

Congratulations on your purchase of the *Fulltone*®

'70[®] Model BC-108C

Vintage Fuzzface pedals are a favorite of many artists from the '60's, '70's, and beyond, used most notably by one James Marshall "Jimi" Hendrix to get a staggering array of clean and bombastic sounds...all depending on where the guitar's volume knob was set. There were basically two versions of the Fuzzface: the earlier "Arbiter" Fuzzface (with Germanium NKT275 transistors) and the later "Dallas Arbiter" Fuzzface. (with silicon BC183L and BC108-C transistors)

The nastier, more distorted, BC108-C Fuzzface came out around 1970, and it inspired both the circuit and the name of your new Fulltone 70 pedal.

In my 20's, I spent much of my time scouring the country finding these old vintage effects that nobody seemed to want. Many of them were broken, some sounded like God, and some sounded like crap. I couldn't believe people would pay \$1000 for an original Fuzzface when the sound consistency was so hit-or-miss, so I started learning exactly what made the occasional one "magical." This eventually led to the birth of Fulltone: vintage style tones with more flexibility, more reliability, better quality, true-bypass switching w/ LED status, a DC power outlet, and at a price that was as much as 1/10th that of the original.

The 70 pedal was the 3rd or 4th release from Fulltone. Debuting in 1994 and was the quintessential version of a 1970-1973 silicon transistor "vintage Fuzzface clone." For some reason I designed the 70 into a ridiculously large enclosure considering how simple the circuit is, but it was a fairly popular pedal in my line, considering most people don't know how to use fuzzes.

The 70 sold around 4400 units during the next 15 years, using various transistors including BC183L, ECG199, 2SC828, and (my favorite) the BC108-C. At some point early along the way I added the "Mid" knob which, for the first time, allowed a silicon Fuzzface-style pedal to cut through the mix...along with the internal Bias trimmer to allow the user to get softer or harder-edged tones.

Recently I found a huge stash of my favorite Silicon transistors for this circuit, the BC-108C, so I have reintroduced the 70 in a smaller enclosure, with our proprietary "anti-pop" quiet switching circuit, better power supply filtering for less noise, and polarity protection to keep you from frying the Transistors. I hope you enjoy it or that it pushes you into some new musical direction...that's the magic of fuzz!

enjoy,



Michael Fuller/President

Features:

VOLUME knob: This controls the overall volume level when the pedal is turned ON.

MIDS knob: As you turn this knob Clockwise (CW) Midrange and gain is added...I like this knob somewhere around 12 o'clock. The **Mids** knob allows you to fine-tune to your guitar/amp configuration and cut through in a live band situation, something the original Fuzzface cannot do. You'll find a "sweet-spot" where the notes want to sustain.. stock Fuzzface sounds are located with this "Mid" knob Fully counter-clockwise. (CCW)

FUZZ knob: Turning this CW increases the amount of distortion and sustain. Like the original Fuzzface, nothing much happens until this knob gets to about 3 o'clock, and most of the gain comes on at the very end of the CW motion.

NOTE: there may be some crackling noises while turning the "Mid" and "Gain" Pots...this is normal so don't worry.

Internal BIAS Trimmer: There's an internal trimmer (pre-set by us) that affects the pedal's response and varies the feel from soft to firm, as well as overall compression and transient response...feel free to experiment with this trimmer as there is no right or wrong

Turn Clockwise to soften and compress more

Turn CCW to increase loudness, quicken tracking, and increase bottom end.

Power & Battery: This pedal is fitted with a DC jack (2.1mm shaft) for use with a power supply (not included, but we recommend our FPS-1) Always use a "regulated" power supply with Negative (-) to center pin...you may use any DC voltage from 5 to 18 volts, although 9 volts DC is the standard.

Warranty:

All Fulltone products carry a 5 year warranty to the original owner with proof of purchase. The Warranty covers damage by our errors only, and not any mod or repair done by anyone other than Fulltone without prior written consent! Footswitches are warranted for 1 year, and batteries are not covered. Customer pays shipping in advance, and all warranty work must be preceded by a phone call for scheduling. Fulltone Musical Products Inc. is not responsible for injuries incurred while using our products nor any damage to other items related or non-related to the use our products.

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Go to <http://www.fulltone.com> for email link to appropriate department