



**BRITISH  
PEDAL CO.**

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**LONDON - ENGLAND**

**- PRODUCT MANUAL -**

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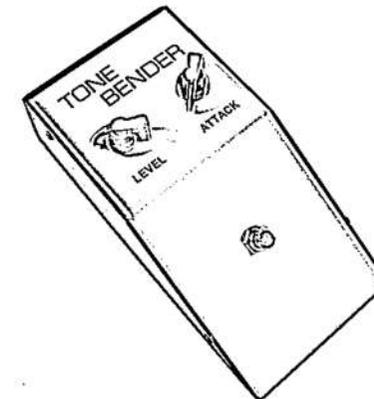
## Warranty Information

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 following ways:

Email: [sales@britishpedalcompany.com](mailto: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





## 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 early 2000s the team achieved great success. 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 by 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 batteries 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. Failure to do this will cause an outage on your pedal and supply.

Our NOS Rangemasters feature original 1960s potentiometers. Due to the nature of how these pots are constructed 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](mailto:sales@britishpedalcompany.com)

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# MK1 Tone Bender

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The BPC MK1 Tone Bender is a detailed replica of the original 1965 Metal Case Tone Bender pedal created by Gary Hurst in London, England. The BPC MK1 features the same transistor specification as the original so includes 1x OC75 + 2x 2G381 this configuration 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 preceding pedal in your chain.

**Power** - 9V battery only or isolated battery simulator



# MK1.5 Tone Bender

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Often known as the mythical fuzz due to the very few original examples which exist, the MK1.5 Tone Bender was produced in 1966 and was the first tone bender that featured the iconic Grey Hammerite Aluminium Casing. The MK1.5 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 preceding pedal in your chain.

**Power** - 9V battery only or isolated battery simulator



# Professional MKII Tone Bender OC81D

BRITISH  
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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 transistors. 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 preceding pedal in your chain.

**Power** - 9V battery only or isolated battery simulator



# Professional MKII Tone Bender OC75

BRITISH  
PEDAL CO.  
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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 transistors. 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 preceding pedal in your chain.

**Power** - 9V battery only or isolated battery simulator



# Zonk Machine

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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 oscillation 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 potentiometer 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 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



# Buzzaround

BRITISH  
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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 configuration (NKT213) and controls along with unique wedge styling make it stand out 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 amount 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 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



# Shatterbox

BRITISH  
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Designed in 1966 by Wilsic Sound for John Hornby 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

BRITISH  
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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 rear. Connect this to your guitar or from the output of the preceding pedal in your chain.

**Power** - 9V battery only or isolated battery simulator



# Dallas Rangemaster

BRITISH  
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LONDON · ENGLAND

The Dallas Rangemaster treble booster, originally produced in 1965 has been used to by many of the worlds most respected artists including Clapton, lommi , Gallagher, May, and many more... although classed as a Treble Booster the Rangemaster was used as an overdrive pedal to give a more distorted but focused tone with many classic British amplifiers that included the legendary Marshall Bluesbreaker and Vox AC30.

## Controls

**ON/OFF** - This control activates the treble booster, up for off and down for on.

**Set** - This controls the amount of treble boost. Turn left for less and right for more gain.

## Jack Inputs

**Output** - Connect the cable to your amplifier or next pedal.

**Guitar** - Located on the front panel. Connect this to your guitar or from the output of the preceding pedal in your chain.

**Power** - 9V battery or isolated battery simulator.



# NOS Dallas Rangemaster

BRITISH  
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Simply THE ULTIMATE TREBLE BOOSTER. The NOS Dallas Rangemaster is as close as you will get to an original 1965 Dallas Rangemaster without spending £1500+. This treble booster features the original 1960s Mullard 0044 Transistor as well as the original 1960s Welwyn potentiometer. All this housed in a detailed replica enclose makes this the ultimate boost!

## Controls

**ON/OFF** - This control activates the treble booster, up for off and down for on.

**Set** - This controls the amount of treble boost. Turn left for less and right for more gain.

## Jack Inputs

**Output** - Connect the cable to your amplifier or next pedal.

**Guitar** - Located on the front panel. Connect this to your guitar or from the output of the preceding pedal in your chain.

**Power** - 9V battery or isolated battery simulator.

\*Due to the nature of the components used in this pedal you will experience a slight scratching as the potentiometer is turned.



# Rangemaster Varitone

BRITISH  
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LONDON · ENGLAND

The Rangemaster Varitone takes the traditional treble booster to a new level. Introducing a new linear gain circuit and modified tone network this new treble booster offers the user a stepped variable frequency selector allowing the user to dial in the perfect sweet spot both in terms of gain and tonal performance. The new Dallas Rangemaster Varitone features a specially produced OC75 Transistor, hand selected for its optimum performance over the tonal spectrum.

## Controls

**ON/OFF** - This control activates the treble booster, up for off and down for on.

**Set** - This controls the amount of treble boost and tonal shaping. Turn left for less and right for more gain.

## Jack Inputs

**Output** - Connect the cable to your amplifier or next pedal.

**Guitar** - Located on the front panel. Connect this to your guitar or from the output of the preceding pedal in your chain.

**Power** - 9V battery or isolated battery simulator.



# Dallas Rangemaster Mullard OC44/OC71

BRITISH  
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The Dallas Rangemaster treble booster, originally produced in 1965 has been used to by many of the worlds most respected artists including Clapton, lommi , Gallagher, May, and many more... although classed as a Treble Booster the Rangemaster was used as an overdrive pedal to give a more distorted but focused tone with many classic British amplifiers that included the legendary Marshall Bluesbreaker and Vox AC30. This model features the coice of either a 1960s NOS Mullard OC44 for more driven tones or a 1960s NOS Mullard OC71 for cleaner, more glassier tones.

## Controls

**ON/OFF** - This control activates the treble booster, up for off and down for on.

**Set** - This controls the amount of treble boost. Turn left for less and right for more gain.

## Jack Inputs

**Output** - Connect the cable to your amplifier or next pedal.

**Guitar** - Located on the front panel. Connect this to your guitar or from the output of the preceding pedal in your chain.

**Power** - 9V battery or isolated battery simulator.



# MKI Wooden Case Tone Bender

BRITISH  
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The UK fuzz box phenomenon began in 1965 when electronics engineer Gary Stewart Hurst designed an effects pedal called a Tone Bender. The first production version of the Tone Bender is referred to as the Tone Bender MKI. The MKI featured a three transistor circuit that was based upon the Gibson built Maestro Fuzz-tone. This circuit was modified by Hurst to produce more sustain than its American counter part. Our wooden case model is a detailed replica of the first pre-production units created in 1965.

## Controls

**Control 1 (Left Knob)** - This controls the output of the pedal. Turn left for less and right for more volume.

**Control 2 (Right Knob)** - This controls the amount of fuzz. Turn left for less and right for more volume.

**Toggle Switch** - This turns the fuzz on and off

## Jack Inputs

**Output** - Located on the rear. 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



# Britsound Fuzz MKIII

BRITISH  
PEDAL CO.  
LONDON · ENGLAND

Based on the 1968 style MKIII Tone Bender fuzz, The Britsound Fuzz MKIII features 3x OC75 Transistors, Volume, Fuzz and Treble Control. This was the fuzz which can be seen being used by Jimmy Page in 1969 with Led Zeppelin

## Controls

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

**Treble** - This controls the amount of treble cut full on for a bass sound and off for full treble

**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 preceding pedal in your chain.

**Power** - 9V battery only or isolated battery simulator



# Rangemaster Fuzzbug MKI.5

BRITISH  
PEDAL CO.  
LONDON · ENGLAND

The Rangemaster Fuzzbug was released in late 1966 as a competitor to the already popular range of Tone Bender Pedals. Only a small handful of these original prototype pedals were produced and to many Fuzzaholics is the Holy Grail Of Fuzz. The Original Rangemaster Fuzzbug took its lead from the Original Tone Bender Design featuring a cast aluminium casing and two circuit variants, The MKI.5 Two Transistor Circuit and the MKII Three Transistor circuit. This model features 2x OC75 Transistors and a silver hammer finish.

## Controls

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

**Sustain** - 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 preceding pedal in your chain.

**Power** - 9V battery only or isolated battery simulator



# Rangemaster Fuzzbug MKII

BRITISH  
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The Rangemaster Fuzzbug was released in late 1966 as a competitor to the already popular range of Tone Bender Pedals. Only a small handful of these original prototype pedals were produced and to many Fuzzaholics is the Holy Grail Of Fuzz. The Original Rangemaster Fuzzbug took its lead from the Original Tone Bender Design featuring a cast aluminium casing and two circuit variants, The MKI.5 Two Transistor Circuit and the MKII Three Transistor circuit. This model features 3x OC81D Transistors and a blue hammer finish.

## Controls

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

**Sustain** - 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 preceding pedal in your chain.

**Power** - 9V battery only or isolated battery simulator



# Compact Series MKI Tone Bender

BRITISH  
PEDAL CO.  
LONDON · ENGLAND

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 amount 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

BRITISH  
PEDAL CO.  
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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 amount 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 MKII Tone Bender

BRITISH  
PEDAL CO.  
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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 amount 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 Pepbox

BRITISH  
PEDAL CO.  
LONDON · ENGLAND

The Compact Series 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 amount 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 Rangemaster

BRITISH  
PEDAL CO.  
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The new compact series Rangemaster offers the all the tone of our Vintage Series Dallas Rangemaster Treble Booster in a new compact format. Featuring the classic OC44 transistor this pedal offers plenty of driven boost, perfect for sending your valve amplifier into sonic heaven.

## Controls

**Set** - This controls the amount of treble boost. Turn left for less and right for more gain

## 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.



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# Compact Series NOS Rangemaster

BRITISH  
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The Compact Series NOS Rangemaster is the ultimate for tone enthusiasts who require the original 1960s tone in a small pedal format. The NOS Rangemaster features an original 1960s Mullard OC44 Transistor as well as the original 1960s style of Welwyn potentiometer.

## Controls

**Set** - This controls the amount of treble boost. Turn left for less and right for more gain

## 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.



\*Due to the nature of the components used in this pedal you will experience a slight scratching as the potentiometer is turned.

Cannot get enough of British Pedal Company gear?  
Check our our range of merch at:  
[www.britishpedalcompany.com](http://www.britishpedalcompany.com)



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