BRITISH PEDAL CO.

LONDON - ENGLAND

- PRODUCT MANUAL -

TABLE OF CONTENTS

Table of Contents..... 2
Warranty Information..... 3

Vintage Series Fuzz Pedals

Vintage Series MKI Tone Bender..... 4
Vintage Series MKI.5 Tone Bender..... 4
Vintage Series Professional MKII Tone Bender OC81D..... 5
Vintage Series Professional MKII Tone Bender OC75..... 5
Vintage Series Zonk Machine..... 6
Vintage Series Shatterbox..... 6
Vintage Series Buzzaround..... 7
BPC Pepbox Fuzz..... 7

Treble Boosters

Vintage Series Dallas Rangemaster Treble Booster..... 8
Vintage Series NOS Dallas Rangemaster..... 8
Compact Series Rangemaster Treble Booster..... 9
Compact Series NOS Rangemaster Treble Booster..... 9

Compact Series Fuzzes

Compact Series MKI Tone Bender..... 10
Compact Series MKII Tone Bender..... 10
Compact Series Zonk Machine..... 11
Compact Series Pepbox..... 11

About Us..... 12
Notes on Power Supplies and Components..... 13

Warranty Information

The British Pedal Company pride themselves on their quality assurance and offer an unlimited worldwide warranty on their products. If you have an issue with any of your British Pedal Company products and it is our fault then we will happily repair the pedal and send it back to you free of charge.

For advice or to return your pedal for repair please contact us in the followind ways:

Email: sales@britishpedalcompany.com
Tel: ++ 44 (0) 1302 330503

You can return pedals for service to
Unit 19 Adwick Business Park
Adwick Park Court
Doncaster, South Yorkshire
DN6 7HD, UK



MK 1 Tone Bender

The BPC MKI Tone Bender is a detailed replica of the original 1965 Metal Case Tone Bender pedal created by Gary Hurst in London, England. The BPC MKI features the same transistor specification as the original so includes 1x OC75 + 2x 2G381 this configuaration has a unique tone which cannot be replicated by the often offered 3xOC75 version. It was this version which found its way into the hands of artists such as Jeff Beck, Pete Townshend and Mick Ronson and can be heard on many classic tracks such as 'Hang onto yourself' and 'Moonage Daydream'.

Controls

Level - This controls the output of the pedal. Turn left for less and right for more volume.

Attack - This controls the amount of fuzz. Turn left for less and right for more volume.

Jack Inputs

Output - Located on the top Left. Connect this to your amplifier or next pedal.

Input - Located on the top right. Connect this to your guitar or from the output of the precceding pedal in your chain.

Power - 9V Battery only or Isolated Battery simulator



MK 1.5 Tone Bender

Often known as the mythical fuzz due to the very few original examples which exist, the MKI.5 Tone Bender was produced in 1966 and was the first tone bender that featured the iconic Grey Hammerite Aluminium Casing. The MKI.5 featured a different circuit than the earlier production MK I and consisted of a 2x OC75 transistor circuit At the time of production one of these rare fuzzes managed to find its way into Abbey Road Studios and was pictured being used by George Harrison of The Beatles.

Controls

Level - This controls the output of the pedal. Turn left for less and right for more volume.

Attack - This controls the amount of fuzz. Turn left for less and right for more volume.

Jack Inputs

Output - Located on the top Left. Connect this to your amplifier or next pedal.

Input - Located on the top right. Connect this to your guitar or from the output of the precceding pedal in your chain.

Power - 9V Battery only or Isolated Battery simulator



Professional MKII Tone Bender OC81D

The BPC MKII Tone Bender is a detailed replica of the 1966 PROFESSIONAL MK II Tone Bender pedals created by Gary Hurst. The circuit unlike the MK 1.5 had a 3 Transistor circuit which offered increased sustain. Based on production these were fitted with either OC75 or OC81D tranistsors. The OC81D model offers smoother sustain and can be heard on many classic Zeppelin tracks.

Controls

Level - This controls the output of the pedal. Turn left for less and right for more volume.

Attack - This controls the amount of fuzz. Turn left for less and right for more volume.

Jack Inputs

Output - Located on the top Left. Connect this to your amplifier or next pedal.

Input - Located on the top right. Connect this to your guitar or from the output of the precceding pedal in your chain.

Power - 9V Battery only or Isolated Battery simulator



Professional MKII Tone Bender OC75

The BPC MKII Tone Bender is a detailed replica of the 1966 PROFESSIONAL MK II Tone Bender pedals created by Gary Hurst. The circuit unlike the MK 1.5 had a 3 Transistor circuit which offered increased sustain. Based on production these were fitted with either OC75 or OC81D tranistsors. The OC75 model offers more bite than the OC81D model and can be heard on the Spencer Davis Group classic 'Keep on Runnin'

Controls

Level - This controls the output of the pedal. Turn left for less and right for more volume.

Attack - This controls the amount of fuzz. Turn left for less and right for more volume.

Jack Inputs

Output - Located on the top Left. Connect this to your amplifier or next pedal.

Input - Located on the top right. Connect this to your guitar or from the output of the precceding pedal in your chain.

Power - 9V Battery only or Isolated Battery simulator



Zonk Machine

Originally developed by Wilsic Sound for UK distributor John Hornby Skewes of Leeds, The Zonk Machine took its name from the slang for being knocked out. Tone enthusiasts around the world have been 'knocked out' by the tone of the Zonk machine for over 50 years making it highly sought after by collectors and fuzz enthusiasts around the world. On the face of it, the Zonk Machine looks very similar to the MKI Tone Bender but tonally due to its modified circuit design, it offers a different ocillation and boost to the MKI.



Controls

Fuzz - This operates as a bias for the second transistor in the circuit. Turn left for less and right for more fuzz.

Swell - This switched potentiomenter controls the amount of volume Turn left for less and right for more volume. This control must be clicked on for the pedal to operate.

Jack Inputs

Output - Located on the left. Connect this to your amplifier or next pedal.

Input - Located on the right. Connect this to your guitar or from the output of the preceding pedal in your chain.

Power - 9V Battery only or Isolated Battery simulator

Buzzaround

Designed originally in 1965 for Baldwin - Burns Ltd the Buzzaround has become one of the most sought after pedals in the world. Its unique transistor confriguration (NKT213) and controls along with unique wedge styling make it standout in a crowd. This pedal offers both vintage fuzz tones as well as classic rock tones making it sought after by tone enthusiasts and fuzz collectors around the world.

Controls

Sustain - This controls the mount of fuzz. Turn left for less and right for more Fuzz.
Balance - This controls the volume of the pedal. Turn left for less and right for more volume.
Timbre - This controls the tone of the pedal. Turn left for bass and right for more treble.



Jack Inputs

Output - Located on the front right. Connect this to your amplifier or next pedal.

Input - Located on the ront left. Connect this to your guitar or from the output of the preceding pedal in your chain.

Power - 9V Battery only or Isolated Battery simulator

Shatterbox

Designed in 1966 by Wilsic Sound for John Honrby Skewes of Leeds, the Shatterbox brought together the combination of the Zonk MKII Fuzz and the Hornby Skewes Treble Booster. This silicon pedal produced wild tones and was favoured by Marc Bolan of T-Rex.

.



Controls

Swell - This controls the treble boost volume. Turn left for less and right for more volume.

Fuzz - This controls the level of the fuzz circuit. Turn left for less and right for more fuzz.

Jack Inputs

Output - Located on the top left. Connect this to your amplifier or next pedal.

Input - Located on the top right. Connect this to your guitar or from the output of the preceding pedal in your chain.

Power - 9V Battery only or Isolated Battery simulator

BPC PEPBOX

The British Pedal Company PEPBOX is a detailed replica of the original unit designed by Pepe Rush for WEM around 1965. This pedal was most famously used by John Lennon at Abbey Road studios during the Revolver Session and can be seen on many photographs from the period. The pedal features 2 Germanium ACY41 Transistors as per the original unit and is housed in a metal enclosure with engraved logo and control panels.



Controls

Effect - This controls the amount of fuzz. Turn left for less and right for more volume.

Level - This controls the output of the pedal. Turn left for less and right for more volume.

Jack Inputs

Output - Located on the Left. Connect this to your amplifier or next pedal.

Input - Located on the top. Connect this to your guitar or from the output of the preceding pedal in your chain.

Power - 9V Battery only or Isolated Battery simulator

Compact Series MKI Tone Bender

Compact version of the 1965 pedal originally developed by effects wizard Gary Hurst. The MKI Tone Bender became the main tone for artists such as Jeff Beck, Mick Ronson and many more. This pedal was the founding father of British Fuzz.

Controls

Level - This controls the volume of the pedal. Turn left for less and right for more volume.

Attack - This controls the mount of fuzz of the pedal. Turn left for less and right for more fuzz.



Jack Inputs

Output - Located on the left. Connect this to your amplifier or next pedal.

Input - Located on the right. Connect this to your guitar or from the output of the preceding pedal in your chain.

Power - 9V Battery or isolated -9V Power supply. Any power supply used must be isolated and not part of a daisy chain. If the incorrect supply is used the pedal will not function and may void your warranty.

Compact Series MKII Tone Bender

The BPC Compact Series MKII Tone Bender is a detailed replica of the 1966 PROFESSIONAL MK II although in a pedal board friendly casing. The OC81D Loaded Professional MK II can be heard on many Jimmy/Led Zeppelin Tracks such as 'Whole lotta love'.

Controls

Level - This controls the volume of the pedal. Turn left for less and right for more volume.

Attack - This controls the mount of fuzz of the pedal. Turn left for less and right for more fuzz.



Jack Inputs

Output - Located on the left. Connect this to your amplifier or next pedal.

Input - Located on the right. Connect this to your guitar or from the output of the preceding pedal in your chain.

Power - 9V Battery or isolated -9V Power supply. Any power supply used must be isolated and not part of a daisy chain. If the incorrect supply is used the pedal will not function and may void your warranty.

Compact Series Zonk Machine

This pedal is based on the original John Hornby Skewes Zonk Machine MKI pedal produced in Leeds England in 1965 – 1966. The Zonk machine is tonally similar to the MKI Tone Bender offering Driven Fuzz tones. Based on limited production originals are exceptionally scarce.

Controls

Fuzz - This controls the mount of fuzz of the pedal. Turn left for less and right for more fuzz.

Swell- This controls the volume of the pedal. Turn left for less and right for more volume.



Jack Inputs

Output - Located on the left. Connect this to your amplifier or next pedal.

Input - Located on the right. Connect this to your guitar or from the output of the preceding pedal in your chain.

Power - 9V Battery or isolated -9V Power supply. Any power supply used must be isolated and not part of a daisy chain. If the incorrect supply is used the pedal will not function and may void your warranty.

Compact Series Pepbox

The Compact Series WEM PEPBOX is a scaled down replica of the original unit designed by Pepe Rush for WEM around 1965. This pedal was most famously used by John Lennon at Abbey Road studios during the Revolver Sessions. The pedal features 2 Germanium ACY41 Transistors as per the original unit with Effect and Level controls as per the original.

Controls

Effect - This controls the mount of fuzz of the pedal. Turn left for less and right for more fuzz.

Level - This controls the volume of the pedal. Turn left for less and right for more volume.



Jack Inputs

Output - Located on the left. Connect this to your amplifier or next pedal.

Input - Located on the right. Connect this to your guitar or from the output of the preceding pedal in your chain.

Power - 9V Battery or isolated -9V Power supply. Any power supply used must be isolated and not part of a daisy chain. If the incorrect supply is used the pedal will not function and may void your warranty.

Compact Series MKI Tone Bender

Compact version of the 1965 pedal originally developed by effects wizard Gary Hurst. The MKI Tone Bender became the main tone for artists such as Jeff Beck, Mick Ronson and many more. This pedal was the founding father of British Fuzz.

Controls

Level - This controls the volume of the pedal. Turn left for less and right for more volume.

Attack - This controls the mount of fuzz of the pedal. Turn left for less and right for more fuzz.



Jack Inputs

Output - Located on the left. Connect this to your amplifier or next pedal.

Input - Located on the right. Connect this to your guitar or from the output of the preceding pedal in your chain.

Power - 9V Battery or isolated -9V Power supply. Any power supply used must be isolated and not part of a daisy chain. If the incorrect supply is used the pedal will not function and may void your warranty.

Compact Series MKII Tone Bender

The BPC Compact Series MKII Tone Bender is a detailed replica of the 1966 PROFESSIONAL MK II although in a pedal board friendly casing. The OC81D Loaded Professional MK II can be heard on many Jimmy/Led Zeppelin Tracks such as 'Whole lotta love'.

Controls

Level - This controls the volume of the pedal. Turn left for less and right for more volume.

Attack - This controls the mount of fuzz of the pedal. Turn left for less and right for more fuzz.



Jack Inputs

Output - Located on the left. Connect this to your amplifier or next pedal.

Input - Located on the right. Connect this to your guitar or from the output of the preceding pedal in your chain.

Power - 9V Battery or isolated -9V Power supply. Any power supply used must be isolated and not part of a daisy chain. If the incorrect supply is used the pedal will not function and may void your warranty.

Compact Series Zonk Machine

This pedal is based on the original John Hornby Skewes Zonk Machine MKI pedal produced in Leeds England in 1965 – 1966. The Zonk machine is tonally similar to the MKI Tone Bender offering Driven Fuzz tones. Based on limited production originals are exceptionally scarce.

Controls

Fuzz - This controls the mount of fuzz of the pedal. Turn left for less and right for more fuzz.

Swell- This controls the volume of the pedal. Turn left for less and right for more volume.



Jack Inputs

Output - Located on the left. Connect this to your amplifier or next pedal.

Input - Located on the right. Connect this to your guitar or from the output of the preceding pedal in your chain.

Power - 9V Battery or isolated -9V Power supply. Any power supply used must be isolated and not part of a daisy chain. If the incorrect supply is used the pedal will not function and may void your warranty.

Compact Series Pepbox

The Compact Series WEM PEPBOX is a scaled down replica of the original unit designed by Pepe Rush for WEM around 1965. This pedal was most famously used by John Lennon at Abbey Road studios during the Revolver Sessions. The pedal features 2 Germanium ACY41 Transistors as per the original unit with Effect and Level controls as per the original.

Controls

Effect - This controls the mount of fuzz of the pedal. Turn left for less and right for more fuzz.

Level - This controls the volume of the pedal. Turn left for less and right for more volume.



Jack Inputs

Output - Located on the left. Connect this to your amplifier or next pedal.

Input - Located on the right. Connect this to your guitar or from the output of the preceding pedal in your chain.

Power - 9V Battery or isolated -9V Power supply. Any power supply used must be isolated and not part of a daisy chain. If the incorrect supply is used the pedal will not function and may void your warranty.

BRITISH PEDAL CO.
LONDON - ENGLAND

About The British Pedal Company

The British Pedal Company brings together a team of builders and developers with over 60 years of experience in the music industry. Originally developing, designing and re-creating pedals for the JMI brand in the eary 2000s the team achieved great sucess. In 2011 the cut ties with JMI brand and in 2014 launched their own range under the new British Pedal Company.

Today ,The British Pedal Company are able to offer a far superior product due to the sheer amount of hours of research gone into improving both production and the optimisation of transistor manufacture.
All of our transistors are manufactured to our own specification ensuring improved reliability and low noise.
All our pedals are built by hand in the UK and are backed buy our lifetime warranty

We hope you enjoy and cherish your British Pedal Company effect for many years to come!

The British Pedal Company Team

Notes on Power Supplies & Components

Due to the nature of many of our pedals they are best powered using a 9V PP3 Battery (Zinc models sound the best).

On our Vintage Series pedals as well as 9V Battteries you may also be able to use an 9V Isolated Battery simulator.

The new Compact Series Pedals feature a Negative 9V input but again due to the original 1960s design these should be an isolated supply and not a daisy chain. Faliure to do this will cause an outage on your pedal and supply.

Our NOS Rangemasters feature original 1960s potentimeters. Due to the nature of how these pots are constucted you will get a slight scratching noise.

If you have any questions or queries relating to the operation of your British Pedal Company effect then please email.

sales@britishpedalcompany.com

FOLLOW US ON SOCIAL MEDIA

youtube.com/c/BritishPedalCompany
facebook.com/Britishpedalcompany
instagram.com/britpedalco/



© The British Pedal Company 2021
Universal Product Manual V1