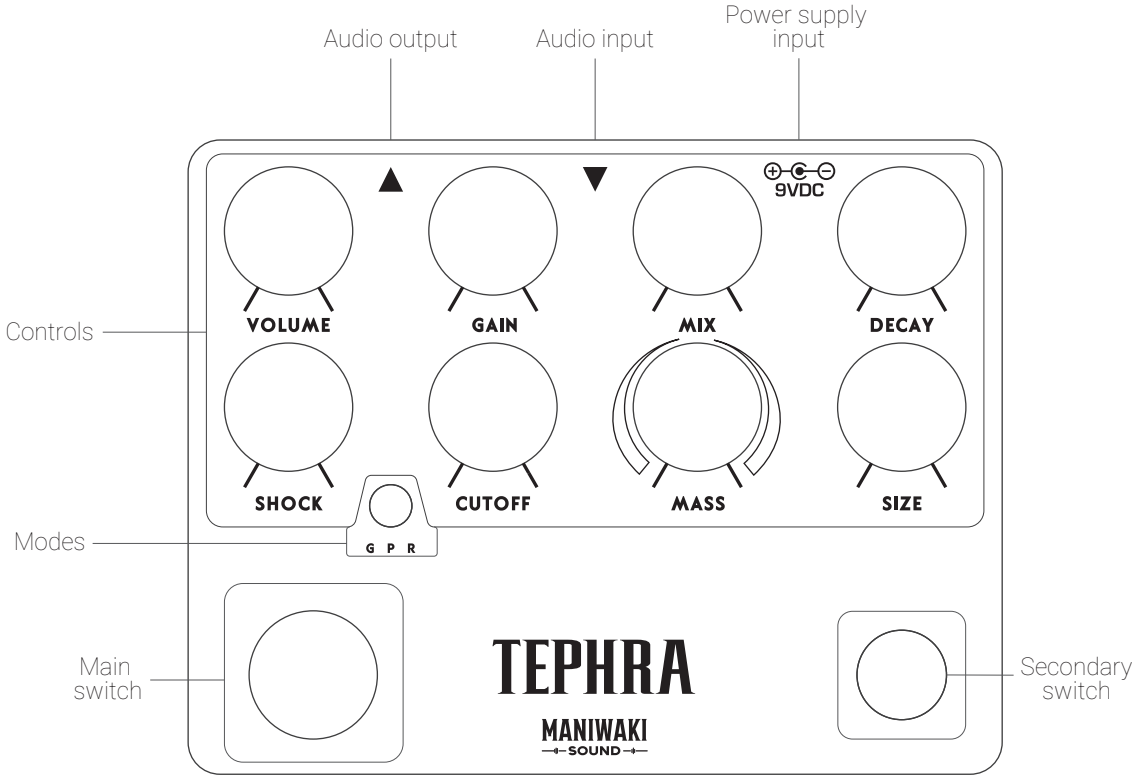
TEPHRA

USER MANUAL

MANIWAKI

SOUND

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.



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.

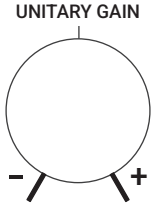
PITCH MODE

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

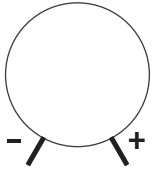
REVERSE MODE

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.

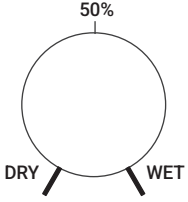
GLITCH MODE G P R



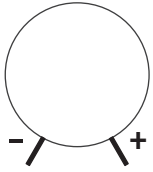
VOLUME
General effect volume. It amplifies or attenuates the output signal



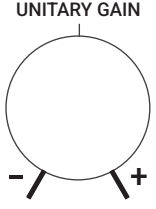
GAIN
Distorsion circuit gain



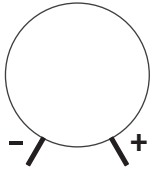
MIX
Reverb wet/dry mix. Left for just dry signal, right for just wet signal



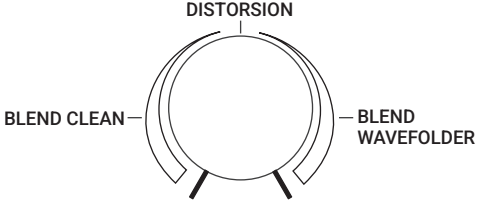
DECAY
Controls the duration of the reverb tail



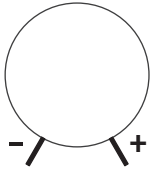
SHOCK
Glitch/Stutter time



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



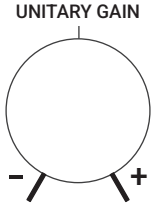
MASS
Blends in distorted signal when turned right. Past noon, it adds more distorsion by blending in a wavefolder



SIZE
Controls the perceived dimension of the reverb space

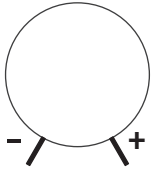
PITCH MODE

G **P** R



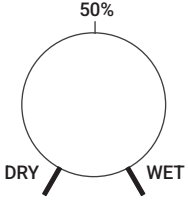
VOLUME

General effect volume. It amplifies or attenuates the output signal



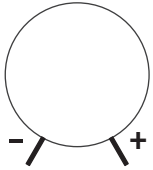
GAIN

Distorsion circuit gain



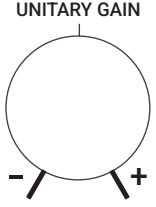
MIX

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



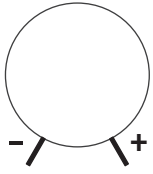
DECAY

Controls the duration of the reverb tail



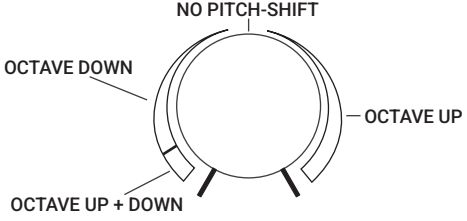
SHOCK

Distorsion circuit volume



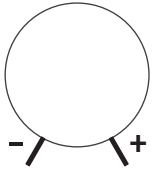
FILTER

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



MASS

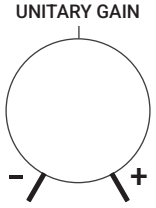
Blends in octave-up when turned right, octave-down when turned left; center is unpitched. Full left engages dual octave



SIZE

Controls the perceived dimension of the reverb space

REVERSE MODE G P R



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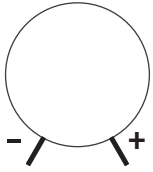

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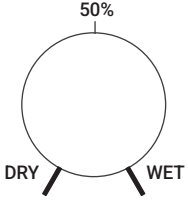
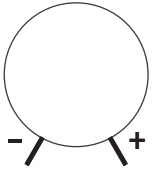
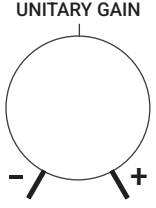


MIX
Reverb wet/dry mix. Move right to blend in wet signal



DECAY
Controls the duration of the reverse tail



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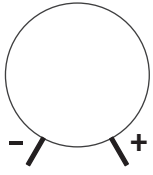
Distorsion circuit volume



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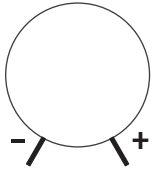
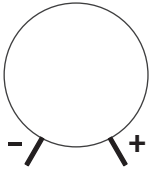


MASS
When turned right, it increases the modulation / detune frequency



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

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