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Electro-Harmonix US BM

Electro-Harmonix Big Muff Pi Guitar Effects Pedal User Manual

Brand: Electro-Harmonix | Model: US BM

INTRODUCTION

The Electro-Harmonix Big Muff Pi is a classic guitar effects pedal renowned for its rich, creamy, violin-like sustain and crushing distortion. It has been a staple in the sound of rock guitar for over 40 years, used by legendary musicians to define their tone. This manual provides essential information for setting up, operating, and maintaining your Big Muff Pi pedal.



Figure 1: Front view of the Electro-Harmonix Big Muff Pi pedal, showcasing its iconic design with Volume, Tone, and Sustain knobs, and the footswitch.

KEY FEATURES

- Singing sustain with attitude
- Crushing distortion
- Adjustable tone
- 9V battery included for immediate use

SETUP

Follow these steps to set up your Big Muff Pi pedal:

1. **Power Supply:** The Big Muff Pi can be powered by a 9V battery (included) or an optional 9V DC power adapter (center negative). To install the battery, remove the four screws on the bottom plate of the pedal. Connect the 9V battery to the clip inside and replace the bottom plate.
2. **Connect to Guitar:** Plug your guitar into the *INPUT* jack on the right side of the pedal using a standard 1/4-inch instrument cable.
3. **Connect to Amplifier:** Plug another standard 1/4-inch instrument cable from the *AMPLIFIER (OUTPUT)* jack on the left side of the pedal to your guitar amplifier's input.



Figure 2: Top view of the Big Muff Pi, highlighting the input and output jacks for connection to your guitar and amplifier, and the power input.

OPERATING INSTRUCTIONS

The Big Muff Pi features three control knobs and a footswitch for intuitive operation:

- **VOLUME Knob:** This knob controls the overall output level of the pedal. Adjust it to balance the effect's volume with your bypassed signal or to boost your signal for solos.
- **TONE Knob:** The Tone knob allows you to sweep between a range of treble and bass frequencies. Turning it clockwise increases treble, while turning it counter-clockwise increases bass, enabling you to dial in your desired tonal character.
- **SUSTAIN Knob:** This knob controls the amount of sustain and distortion. Turning it clockwise increases the sustain and the intensity of the fuzz effect, providing a longer, more saturated tone.
- **Footswitch:** Press the footswitch to engage or bypass the Big Muff Pi effect. When the effect is active, the red LED indicator light will illuminate.

Experiment with different settings of the Volume, Tone, and Sustain knobs to discover the wide array of classic fuzz and distortion sounds the Big Muff Pi can produce.

MAINTENANCE

- **Battery Replacement:** If using battery power, replace the 9V battery when the LED indicator dims or the sound quality degrades. Always disconnect input and output cables when not in use to prolong battery life.
- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the pedal in a dry, cool environment away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your Big Muff Pi, consider the following:

- **No Sound:**
 - Check all cable connections (guitar to input, output to amp).
 - Ensure the power supply is connected correctly and functioning, or that the 9V battery is fresh and properly installed.
 - Verify your guitar and amplifier are working correctly by bypassing the pedal.
- **Weak or Distorted Sound (unintended):**
 - Replace the 9V battery if using battery power.
 - Check for damaged cables.
 - Ensure the Tone and Sustain knobs are not set to extreme positions that might cause undesirable sound characteristics.
- **Excessive Noise/Hum:**
 - Ensure you are using a regulated 9V DC power supply if not using a battery.
 - Check for ground loops in your setup.
 - Move the pedal away from other electronic devices that might cause interference.

SPECIFICATIONS

Feature	Detail
Brand	Electro-Harmonix
Model Number	US BM
ASIN	B000BQTCDO
Item Weight	1.5 pounds (approx. 680 grams)
Unit Dimensions (L x W x H)	5.5" x 2.95" x 6.88" (inches)
Packaging Dimensions	8.6 x 5.9 x 3.9 inches
Power Source	9V Battery (included) or 9V DC Power Adapter (center negative, not included)
Battery Type	Zinc Carbon

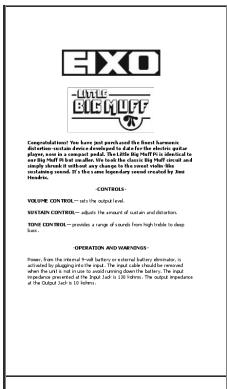
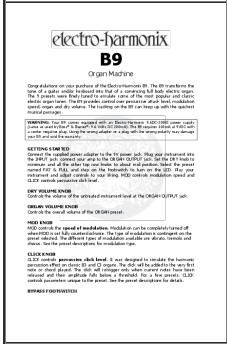
Voltage	9 Volts
Hardware Interface	1/4-inch Audio Input/Output
Signal Format	Analog
Color	White, Pink
Style	Fuzz
Date First Available	May 5, 2007

WARRANTY AND SUPPORT

For detailed warranty information, technical support, or to register your product, please visit the official Electro-Harmonix website or contact their customer service. You can also find more information and products at the [Electro-Harmonix Store on Amazon](#).

Related Documents - US BM

 <p>Deluxe Big Muff Pi Congratulations! You just purchased the most famous distortion sustain device developed to date for the electric guitar. This is the most popular distortion pedal ever made. It has a unique combination of distortion and sustain that is unequalled in the rock, country, rockabilly, blues, and jazz genres.</p> <p>FEEDBACK & SUSTAIN INPUT — from the Big Muff Pi or the Mini Big Muff.</p> <p>FEEDBACK & SUSTAIN OUTPUT — from the Big Muff Pi or the Mini Big Muff.</p> <p>SWING JACK — This is the 1/4" audio input to the Deluxe Big Muff. The input impedance is measured at the jack at 120K ohms.</p> <p>SWING — The 1/4" audio output from the Deluxe Big Muff.</p> <p>POWER JACK — The Deluxe Big Muff is powered from a 9V battery or can be run on optional 110V AC Adapter (available at most music stores). The power requirement is 110V AC, 60Hz. The power draw is 100mA when using AC Adapter. The Deluxe Big Muff has a current draw of approximately 10mA at 9VDC.</p>	<p>Electro-Harmonix Deluxe Big Muff Pi Distortion Pedal User Manual</p> <p>User manual for the Electro-Harmonix Deluxe Big Muff Pi, detailing its features, controls, operation, and warranty for electric guitar players. Learn about its harmonic distortion, sustain, MIDS EQ, noise gate, and more.</p>
 <p>Sovtek Deluxe Big Muff Pi Congratulations! You just purchased the most famous distortion sustain device developed to date for the electric guitar. This is the most popular distortion pedal ever made. It has a unique combination of distortion and sustain that is unequalled in the rock, country, rockabilly, blues, and jazz genres.</p> <p>FEEDBACK & SUSTAIN INPUT — from the Big Muff Pi or the Mini Big Muff.</p> <p>FEEDBACK & SUSTAIN OUTPUT — from the Big Muff Pi or the Mini Big Muff.</p> <p>SWING JACK — This is the 1/4" audio input to the Sovtek Deluxe Big Muff. The input impedance is measured at the jack at 120K ohms.</p> <p>SWING — The 1/4" audio output from the Sovtek Deluxe Big Muff.</p> <p>POWER JACK — The Sovtek Deluxe Big Muff is powered from a 9V battery or can be run on optional 110V AC Adapter (available at most music stores). The power requirement is 110V AC, 60Hz. The power draw is 100mA when using AC Adapter. The Sovtek Deluxe Big Muff has a current draw of approximately 10mA at 9VDC.</p>	<p>Electro-Harmonix Sovtek Deluxe Big Muff Pi User Manual</p> <p>Comprehensive user manual for the Electro-Harmonix Sovtek Deluxe Big Muff Pi guitar effects pedal, detailing its features, controls, operation, connections, and warranty information.</p>

	<p>Electro-Harmonix Little Big Muff Pi Distortion Pedal - User Manual</p> <p>User manual for the Electro-Harmonix Little Big Muff Pi, a compact harmonic distortion-sustain device for electric guitars. Learn about its controls, operation, warnings, and warranty information.</p>
	<p>DigiTech CF-7 Chorus Factory User Manual</p> <p>User manual for the DigiTech CF-7 Chorus Factory pedal, detailing its features, controls, seven chorus models, flexible output modes, CIT speaker modeling, and warranty information.</p>
	<p>Electro-Harmonix B9 Organ Machine Pedal: User Guide, Presets, and Specifications</p> <p>Explore the Electro-Harmonix B9 Organ Machine pedal. This guide details its features, 9 organ presets, controls, setup instructions, performance tips, warranty, and FCC compliance.</p>