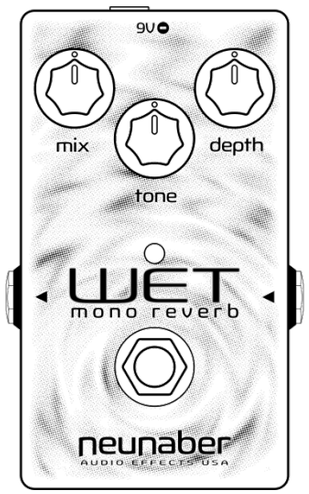
neunaber
AUDIO EFFECTS USA

# Wet Mono Reverb v4/v4tb User Guide




Thank you for purchasing the Wet™ Mono Reverb. We really mean it. We value that you have placed your trust in our product, often based solely on what you see and hear on the internet. We hope to earn that trust by delivering a quality product that inspires you to make better music.

The "tb" stands for "true-bypass". The label on bottom of the pedal specifies if you have the v4 or v4tb.

Wet™ Mono Reverb is made in Orange County, California USA. This User Guide is printed on 100% recycled paper. Please visit www.neunaber.net for more information and support.

***Warning:*** This product contains parts that are sensitive to electro-static discharge (ESD). Removing the bottom cover may expose these parts to ESD, which can result in permanent damage and voids the warranty. For this reason, we strongly advise that you not remove the bottom cover or otherwise disassemble the pedal.

## Connections

The **Power Jack** accepts a standard (5.5 mm OD x 2.1 mm ID) center-negative pedal power adapter (not included). The power adapter must be between 9V and 12V and capable of supplying 80mA or more. See www.neunaber.net for a list of recommended adapters.

If you are using a daisy-chain cable to power multiple pedals, the total of all the pedals' current (mA) ratings should be less than the current rating of the adapter.

The **Input Jack** (right side) accepts input directly from your instrument or amplifier effects loop output via a standard 1/4" (6.35 mm) phone connector.

For line-level (+4 dBu) input, we recommend keeping the Mix knob below 60% and using a 12V power adapter.

The **Output Jack** (left side) provides output to another effects pedal, an amplifier, or effects loop return via a standard 1/4" (6.35 mm) phone connector. The output is buffered and capable of driving long cables without a change in tone. If plugging into the input of an amp, you should use the low impedance (Lo-Z) input if available.

## Controls

The **Mix Knob** controls the mix between the dry signal and reverb:

- Full counter-clockwise is 100% dry
- Full clockwise is 100% reverb, typically used with a parallel effects loop
- Approximately 3 o'clock is an even mix: half dry/half wet

The taper of the Mix knob has been carefully and painstakingly tailored so that you may easily dial in just-a-touch through completely awash in reverb.

The **Tone Knob** controls the tone of the reverb only. The dry signal is not affected. Counter-clockwise is darker; clockwise is brighter.

The **Depth Knob** controls the length of the reverb tail, or in other words, the size of the acoustic space.

The **Foot Switch** bypasses the effect. The LED lights when the effect is active. Bypassing the effect does not significantly lower the power consumption, as it does not turn off power to the pedal.

### Bypassing, v4 (Standard Version)

The Wet Mono Reverb v4 implements a buffered bypass. The signal is always buffered whether the LED is on or off. The three bypass modes are:

- Buffered Trails—allows the reverb signal to trail off naturally after the pedal is bypassed
- Buffered Normal—cuts off the reverb tail immediately when the pedal is bypassed
- Two-stage Bypass—allows the reverb to trail while the footswitch is held down, then cuts off when the footswitch is released

### Bypassing, v4tb (True-Bypass Version)

The Wet Mono Reverb v4tb replaces the normal bypass with true bypass, and the bypass modes become as follows:

- Buffered Trails (same as the v4)
- True Bypass without trails
- Two-stage Bypass—allows the reverb to trail while the footswitch is held down, then switches to true bypass when the footswitch is released

### Changing the Bypass Mode

When the pedal powers on, the LED will blink to indicate the bypass mode:

| # Blinks (per sec) | Bypass Mode |
|---|---|
| 1 | Buffered Trails |
| 2 | Normal / True Bypass |
| 3 | Two-stage |

To change the bypass mode, unplug the pedal or turn off the power supply. Hold down the footswitch while re-applying power to the pedal. The pedal will cycle to the next bypass mode, and the number of blinks per second indicates the current mode.

Repeat this procedure if necessary (by removing/re-applying power) until you have reached the desired bypass mode. Release the footswitch to resume normal start-up.

## Effect Placement

Reverb should always be placed at the end of the signal chain, after any distortion or overdrive. If you are using the distortion in your amplifier, the Wet Mono Reverb should be placed in the effects loop.

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## Specifications

| | |
|---|---|
| **Electrical** | |
| Nominal Input Level, Mix < 60% | +4 dBu, line level |
| Nominal Input Level, Mix @ 100% | -10 dBV, instrument level |
| Input Impedance | 1 MΩ |
| Output Impedance | 1 kΩ |
| Gain, enabled vs. bypass | +/-0.5 dB (dry signal only) |
| Frequency Response | 20Hz—20kHz, +0.1dB, -0.5dB (dry signal or bypassed) |
| Total Harmonic Distortion | < 0.0015 % typical (dry signal or bypassed, 22Hz—22kHz, 1.0 $V_{RMS}$, 1 kHz) |
| Signal-to-Noise Ratio | 105 dB typical (22Hz-22kHz, A-weighted) |
| **Power** | |
| Power Adapter Input | 9-12 V DC, 80 mA (95 mA for v4tb), plug: center-negative, 5.5 mm OD x 2.1 mm ID |
| **Physical** | |
| Dimensions | 2.9" W, 4.6" L, 2.0" H / 73 mm W, 117 mm L, 51 mm H |
| Weight | 7.0 oz (200 g) |

*Specifications subject to change without notice.

*This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.*