

The logo for Downer, featuring the word "Downer" in a white, stylized script font with a musical note symbol at the beginning.

Golden Tremolo



## Owner's Manual

### Introduction

The Golden Tremolo is inspired by the iconic optical tremolo sound coming from legendary US style combo amps, giving you a deep, natural, pulsing tremolo sound. Additional bias control is for detailed sound character control.

### Precautions

#### READ CAREFULLY BEFORE PROCEEDING

Please keep this manual in a convenient place for future reference.

#### Power Supply

Always use a DC 9V center negative AC adapter. Use of an adapter other than that specified could damage the unit or cause malfunction and pose a safety hazard.

Always connect the AC adapter to an AC outlet that supplies the rated voltage required by the adapter.

Disconnect the AC adapter from the AC outlet when during lightning storms or not using the unit for an extended period.

#### Connections

Always turn off the power before connecting or disconnecting. Make sure to disconnect all cables and AC adapter before moving the unit. This will help prevent malfunction and damages.

#### Environment Considerations

Avoid using the unit in any of the following conditions that could cause malfunction:

- Extremely hot or cold places
- Under direct sunlight
- Magnetic fields
- Near heaters and other heat sources
- Sandy or dusty places
- Places that are extremely humid or exposed to splashing water
- Places with lots of vibrations

#### Electrical Interference

Devices that are very susceptible to interference or that emits powerful electromagnetic waves (e.g. radios and

TVs) should not be placed near this unit, as interference could occur.

Electromagnetic interference could cause malfunction and could corrupt or destroy data.

Always operate this unit at a suitable distance from these devices.

#### Handling

Do not apply excessive force to the switches and other controls, exposing the unit to strong impacts, which could cause it to break.

Do not put foreign objects or liquids into the unit.

Never open the case or attempt to modify the product in any way since this can result in damage to the unit.

Clean only with a soft, dry cloth.

### Overview

#### ● Inspired By Classics

Inspired by the iconic tremolo sound coming from legendary US style combo amps, the Golden Tremolo gives you a real optical tremolo sound that is deep and natural.

#### ● Easy Controls, Wide Flexibilities

The Golden Tremolo features an easy-to-use three-knob tone control: DEPTH (effect depth), RATE (effect speed) and BIAS (waveform bias) for using in different scenarios. Each knob gives you a wide control range.

#### ● Unique Bias Control

The Golden Tremolo provides a bias

knob for controlling the bias of the pedal's optical unit, giving you access to adjust the overall sound character. Turn the knob up for a tighter, harder sound, turn the knob down for a loosened, softer sound.

### ● Carefully Selected Components

The Golden Tremolo is designed and built with carefully selected components to ensure best sound quality and road performance. The solid Aluminum-alloy chassis ensures touring reliability, and True Bypass design gives you a transparent tone.

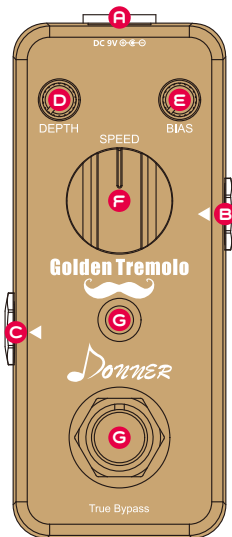
### Features

- Compact optical tremolo pedal
- 100% analog circuit
- Wide range tone controls suitable for both vintage and modern players
- True bypass provides transparent tone
- LED indicator shows the working state
- Enduring, light-weighted Aluminum-alloy chassis

### Specifications

Power Requirement: 9V DC center negative  
Current Consumption: 10mA  
Dimensions: 42x93.5x52mm  
Weight: 225g

### Connections & Controls



### A DC 9V Jack:

For power supply, use a 9-Volt DC regulated by AC adapter, 500mA (plug polarity is positive on the barrel and negative in the center).

### B Input Jack:

1/4" mono audio jack, for connecting guitar.

### C Output Jack:

1/4" mono audio jack, for connecting to an amplifier.

### D DEPTH Knob:

Controls the tremolo depth.

### E BIAS Knob:

Controls the waveform bias for fine tuning tremolo tone character.

### F SPEED Knob:

Controls the tremolo speed.

### G Footswitch and LED:

Tap to switch the unit on/off. The LED will lit up when the effect is on.

