



MULTI MODULATE

GT2 OWNER'S MANUAL

Please read these instructions carefully for proper operating procedures for the Tone Weal GT-series.

Thank you, and congratulations on your choice of GT2-MULTI MODULATE

Before using this unit, carefully read the sections entitled: "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (separate sheet). These sections provide important information concerning the proper operation of the unit.

Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, this manual should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.

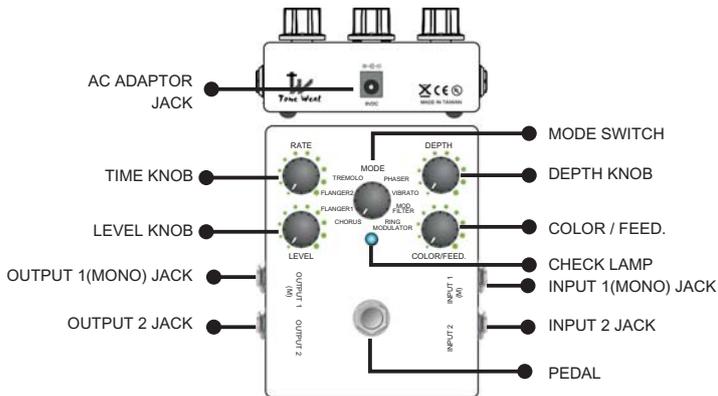
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FEATURE

- Stereo in/out.
- Gain adjustment.
- Warm Analog Flange.
- Ultra speed dsp engine design.
- 8 studio quality modulation effects.
- Two accurate parameter for easy tuning.
- True Hardwire Bypass with grounded input for noise free operation.

* All product names mentioned in this document are trademarks or registered trademarks of their respective owners. These names, as used in this manual, are for the purpose of accurately describing the sounds created with modeling.

NAME AND FUNCTIONS



INPUT 1 (MONO) & 2 JACK These jacks allowing input signals (coming from a guitar, some other musical instrument, or another effects unit).

OUTPUT 1 (MONO) & 2 JACK The output jacks are used to connect the unit to an amplifier or another effects unit.

AC ADAPTOR JACK Allowing connection of an AC Adaptor. By using an AC Adaptor 9V(200mA~500mA).

PEDAL SWITCH Used for switching effects on/off.

CHECK LAMP This indicator shows whether an effect is ON/OFF, and also doubles as the Battery Check indicator. The indicator lights when an effect is ON.

LEVEL KNOB This adjusts the volume of the effect sound. Turn the knob to the right (clockwise) to increase the effect sound.

RATE KNOB This knob to adjustment amplitude speed of the effect.

COLOR / FEED. This knob to adjustment effect with source the rate.

DEPTH KNOB This knob to adjustment specify the intensity of the effect. The higher the setting the more aggressive the effect will sound.

MODE SWITCH Selects the modulate effect preset.

CHORUS: This mode effect a Chorus effect is to split the signal and pitch modulate one of the signals slightly, then mix the two signals again. In this "regular" type of Chorus, the Chorusing effect occurs when the pitch modulated signal is played against the dry signal.
COLOR/FEEDBACK: control the HPF fc of the chorus

FLANGER1 : This mode effect as modulation effects as the Chorus effect. The signal is split, and one of the signals is pitch modulated. The characteristic "flanging" sound occurs when the pitch-modulated part of the signal is slightly delayed and fed back to the input of the effect algorithm.
COLOR/FEEDBACK: control the feedback of the flanger to increase the effect intensity

FLANGER2 : This mode effect is the negative feedback version of FLANGER1 which has different tone color
COLOR/FEEDBACK: control the feedback of the flanger to increase the effect intensity

TREMOLO:

This mode effect periodically increases and decreases the level of the signal speed. With this particular Tremolo, you can choose between sine and square or triangle curves. You can also change the pulse width.

COLOR/FEEDBACK: control the LFO type from sine wave to square wave

PHASER:

This mode effect created by splitting an audio signal into two paths. One path treats the signal with an all-pass filter, which preserves the amplitude of the original signal and alters the phase. The amount of change in phase depends on the frequency.

COLOR/FEEDBACK: control the feedback of the phaser to increase the effect intensity

VIBRATO:

The Vibrato effect modulates the pitch of the incoming signal. The result is similar to the vibrato technique used by vocalists. In contrast to a Chorus or Flanger effect, no direct signal is combined with the pitch modulated signal.

COLOR/FEEDBACK: control the feedback of the vibrato to increase the effect intensity

MODIFIER:

This mode effect auto filter it uses LFO to modulate the filter's cut-off frequency. The auto filter takes care of modulating the filter for you.

COLOR/FEEDBACK: create a step modulation of the effect

RING MODULATION:

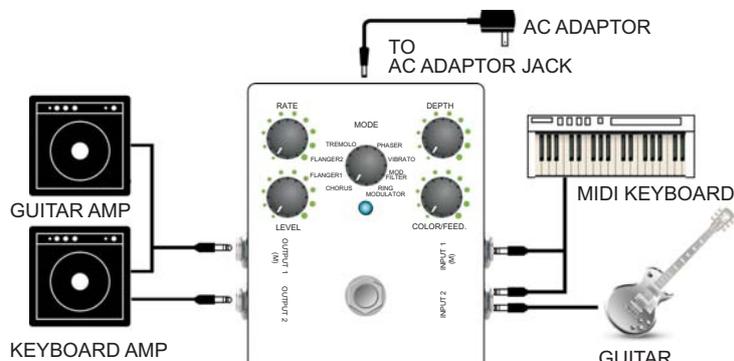
The Ring modulation is signal modulate with a sine wave, which will create a heavily detuned signal

Rate: control sine wave freq

Depth: adding noise to the effect which will give you more dirty sound

COLOR/FEEDBACK: control the LPF fc to damp the effect

CONNECTING GT2



CONNECTIONS

- To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making any connections.
- Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.
- Always make sure to have the volume level turned down before switching on power. Even with the volume all the way down, you may still hear some sound when the power is on, but this is normal, and does not indicate a malfunction.

TROUBLESHOOTING

➢ **Could the level of the sound being input be excessive?**
With some guitars, distortion may be produced. Be careful of your guitar's output level.

➢ **No sound / Low volume:**
Is the GT2-DIGITAL modulate properly connected to your instrument?
Check the connection once more

Is the volume turned down on any guitar amp or effects device you have connected?
Check the settings of the connected device.

Do you have a stereo plug connected?
This device will not operate properly with stereo plugs. Please use mono plugs.

Are you connected only to INPUT 2?
The direct sound is not output when you connect only to INPUT 2. The outputs are muted when the effect is off, and no sound is output.

SPECIFICATION

Input Level.....-20 dBu
 Input Impedance..... 1M ohms
 Output Level.....-20 dBu
 Output Impedance..... 100k ohms
 Connectors.....INPUT Jack, OUTPUT Jack, AC Adaptor Jack (9V DC)
 Power Supply.....9 V type, AC Adaptor

Size and Weight (incl. battery)
 Width.....113 mm
 Depth.....63 mm
 Height.....34 mm
 Weight.....0.3 kg

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