TEPHRA

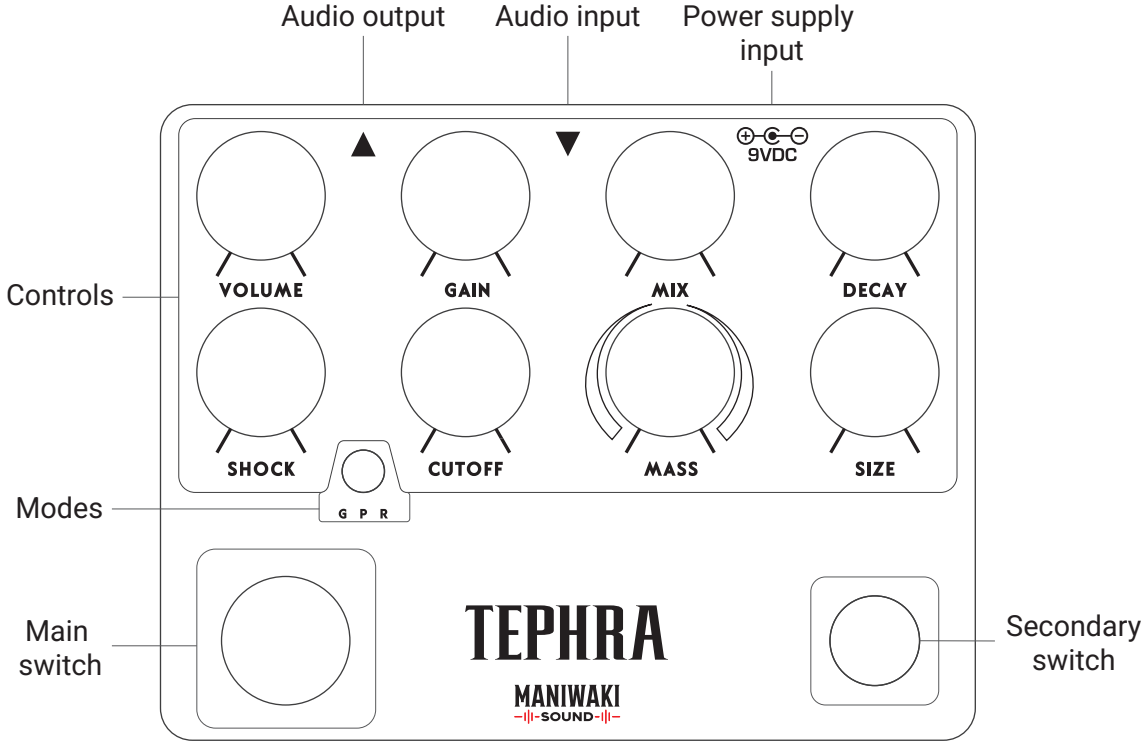
USER MANUAL

MANIWAKI

SOUND

v1.2 - 08/26

Unleash sonic eruptions with TEPHRA; a hybrid multi-effect pedal forged for players who crave more than just gain. TEPHRA blends raw analog aggression with lush reverb tails, taking it to the next level with a set of experimental textures distributed in three distinct modes. Keep reading, dive in.



SAFETY INSTRUCTIONS

Please read this manual carefully before using the product and keep it for future reference.

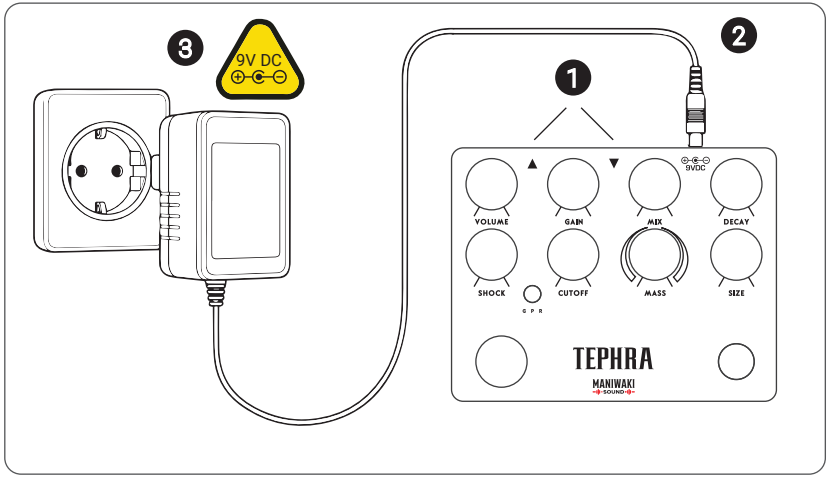
Use this product only for the purposes described in this manual. Do not open, modify, or attempt to repair the product. There are no user-serviceable parts inside. Keep the product out of reach of small children. Avoid strong impacts, drops, or any misuse that could damage the unit.

Use only a DC power supply that meets the specifications provided for this product. Verify the voltage and polarity before connecting the power supply. Using an incorrect power supply may cause permanent damage to the product.

Do not expose the product to rain, moisture, liquids, or condensation. Avoid exposure to excessive heat, direct sunlight, or extreme temperatures.

1. Connect the audio jacks
2. Plug the DC adapter to the pedal
3. Plug the AC-DC adapter to outlet.

   DC adapter:
   - Center-negative polarity
   - 9V DC voltage
   - Min current 200mA



MODES OF OPERATION

GLITCH MODE

Glitch Mode triggers a stutter effect that captures and loops a short slice of your playing when the secondary switch is pressed. The looped signal is then processed through distortion, wavefolding, and reverb. Use it to create drones, rhythmic patterns, or expressive bursts. Long switch press (> 3s) latches loop and repeats it indefinitely until the next press. Short switch press (< 3s) loops the signal momentarily, releasing the switch deletes the loop.

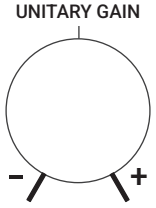
PITCH MODE

Pitch Mode places a pitch shifter between the distortion and reverb. It's active whenever any of these two effects is engaged. This versatile mode can create shimmer-style reverbs, or aggressive pitch-shifted riffs and soaring lead tones —perfect for everything from ambient layers to heavy textures.

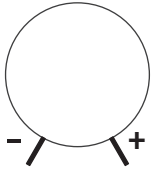
REVERSE MODE

This mode implements a reverse reverb effect, known for its dreamy, swelling sound. Popular in shoegaze and ambient music, it plays the reverb tail backward. Two knobs control modulation frequency and depth, allowing for subtle detune effects and added movement.

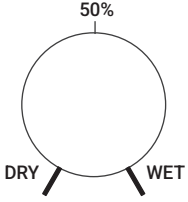
GLITCH MODE G P R



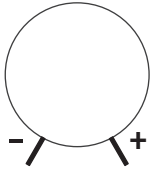
VOLUME
General effect volume. It amplifies or attenuates the output signal



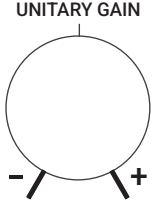
GAIN
Distorsion circuit gain



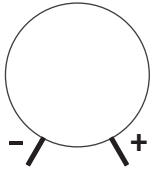
MIX
Reverb wet/dry mix. Left for just dry signal, right for just wet signal



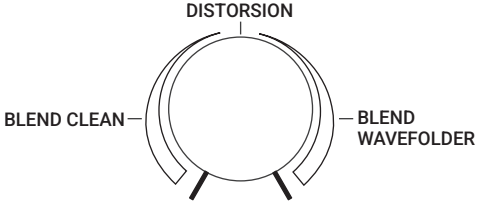
DECAY
Controls the duration of the reverb tail



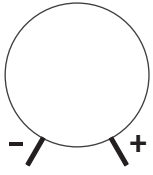
SHOCK
Glitch/Stutter time



FILTER
Removes high frequencies from the distorsion signal, as the knob is turned right

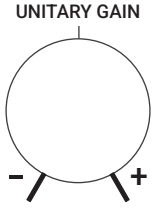


MASS
Blends in distorted signal when turned right. Past noon, it adds more distorsion by blending in a wavefolder

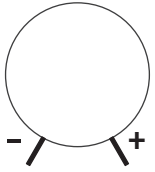


SIZE
Controls the perceived dimension of the reverb space

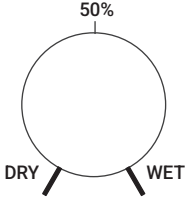
PITCH MODE G P R



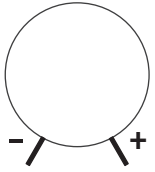
VOLUME
General effect volume. It amplifies or attenuates the output signal



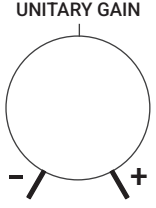
GAIN
Distorsion circuit gain



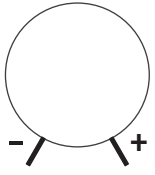
MIX
Reverb wet/dry mix. Left for just dry signal, right for just wet signal



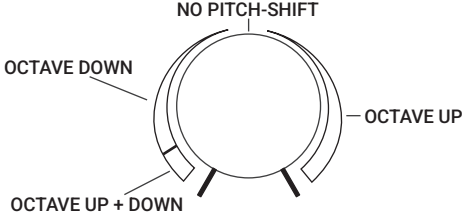
DECAY
Controls the duration of the reverb tail



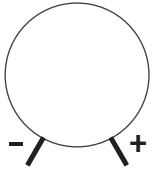
SHOCK
Distorsion circuit volume



FILTER
Removes high frequencies from the distorsion signal, as the knob is turned right

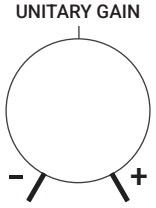


MASS
Blends in octave-up when turned right, octave-down when turned left; center is unpitched. Full left engages dual octave



SIZE
Controls the perceived dimension of the reverb space

REVERSE MODE G P R



VOLUME
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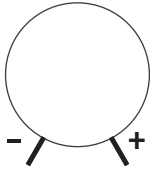

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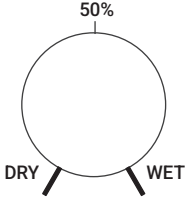
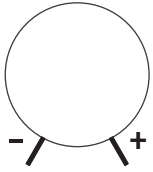
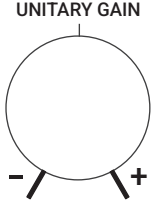
Distorsion circuit gain



MIX
Reverb wet/dry mix. Move right to blend in wet signal



DECAY
Controls the duration of the reverse tail



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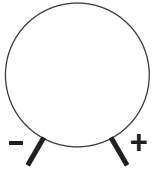

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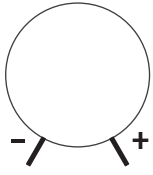
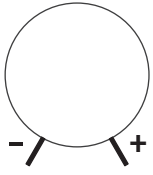


MASS
When turned right, it increases the modulation / detune frequency



SIZE
When turned right, it increases the depth of the modulation / detune

WARRANTY

All Maniwaki Sound products are designed and manufactured with the utmost care, and each unit is individually tested before leaving our facilities.

This product is covered by the applicable legal warranty in the country of purchase. The warranty covers defects in materials and workmanship that arise during the warranty period established by applicable law.

The warranty does not cover damage resulting from:

- Misuse or use contrary to the instructions in this manual.
- Modifications, repairs, or alterations carried out by unauthorized personnel.
- Impacts, drops, exposure to liquids, excessive humidity, or extreme temperatures.
- Normal wear and tear, including scratches, cosmetic marks, or finish wear.

If you believe your unit has a defect covered by the warranty, please contact us at **support@maniwakisound.com**, including your order number or proof of purchase, along with a description of the issue. Our support team will provide you with the appropriate return or repair instructions.

Please do not send the product without contacting our support team first.

TECHNICAL SPECIFICATIONS

Weight	0.5 kg
Dimensions	11.90 × 9.40 × 5.25 cm
Supply voltage	9V DC (center negative)
Current draw	Max. 200mA
Power	Max. 1.8W
Input impedance	1MΩ
Output impedance	50Ω
Bypass type	Buffered