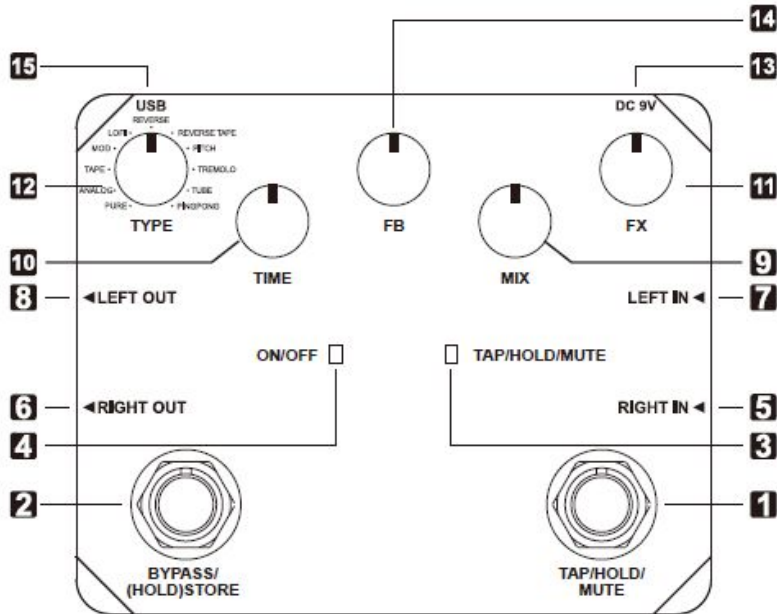




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Time Warp Manual

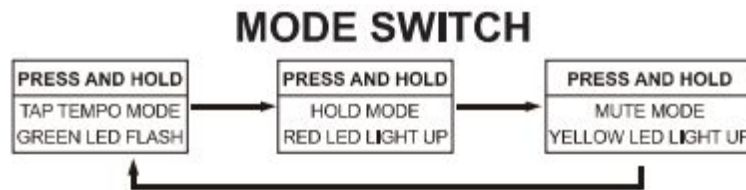
Thank you for purchasing our products. Before you use this product,
Please read the enclosed operating instructions.



1. Right footswitch

a) Mode selection

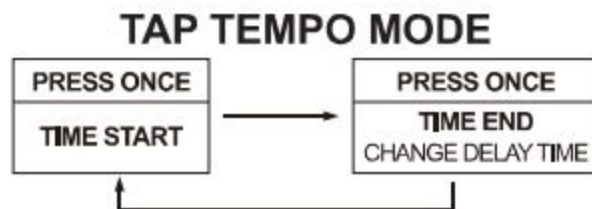
When you turn on the system, it will automatically enter TAP TEMPO mode and the green LED will flash. The flash time will be consistent with the TIME knob value. If you press and hold the right footswitch for more than 2 seconds, the system will enter the HOLD mode and the red LED will light up. If you depress and hold the switch for more than 2 seconds, the system will enter MUTE mode and the yellow LED will light up. If you depress and hold the switch for more than 2 seconds, the system will enter TAP TEMPO mode and the green LED will light up. See the below diagram to follow this cycle.



b) TAP TEMPO mode

Press the right footswitch once and record the start time. Press the right footswitch again and record the ending time. If the interval is

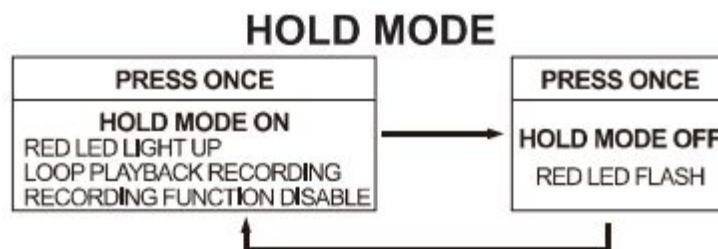
within 4 seconds, change the length of the delay time of the system immediately. If the interval is greater than 4 seconds, then the second pressing is used as the start time. You will need to press the footswitch again. See below diagram.



TAP TEMPO function is very useful because you can change the delay time with the footswitch rather than TIME knob while playing.

c) HOLD mode

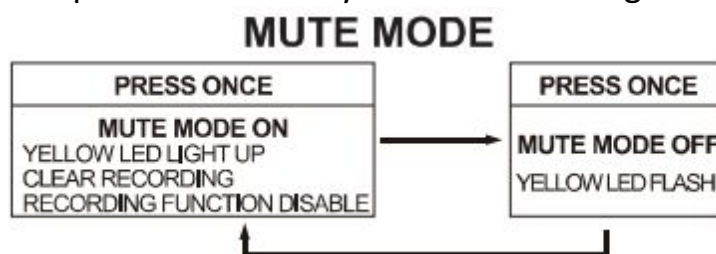
When the pedal is in HOLD mode, use the right footswitch control HOLD function. Press the right footswitch once and the red LED will light up. This disables the sound recording function and repeats the current recording. The input sound will be not recorded. Press the right footswitch again and the red LED will flash. This enables the recording function. The light's flashing time represents the delay time. See the diagram below.



The HOLD function can loop recordings and allows you to use the loops as accompaniment.

d) MUTE mode

You can use the right footswitch to control the MUTE function. Press the right footswitch once and the yellow LED will light up. This disables the recording function and all the recorded data. The input sound will be not recorded. Press the right footswitch again and the yellow LED will flash. This enables the recording function. The light's flashing time represents the delay time. See the diagram below.

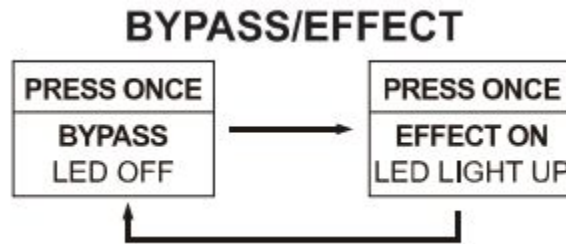


You can quickly clean unneeded voice when in MUTE mode.

2. Left footswitch

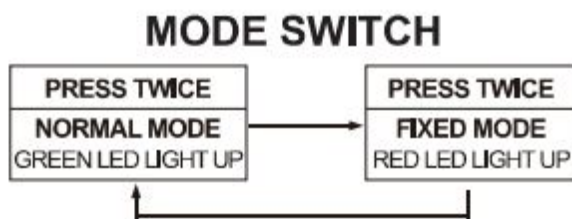
a) Bypass/Effect output

Press the left footswitch once. This turns off the LED and starts output bypass. Press the footswitch again and the LED will light up. This turns on the output effect sound. Press the footswitch once again. This turns the LED off and starts output bypass. See the diagram below to follow this cycle.



b) MODE Selection

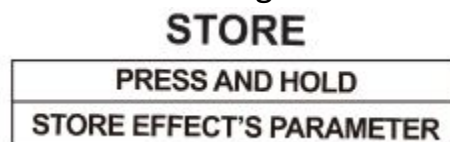
Quickly press left footswitch twice. The red LED will light up and the green LED will be off. The pedal will then enter into fixed MODE from normal MODE. In fixed mode, the last user patch parameters stored will be called directly. Quickly press left footswitch twice and the green LED will light up and the red LED will turn off. The pedal will then enter into normal MODE from fixed MODE. In normal mode, the current effect's patch parameters will be used. See the diagram below.



During a performance, you can quickly switch the modes. This lets quickly switch two tones on a single pedal and saves you the trouble of adjusting the tone parameters during the show.

c) STORE

If you press and hold the left footswitch for more than two seconds with any setting, the system will automatically save the current patch parameters for fixed mode. See the diagram below.



User Voice storage allows you to quickly use the tuned patch parameters during a performance, making it easier to play.

Mode state indicator LEDs:

- Green LED indicates TAP TEMPO mode
- Red LED indicates HOLD mode
- Yellow LED indicates MUTE mode

4. Effect state indicator LED

If this LED is on, the pedal outputs sound effects.

If this LED is off, effects will be off and the output bypass and true bypass will be on.

5. Right input jack

Connect your guitar to this 1/4" right input jack.

6. Right output jack

Connect your amplifier to this 1/4" right output jack.

7. Left input jack

Connect your guitar to this 1/4" left input jack.

8. Left output jack

Connect your amplifier to this 1/4" left output jack.

9. Mix knob

When you turn the mix knob to minimum the pedal will only output dry sound (sound coming from left and right input). When you turn the mix knob to the middle, the output sound will be 50% effect sound and 50% dry sound. When you turn the mix knob to maximum, the pedal will only output effect sound. Adjust the mix knob to a suitable level as necessary when you are playing.

10. Time knob

The time knob adjusts delay time. When the knob is turned to minimum, the delay time will be 100 milliseconds. When the knob is turned to maximum, the delay is 4 seconds (The REVERSE ECHO type and REVERSE TAPE ECHO type have only 50 milliseconds to 2 seconds delay time). The right LED flashes with the delay time as you adjust the time knob. Both the Time knob and the TAP TEMPO pedal can change the delay time of the system, but the system only uses the last change of the delay time, no matter which way it was changed. When you first turn the system on, the delay time will be consistent with the time knob setting.

11. FX knob

This pedal has 11 types of delay effects. Each delay effect on the FX knobs corresponds to an effect parameter. See the following correspondence list.

EFFECT TYPE	FX knob parameter
PURE	tone
ANALOG	tone
TAPE	tone
MOD	SPEED
LOFI	SAMPLERATE
REVERSE	tone
REVERSE TAPE	tone
PITCH	PITCH
TREMOLO	SPEED
TUBE	OVERDRIVE
PINGPONG	SPEED

12. Type knob

The type knob has 11 delay effects:

- Pure Echo
- Analog Echo
- Tape Echo
- Mod Echo
- Lofi Echo
- Reverse Echo
- Reverse Tape Echo
- Pitch Delay
- Tremolo Echo
- Tube Echo
- Pingpong Delay

Note: the type knob might fail to select the correct effect, or create intermittent sound. You will need to re-calibrate the type knob. Follow these steps:

1) Press the left and right footswitches and plug in the 9V power supply. The yellow LED will light up, meaning that the system is ready to re-calibrate.

2) Turn the types knob to the leftmost (minimum) and press the right footswitch once. The green LED light will turn into the yellow LED light. This means that the first gear has been corrected.

3) Turn the types knob to the right (to the second gear) and press

the right footswitch once. The green LED will turn into the yellow LED light. This means that the second gear has been corrected.

4) Continue to follow the steps above until you have corrected all 11 gears. The system will automatically restart and enter into normal operating mode.

13. 9V DC power

This pedal uses 9 voltage and over 500mA DC power supply.

14. FB knob

This knob controls the depth of feedback. When the knob is turned farthest to the left, the feedback depth will be minimal. When the knob is turned farthest to the right, the Turn FB knob to rightmost, the depth feedback depth will be at its maximum. You can adjust the feedback depth as you like.

15. USB interface

The USB interface can not only be used as power supply but also as a USB audio device. This USB audio device supports Windows and Mac. The device also supports Android 5.0 OS if your phone has the USB audio device function and you have OTG USB cables.

If you plug in your computer, you will see the device name (Delay-Audio).

This USB audio device interfaces support only 44.1K/16bit sampling rate and is able to meet almost all needs. Even if the sampling rate is different, the system of computer will automatically adjust.

The USB audio device provides playback and recording functions. When you need background music on a rehearsal or a show, you can connect the pedal to a computer or mobile phone with a USB cable after the new device is identified. It is especially helpful for a person to play at home or play in the wild without background music.

With this product you can record your own works with FL Studio, audition, and other professional music editing software.

You can connect this device to mobile phones with a USB cord or by using a communication app (WeChat, Twitter, Facebook, etc.) to quickly send your work and keep it from background noise.

Instructions about recording and playing with the USB audio card.
(Supported by Windows, Mac, and Android 5.0)

- Recording: Guitar→Time Maker Pedal→USB cable→The recording software

- Playing: Play Software →USB cable→ Time maker pedal→ Amplifier

Specifications

Working Current: 165mA

Input impedance: 470K Ω

Output impedance: 100 Ω

Weight: 522g (with box)

Dimensions:116*90*35mm

Accessories: 1. Manual 2. USB cable.