


SETUP THE EXPRESSION PEDAL

1. Remove the DC power
2. Hold both foot switches
3. Plug in DC power and release both foot switches
4. Select the desired option
5. If needed, calibrate the expression pedal by rocking it back and forth
6. Press the bypass foot switch to save settings



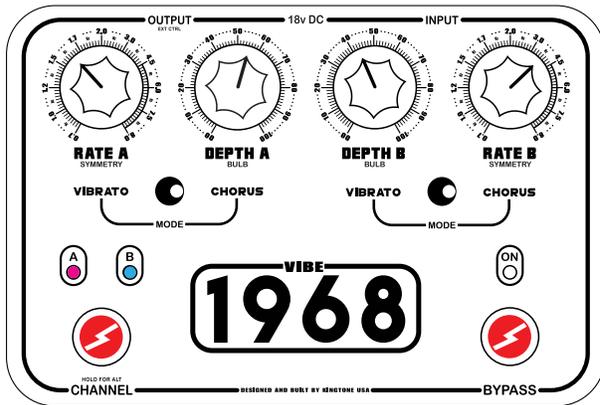
EXPRESSION MODES



VIBE 1968

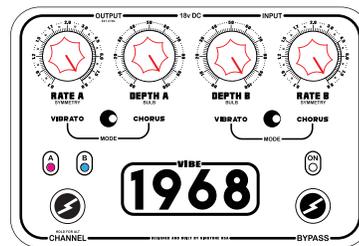
SECRET MENU AND ADDITIONAL SETTINGS

The secret menu lets you make fine adjustments to the inner workings of the pedal. You can adjust the fastest and slowest speeds, the ramp speed, which is the tone it takes to change from one speed to another, And you can set this to zero if you want an instant change. You can also adjust the global depth of the Vibe-1968. There is also an internal trimmer that allows you set to the input impedance anywhere between vintage, which gives you a dark classic tone, all the way to modern which is bright and airy sounding.



To enter the secret menu press and hold both foot-switches for 10 seconds. In this mode you are able to adjust the ramp speed, global depth, slowest speed and the fastest speed.

When in the secret menu, set all controls to full and press the bypass foot-switch to set to factory default



Showing a factory reset

1. Press and hold both foot-switches for 10 seconds
2. Make adjustments to the settings
3. Press the bypass switch

To reset to factory settings turn all knobs to full and press the bypass foot switch

RAMP SPEED GLOBAL DEPTH SLOWEST SPEED FASTEST SPEED

