

RED WITCH

analog guitar effects pedals

MOON PHASER MANUAL /WARRANTY

Thank you for purchasing a Moon Phaser
We are sure that by following the enclosed instructions you will enjoy years of happy phasing.

Controls

Three simple knobs control the devices parameters.

Velocity - turn clockwise for super slow phase, counter-clockwise for super fast phase.

Trajectory - controls the shape of the phase - full phase turn c/wise, no phase (notch filter) turn c/c/wise.

Cosmology - this selects the units function. A six way rotary switch lets you choose from 4 phasers,
1 tremolo and 1 tremophase.

Footswitch - this is true bypass, which means that when the pedal is not engaged there is no signal degradation or tone sucking - the pedal just becomes part of your guitar cable.

In - plug your guitar into the right hand side of the pedal - this also acts as a battery switch.

Out - plug your amp into the left hand side of the pedal.

Power Adapter in - this must be a nine volt, D.C. regulated supply - We recommend the boss P.S.A. unit with the barrel Positive. The Polarity Is Very Important

Loving your Pedal

Do.....Ensure that it always has a fresh battery. You'll know it's time to change because the phaser will sound dull and/or distorted. When you hear this change the battery by removing the four screws in the back plate and gently removing the cover. Slide the old battery out and connect the new battery.

Replace cover and you are back in glorious

PHASERLAND

Those of you with high output pickups may want to slide the little black switch on the circuit board, by the little round black thing, to the opposite position. This will pad your input slightly and avoid any overloading. Keep it clean - only use a soft dry cloth on your pedals finish - abrasives will ruin the chrome 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 two years when the owner returns the following information to warranty@redwitchanalogpedals.com

Name of purchaser, Date of purchase, Location of purchase, your email address and pedal serial number.

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.

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The Pentavocal Tremolo

My heartiest congratulations to you for purchasing a Red Witch Pentavocal Tremolo!
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

Velocity - This dial allows you to select the speed of the tremolo. From Super Slow to Super Fast.

Depth - Allows you to control the depth of the effected sound (how ironic).

Volume - Select from zero output to well above unity gain - this enables you to never be faced with the heinous volume drop that many trem pedals have when they're providing really deep tremming.

Bottom - Yes - we've labeled one of the controls bottom - not out of homage to a British comedy series or to the shapely derrière of the fairer sex, but as a totally new option for tremolo users.

The Bottom control allows the user to dial in the amount of mid range and hi frequency cut or low frequency cut that occurs as the volume decreases in the trem cycle. Simply put; Turn the bottom control all the way to the left and as volume decreases all the low end disappears, but set it all the way to the right and you'll find that as the volume decreases all of the hi end and midrange disappears. Set it to the center and you'll find that it operates a normal trem would - the volume drops across all frequencies. You can of course dial in as little or as much of this effect as you like. Turning the Bottom control fully clockwise whilst having the depth fully clockwise also allows you to access an asymmetrical wave which sounds incredibly pretty at high velocity.
Lucky old you.

Voicing - A five way rotary switch that lets you choose from 5 differently voiced tremolo settings. Low and throbbly to high and shimmery.

Tremulate Footswitch - Bring the effect into the signal path by clicking this one. Truebypass switching.

Wave Footswitch - Allows you to jump from a lovely smooth tremolo over to a hard square chop by simply depressing your foot....Bad foot, ugly, good for nothing foot..stinky foot.

Power - The Pentavocal trem can be powered from either a nine volt battery or an external nine volt adapter (Boss PSA styled is ideal - though anything with a 2.1mm barrel plug with a negative center pin is fine.). This pedal uses some sneaky circuitry to lift the internal voltage up to 17 regulated volts - the benefit of this is far greater headroom. You must not run any DC power supply with an output of more than 11 volts into the unit. The unit is current hungry - we recommend using a power adapter rather than batteries.

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The FUZZ GOD II

My heartiest congratulations to you for purchasing a Red Witch FUZZ GOD II! Prepare to unleash your omnipotence!!

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

Volume - This controls the output Volume - convert the masses quietly or with blasting trumpets (err, guitars). You will find that as you turn the control through the last 20% of its rotation a treble boost is added. Sizzly!

Fuzz - From a gentle break up to a singing beam of fuzz - you decide!!! Wind back your guitars volume control to clean things up. When the sputter control is counter clockwise, this control will crackle a little when turned, - it's ok, don't be alarmed, there's nothing to be afraid of.

Wrath - All gods have it and the Lord of the Fuzz is no different - click this only to smite the most brazen of unbelievers.

When engaged (by depressing the lightning bolt foot switch) you can dial up all manner of destruction; SubOctave Thunder, eternally sustained notes, squealing high frequency note corruption and a myriad number of other terrifying tones. Utter Madness.

This control interacts with the fuzz and sputter control. Try adjusting your guitars volume as well to open an even broader palette of chaos!! We recommend that you disengage this control when bypassing the pedal - to avoid any possibility of bleed oscillation.

Sputter - Choose from a smooth singing fuzz to a ragged, rough, spitty gated mess and anything in between. This control allows you to set the units "sweet spot". You'll find that spot between 12 o'clock and 5 o'clock. Ragged spittsville kicks in between 7 o'clock and 11 o'clock. You'll find that it's best to tweak this sweet spot each time you set up to play. The wonders of magical Sinful Silicon goodness! This control will crackle when turned - it's changing a dc bias - and that's ok.

Awaken - A super sturdy true bypass switch to engage the Fuzz God effect.

Lightning Bolts - Engage this foot switch to incur the wrath of the Fuzz God - crazed Oscillation and octavization effects.

Lightning toggle switch - Engage this to double your gain. Heh. Ahhhhheh. HEH.

Ear toggle switch - Engage this switch to boost treble frequencies.

Internal trim pot - inside your unit you'll see a Blue trim pot with a phillips head screw slot in it's back. This adjust the master bias on the transistors. Make it more smooth or spitty with this control.

POWER - The Fuzz God can be powered from either a nine volt battery or an external nine volt adapter (Boss PSA styled is ideal - though anything with a 2.1mm barrel plug with a negative center pin is fine.).

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The FAMULUS Distortion/Overdrive

My heartiest congratulations to you for purchasing a Red Witch FAMULUS!

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!

The FAMULUS is a distortion/overdrive pedal with two totally separate, parallel circuits inside. Each circuit has its own distinct voicing. You are able to blend between the two for any conceivable combination. Mmmmmmmmm. Unique tones.....!

Controls

Volume – Controls the overall output of the device – the output of both circuits are controlled in parallel by this control.

Tone – This is more like a presence control than a tone (don't ask why we didn't call it presence) – and like the volume dial both circuits run through it – a parallel tone control! (Presence control “ Be quiet man..... you told them it was a tone control”) It works backwards, by the way.

Gain A – This sets the distortion/OD level of the first circuit – it's a really biting, crunchy sound with masses of dynamic scope – set it really low and the guitar sounds almost clean, wind it fully clockwise and you're suddenly moved to uncontrollable head banging, power chording, 8th note chugging, metal. Yusssssssssss.

Gain B – This sets the distortion /OD level of the second circuit. This one is bitey too but it has a fat mid range punch and spank. Like it's brother, Gain B can clean up and then get down and dirty when turned clockwise.

Alchemy – This is where things get rather interesting. The alchemy control enables you to blend between to the two separate circuits – Fully anticlockwise gives you only Gain A, fully clockwise gives you only Gain B. Set it anywhere in between and you are now creating your own unique combination. Now try this (You can't see it, but I'm actually shaking with anticipation) set Gain A to a really clean setting – around 7 o'clock, then set Gain B to a dirtier setting, round 12 o'clock, now set the Alchemy control fully counter clockwise. Now play – you'll just hear the clean sound of Gain A. Now gradually wind the Alchemy control around clockwise – to say 9 o'clock – LISTEN! Clean and dirty! Dial up any variation of the two channels and their respective gain levels - an almost limitless palate with which to create your own unique sound!

Shiny Chrome Footswitch - Bring the effect into the signal path by clicking this one. Truebypass switching.

Power - The FAMULUS can be powered from either a nine volt battery or an external nine volt adapter (Boss PSA styled is ideal - though anything with a 2.1mm barrel plug with a negative center pin is fine.).

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 finish will obviously take some knocks over time, it will show signs of wear and tear as you gig with, be prepared for this - ensure you have enough canned goods and fresh drinking water.

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THE EMPRESS CHORUS VIBRATO MANUAL/ WARRANTY

My heartiest congratulations to you for purchasing a Red Witch Empress!
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.

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.

Bright switch - This allows you to access some more sparkle on the more shimmery settings (Set voicing anywhere between 7 o'clock and 11 o'clock) . Using the bright boost in more extreme settings will add significantly more top end hiss. We recommend only using it during whilst in the first ½ of the voicing controls sweep.

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 Medusa input stage setting. The other position provides a little more boost 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 (A lady's allowed to have some quirks!).

Power - The Empress can be powered from either a nine volt battery or an external nine volt adapter (Boss PSA styled is ideal - though anything with a 2.1mm barrel plug with a negative center pin is fine.).

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