

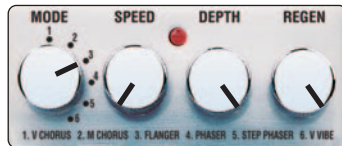
Marshall
AMPLIFICATION

RG-1 Regenerator

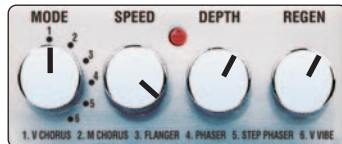


Owners Manual

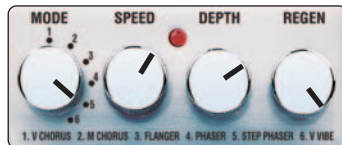
Regenerator Suggested Settings



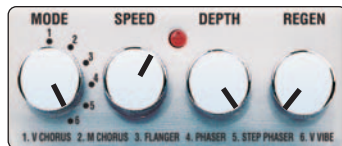
FLY BY (Amp: Clean)



SHIMMER (Amp: Clean)



LOOK AROUND YOU (Amp: Clean)



SWIRLIVERSE (Amp: Clean)



From The Chairman

I would like to personally thank you for selecting one of our effects pedals.

For over 40 years the Marshall name has been synonymous with the greatest guitar tones in music. We have worked hand in hand with guitarists from all levels throughout the world to maintain and improve that special ingredient, 'The Marshall Sound.'

Our range of effects pedals gives the opportunity to augment the classic Marshall tone to add Marshall character to a guitar set-up.

All our pedals are made with the same utmost attention to quality, in both materials and manufacture as our world renowned amplifiers, cabinets and combos, in order to provide you with optimum reliability and tone.

I would like to wish you every success with all of your musical endeavours and also your new Marshall effects pedal, which I am sure you will find a pleasure to play for many years to come.

Yours Sincerely,



WARNING!

IMPORTANT Precautions

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNING

Do not expose the apparatus to rain or moisture. Do not expose the apparatus to dripping or splashing. No objects filled with liquids should be placed on or near the apparatus. Do not use this apparatus near water.

Clean only with dry cloth.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by Marshall Amplification plc could void the user's authority to operate the equipment.

Heed all warnings.
Follow all instructions.
Keep these instructions.

European Product Only

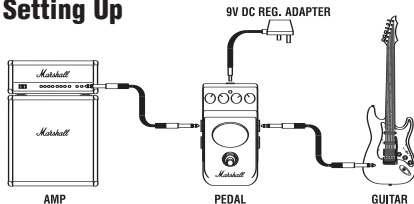


Introduction

The Regenerator RG-1 is every modulation pedal you'll need in one package. It is a stereo modulation pedal recreating six different modulation modes for you to explore giving you full control over the modulation time, modulation depth and regeneration of every mode creating a truly awesome stereo sound field.

Below is a complete run down of the Regenerator's features for your information. We have also enclosed a number of suggested settings to help guide you. It should be remembered that these are only suggested settings and you should really experiment as much as possible.

Setting Up



Always use good quality shielded leads.

Always use 9V regulated DC supply with centre negative rated at 80mA or above.

Although it may seem obvious the first action in achieving a good effected sound (be it duration / compression etc.) is to find the perfect bypassed sound. This will then allow the correct level to be set with the effect unit to allow a cut or boost in volume and a realistic tone.

On clean channels it is advisable to set the gain (or volume) to a setting of no less than one quarter maximum so as not to get unrealistic results due to any volume dependent tonal shaping on the amplifier preamp.

Features

1. 'In' Jack Socket

This is the input jack for connection to your guitar or to the output of another effects pedal when linking pedals together.

2. 'Expression' Socket

An expression pedal can be connected to this socket to control the modulation speed. Moving the pedal overrides the speed control on the pedal allowing you to increase/decrease the control as you perform.

3. 'Out 1 / Left' Jack Socket - Passive Bypass

Out 1 is connected to a passive bypass circuit. The passive bypass ensures complete tonal integrity by disconnecting the output of the effects circuit when not in operation. When a jack is connected to Out 1 the pedal operates in mono mode.

4. 'Out 2 /Right' Jack Socket - Spill-Over

Out 2 is connected to a spill-over circuit. When the pedal is switched off and the regen it has produced is allowed to 'spill' and rapidly decay over your playing while the input feeding the effects circuit is switched off. When a jack is connected to Out 2 the pedal operates in mono mode.

When jacks are connected to Out 1 & Out 2 the pedal operates in Stereo mode, the 2nd output's phase is inverted creating an even more spacious modulation.

5. Mode

The Regenerator offers six different modulation modes. Selected by switching the mode knob in to one of the six positions.

Vintage Chorus A classic chorus, adding mellow sweeps to high speed vibrato and everything in between to your sound.

Multi Chorus Based upon Marshall's classic Supervibe pedal, its unique sweeping pattern allows you to create simple sweeps through to complex ensemble sounds.

Vintage Flanger The versatile vintage flanger let's you go deep and detune your sound to extremes, turn up the regen for it to soar across your sound, or hold back to create natural flange effects.

Phaser A rich phasing effect making your sound swell with energy, creating fluid waves which wash around your tone.

Step Phaser Adding a crystal staircase effect to the phaser mode allows you to trip around its sweeping textures.

Vintage Vibe Get those good vibrations with this swirling vintage vibe mode.

6. Speed

Controls the speed of the modulation tail from fully anti-clockwise, providing slowly sweeping sounds, to fully clockwise, generating fast vibrato.

7. Depth

Controls the amount of modulation applied to the signal. For the vintage chorus, multi chorus and vintage flanger this controls the amount of delay between the direct sound and processed, greater depths causing a greater amount of detuning. For the phaser, step phaser and vintage vibe this controls the range of frequencies that are swept by the filters.

8. Regen

Controls the level of the regeneration, the amount of effect sent back to the input. Fully anti-clockwise means no signal is sent back, while fully clockwise sends gives the most signal back accentuating the sound of the modulation sweeps.

9. Foot Switch

For switching the Regenerator on and off.

10. LED

Indicates when the Regenerator is in operation.

11. DC Input

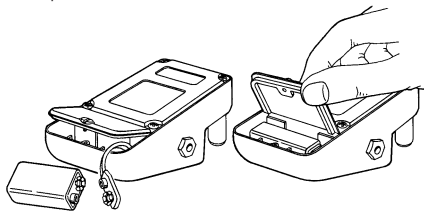
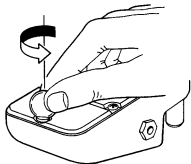
For input of a 9V DC centre negative regulated adaptor should you not wish to use batteries.

Trouble Shooting

	CHECK BATTERY	CHECK LEADS	CHECK PEDAL CONTROLS	DC INLET	CHECK AMP CONTROLS	CHECK GUITAR
WHAT IF NO OUTPUT	✓	✓	✓	✓	✓	
NOISE IN BYPASS		✓				
INDICATOR LED NOT ON	✓	✓ INPUT LEAD		✓		
SOUND TOO TREBLY OR FIZZY			✓		✓	
SOUND TOO MUSHY OR BASSY		✓			✓	
UNUSUAL FEEDBACK		✓	✓ REDUCE TREBLE		✓ REDUCE TREBLE	✓
UNUSUAL HUM		✓	✓	✓	✓ MOVE AWAY FROM AMP	
BASS FEEDBACK						✓ PICKUPS MAY BE VIBRATING

Battery Replacement

1. To replace the battery, open the easily accessed coin screw battery cover plate by loosening screw as shown, then disconnect the battery connector lead.
2. Use PP3 or equivalent battery (for improved battery life use alkaline type).
3. Always ensure that the battery is removed when the pedal is not in use for long periods.
4. Dispose of old battery in a safe place.



Technical Specification

Power: 9V DC Centre Negative Regulated

Minimum Current Draw: 80mA

Controls: Mode, Speed, Depth, Regen

Switches: On/Off Switch

Indicators: On/Off LED

Jacks: 2 Input, 2 Output 'Jack sockets'

Input Impedance: 1MΩ

Output Load Impedance: < 1kΩ

Dimensions: 120mm x 65mm x 55mm

Weight: 510 grammes