

# RED WITCH

*analog guitar effects pedals*

## THE EMPRESS DEUS CHORUS VIBRATO

My heartiest congratulations to you for purchasing a Red Witch Empress Deus!  
The device you are now holding in your hands offers several unique features, which you cannot find anywhere else. I strongly recommend that you read on to discover the full potential of your new pedal!

### Controls

**Mix** – This determines how much wet signal is mixed in with the dry. Wet to the right, dry to the left.

**Depth** - Allows you to control the depth of the effected sound

**Voicing** - This dial allows you to access virtually any chorus sound you could desire! It changes the delay time – it's on a pot so you've got an infinite number of chorus pedals in one box – from super spanky sparkling clean to noisy, sea sick inducing, pitch bending wobble.

Delay time determines a big part of any chorus units tone/flavour/sound - short delay creates a very pristine, airy chorus whereas longer delay time gives more 'wobble' and 'throb'. Unfortunately virtually all devices available only have one fixed delay setting – or at most a choice of two or three.....

We've designed a circuit that lets you adjust the delay time via a potentiometer – from one extreme to the other and everything in between. In its most extreme settings the device will produce some hiss – this would be expected within the last third of the voicing controls sweep.

You may hear a faint crackle as the voice control is turned – this is normal – it's adjusting a DC bias on the BBD chip. Nothing to worry about ☺

**Velocity** - This dial allows you to select the speed of the sweep. From Stand Still Slow to Ring-moddishly Fast.

**Vibe/Chorus Switch** - Choose between Chorus or Vibrato mode. When in vibrato mode you can use the voicing dial to choose from gentle, subtle pitch shifting through to wild semitone leaps. The voicing control functions in vibe mode the same way it does in chorus mode – it shifts the delay time.  
Nasty or Nice – you choose.

**Stereo Out** = The lower left socket .The Empress loves to function in stereo – harness her to two amplifiers and stand in between them – one will carry the dry signal and the other will carry the wet. The chorusing occurs in the air between the amps. Neat. If you find the wet signal to be louder than the dry simply switch the vibe/chorus switch – this will reduce the output of the wet signal.

**Colour switch** - This allows you to select between bright mode (for the sparkly of sparkly chorus tones) or dark mode (for access to the darker tones of the classic old analog chorus pedals). Access some more sparkle on the more shimmering settings. When using bright mode you will notice some top end hiss when using the more extreme voice settings (last 1/3 of the voice sweep). You get the sparkle because we are removing the high end roll off that would usually eliminate the hiss. If you don't want the hiss, use Dark Mode ☺.

**Internal slide switch** - The Empress has two different input stages – the slide switch lets you choose between them. The unit is preset by us to the higher gain input stage setting. The other position provides a little more pad and slightly different tonal response. Feel free to try both.

**Switching** - The Empress uses True Bypass switching. When she's not turned on she's just like a piece of guitar cable.

**Power** - The Empress can only be run from external nine volt adapter (Boss PSA styled is ideal - though anything with a 2.1mm barrel plug with a negative center pin is fine.). However, you can use up to 15 volts, should you desire more headroom. The Empress Deus requires a minimum of 25mA to happily run.

**Keep it clean** - only use a soft dry cloth on your pedals finish - abrasives will ruin the finish and speed up the wear on the lettering. The lettering will wear off eventually, be prepared for this - ensure you have enough canned goods and fresh drinking water .

Do Not Treat it rough - This includes; immersing it in beer or other liquids, throwing it at stuff or people, rewiring it, setting it on fire or using it as a weapon. It is a tough pedal but everything lasts a little longer with a little love.

**Red Witch Analog Limited Lifetime Warranty**

All electronics carry a lifetime warranty providing the owner purchases the pedal new and retains proof of purchase. All switches, jacks, potentiometers and other mechanical parts are warranted for one year after the date of purchase or for four years when the owner goes to [www.redwitchpedals.com](http://www.redwitchpedals.com) and registers their pedal. As well as an extension of your mechanical warranty you will be informed of new pedals and other guitar gizmos as we invent them! All external fixtures finish, lettering and knobs are not warranted.

Damage or failure of product due to misuse will void the warranty. All repairs must be made by Red Witch Analog only. Unauthorized repair/modification will result in void of warranty - if it broke, let us fix heem.

Don't Forget To Visit Us At; [www.redwitchpedals.com](http://www.redwitchpedals.com)

all content copyright 2021 red witch analog pedals