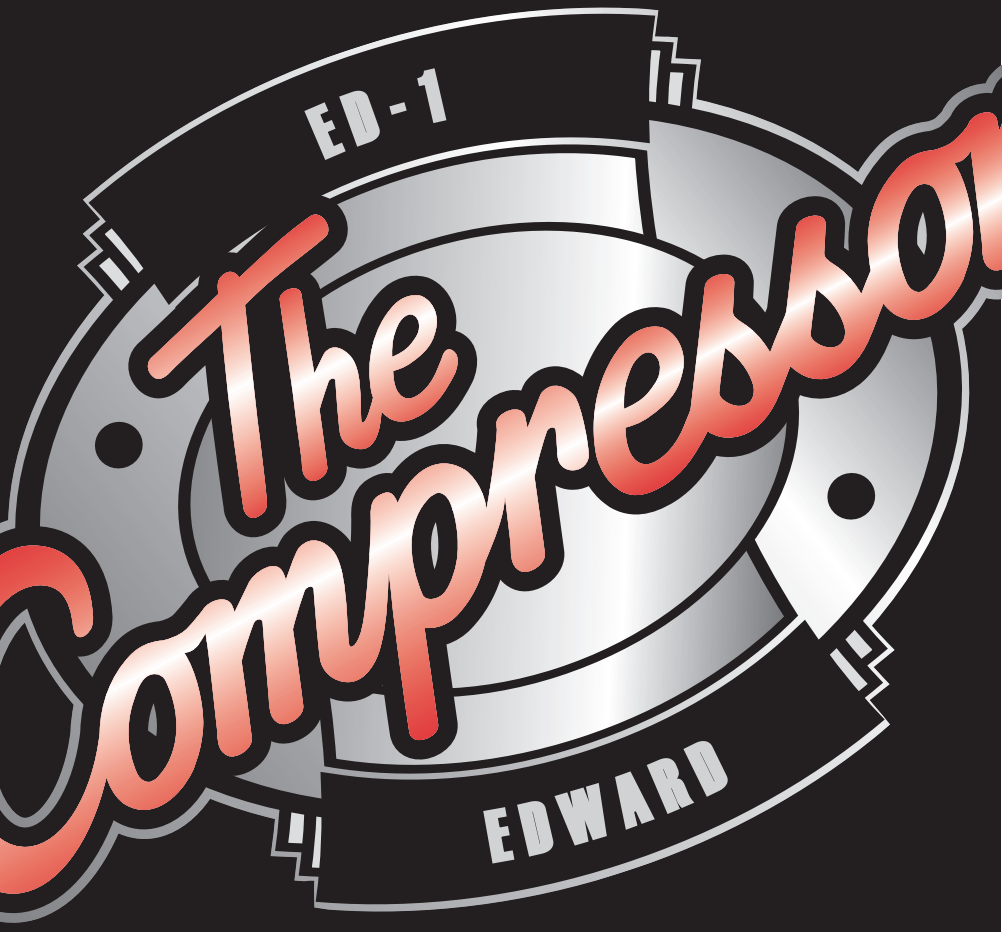
Marshall
AMPLIFICATION

ED-1 Compressor



Owners Manual

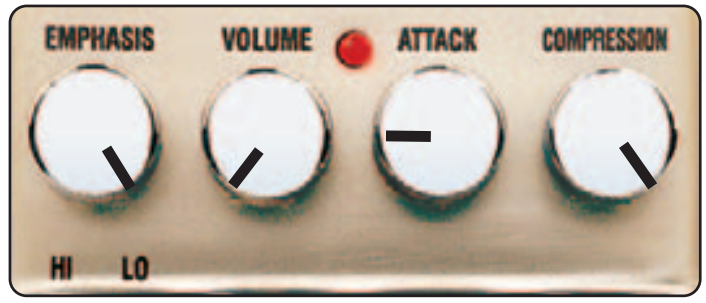
Compressor Suggested Settings



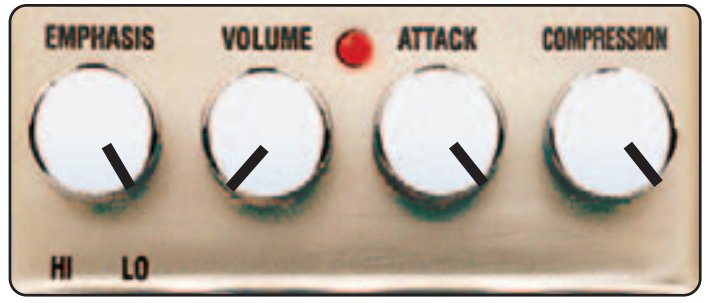
SMOOTH 'BUCKER' - Controlled strummy humbucker
(Amp: Clean)



KENTUCKY TWANGED CHICKEN - Single coil snap
(Amp: Clean)



LEG OVER JAZZ - Warm, comfortable feeling!
(Amp: Clean)



LEGATO LEAD - Controlled smooth overdrive
(Amp: O/D, but not too much gain)



Marshall FXPEDALS



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.

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 CE

ENGLISH

Introduction

Compression is perhaps one of the most useful and versatile effects available to any guitarist who is interested in improving their tone.

The purpose of the Compressor pedal is primarily to allow you to modify the sustain and attack of your guitar sound. Using classic variable gain techniques the Compressor will provide masses of clean sustain, which you can utilise whatever your style. The Compressor pedal senses the level of the incoming guitar signal and as the signal level decays the gain of the internal circuitry is boosted to provide extra level and hence sustain.

The attack control modifies the dynamic response of the guitar signal (the effect of plucking a string) and allows you to achieve a range of effects from rounded and mellow to percussive and funky.

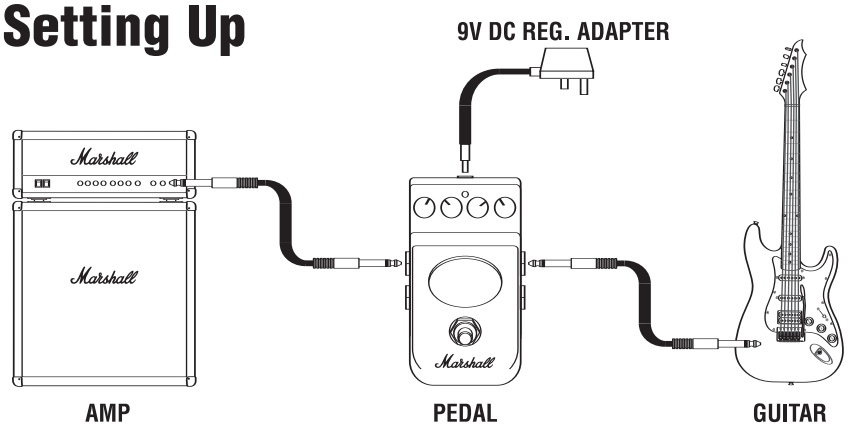
The Compressor also features an Emphasis control which allows you to assign compression and target the frequencies you want to compress. This means that you can, for example, tighten up or compress your bass notes and let your treble notes ring out.

The Compressor features a passive bypass for the main signal path to ensure complete tonal integrity and has a quality of tone matched only by its versatility.

Here follows a complete run down of The Compressor's features for your information. We have also enclosed a number of suggested settings to help guide you. It should be remembered though that these are only suggested settings and you should really take the time to experiment.

Though the Marshall Compressor can produce traditional type effects it is also ideally suited to the player who wants something a little bit different. So take the time to explore the sonic avenues opened to you by the Compressor, you won't be disappointed.

Setting Up



Always use good quality shielded leads.
Always use 9V regulated DC supply with centre negative.

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.

As is inherent in circuits of this type the increase in gain at low signal levels inevitably leads to unwanted extra noise as the circuit gain is maximum when the signal level is minimum. Many players overcome their problem with discerning use of a swell pedal or simply utilising the bypass footswitch during performance.

Features

1. Out Jack

This is the output of The Compressor and is for connection to the amplifier or to another effects pedal.

2. Emphasis
The Compressor allows you to specify which end of the aural spectrum you wish to compress. Select “Hi” if you would like to emphasise the treble in your tone to get that real twang and to compress the bass. This is useful for tight funky low note riffs with stabbing bright chords. Turning toward ‘Lo’ gives maximum treble compression and hence a ‘Lo’ emphasis.

3. Volume
Controls the volume of the pedal, allowing you to set the pedal for a boost or a drop in volume when in operation, should you so wish.

4. DC Input
For input of a 9V DC adaptor (as previously described) should you not wish to use batteries.

5. LED
Indicates when The Compressor is in operation.

6. Attack
This dictates how quickly compression comes in after pick attack. With this set at minimum you will get a rounder more spongy tone. As you increase the Attack the sound will get sharper and more metallic, which is ideally suited for funky styles.

7. Compression
This adjusts the amount of compression. The more you add compression, the more you iron out the peaks and troughs in your sound. This increases the amount of sustain and makes for a smoother guitar tone.

8. In Jack
This is the input jack, for connection to your guitar or to another effects pedal.

9. Foot Switch
For switching The Compressor on and off.

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

ENGLISH

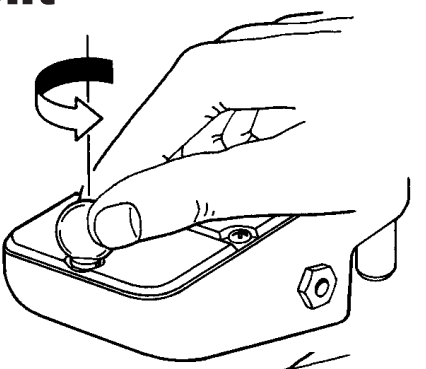
Battery Replacement

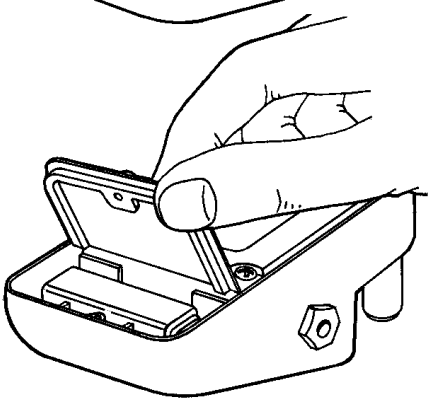
1. To replace the battery, open the easily accessed coin screw battery cover plate by loosening screw as shown, then disconnect the battery connector lead.

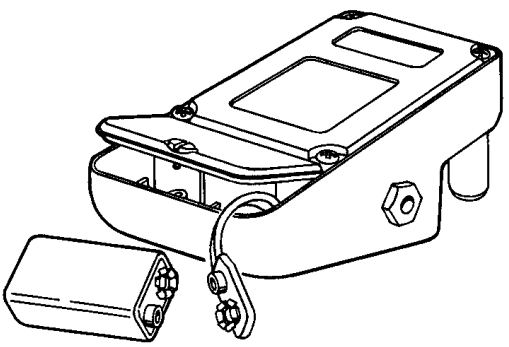
2. Use PP3 or equivalent battery (for improved battery life use alkaline type)

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
Current Draw: 5mA
Controls: Emphasis Mode Select, Volume, Attack, Compression
Switches: On/Off Switch
Indicators: On/Off LED
Jacks: Input/Output 'Jacksockets'
Input Impedance: > 1MΩ
Output Load Impedance: < 20kΩ
Dimensions: 120mm x 65mm x 55mm
Weight: 510 grammes