



User Guide

Guide de l'Utilisateur

Manual do Usuário



ONERR

EFFECTS



DIGITAL DELAY DGD-2

Product Overview

Thank you for choosing an Onerr product.

The **Digital Delay DGD-2** is a 24-bit audio resolution Delay, giving musicians more versatility in the studio and better performance for live applications by using the TAP TEMPO capacity.

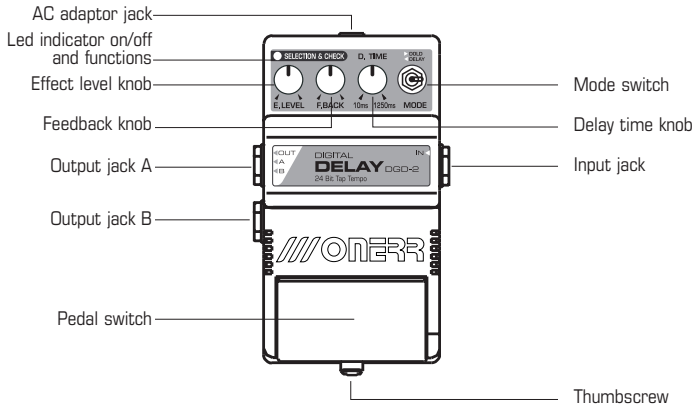
The Onerr DGD-2 is designed for all kinds of instruments and applications.

The HOLD function allows musicians to record riffs of 1250 milliseconds just by pressing and holding the pedal pad down, allowing the ability to play together with the recorded sound.



ENGLISH

Panel Descriptions



Pedal Descriptions

AC adaptor jack: AC adaptor Jack: Accepts connection of an external AC adaptor. By using an AC adaptor you can play without being concerned about the battery life.

Input Jack: Connect your instrument cord or the output of another effect pedal if you are linking pedals together.

Output Jacks A and B: These output jacks will deliver the effected sound to your amplifiers or to an input jack of another effect.

When using a single amplifier use output jack A. If you wish to use two amplifiers, connect the first unit into output A and the second unit into output B.

By using two amplifiers you will obtain a great surround effect in your sound.

Pedal: Depress to turn on/off the pedal.

Depress and hold it for about 2 seconds to turn on/off in the TAP TEMPO mode. For more instructions about how to use the TAP TEMPO mode please refer to page 7.

Thumbscrew: By loosening this thumbscrew you will gain access to the battery compartment. For instructions on how to replace the battery please refer to page 4.

Effect Level Knob: Gives you control of the level of output effect. Use this knob to blend how much delay you want in your sound.

Get more delay by turning this knob to the right, and less by turning it to the left.

Feedback Knob: Use this knob to control how much feedback you wish to add in your delay sound.

By turning it totally to the left, you will get a single delay.

By turning it to the right, you will get countless delay.

Delay Time Knob: Gives you control of Delay Time in milliseconds.

The minimum delay time of this unit is 10 milliseconds and the maximum is 1250 milliseconds.

Mode Switch: Switches the operation mode (Hold and Delay).

Hold: In this position the indicator led will light in orange. Step and hold for recording up to 1250 milliseconds.

When released you may play together with the recorded riff.

While in HOLD position the DGD-2 cannot be turned off by using the foot pedal, as it is required to determinate how long you are sampling.

The other controls will also be disabled when switched to HOLD position.

Delay: In this position the indicator led will light in red after depressing the pedal. This indicates that the DGD-2 is now working in delay mode and all knob controls are enabled.

Selection & Check: This led indicates the pedal status, having three distinct colors:

Orange: When DGD-2 is working in HOLD mode.

Red: When DGD-2 is working in DELAY mode and the TAP TEMPO function is disabled.

Green: When DGD-2 is working in DELAY mode and the TAP TEMPO function is enabled.

The Real Time Tap Tempo (RTTP)

The RTTP function is a great ally for the musician as it allows fast and accurate adjustments of DELAY TIME in real time.

To enable the RTTP function in your DGD-2 the mode switch must be switched to DELAY position. After that, please refer to the instructions below.

Depress and hold the pedal switch for about 2 seconds. If the indicator led of your DGD-2 is turned off, it will turn on in green. If the DGD-2 is already turned on in DELAY mode the indicator led will change its color to green. This indicates that now you are using the DGD-2 under TAP TEMPO function.

The RTTP mode gives you the ability to change the Delay Time by using your foot. Your hands will be free to play without being concerned about the DELAY TIME knob.

Now it is quite simple! While working in RTTP mode, to increase or decrease the DELAY TIME, you just need to depress the pedal three times in the same speed that you would wish to set up the new Delay Time. The internal DGD-2 circuitry can read the speed you stomped in real time and will assume this speed as the new Delay Time set.

If you wish to change it again, just depress three times in the new speed you desire. You can change any time you want while working in RTTP mode. To turn the effect off simply depress and hold it for 2 seconds. This will switch the DGD-2 to bypass mode.

Powering

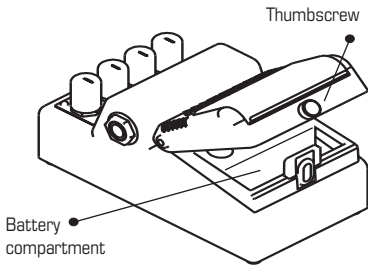
You can use a 9 volt alkaline battery (not included) or AC adaptor to power your pedal.

When using a battery, alkaline is suggested.

To install a battery, simply turn the thumbscrew to the left, gaining access to the battery compartment.

Connect the snap cord to the battery, observing the proper polarity.

When the pedal is not in use ONERR highly suggests removing the battery from its compartment to prevent possibility of leaking and damage to this unit.



⚠ Warning:

When using an AC adaptor is sure to use a compatible model for your unit, otherwise irreparable damage may be caused.

Optional Onerr AC adaptor: Onerr PA-21 or PA-23.

Power supply specifications:

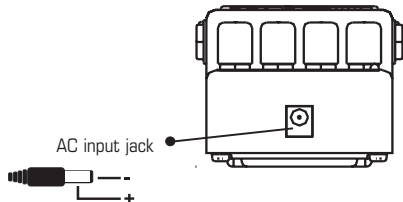
Output voltage: 9 VDC

Current capacity: 100 mA (minimum)

Output plug: 2.1 x 5.5 mm (negative center)

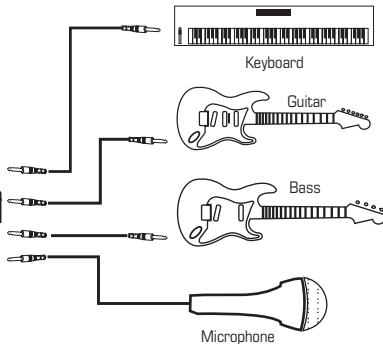
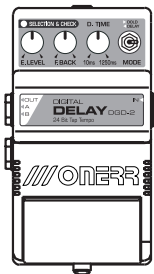
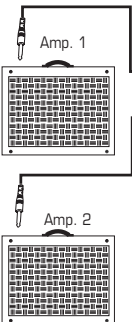
⚠ Warning:

The input jack also serves as a power switch. Power is turned on when an instrument plug is inserted into the input jack and is it turned off when disconnected. When this unit is not in use you should disconnect any cord connected to the input jack.



Making the Connections

Onerr AC adaptor
PA-21 / PA-23



Notes:

- Only use reliable cords to connect your pedals. This is to be sure you won't get troubles while playing.
- Before powering your pedals, make all necessary linking connections. In case of you need to change any connection, do not forget to turn the power off in order to not cause any damage to your units.
- Only use regulated adaptors in order to have best performance.
- Do not worry if you accidentally change the input to output cord. This will not damage your unit. Just turn the power off and reconnect it correctly.

Using this pedal safely



Warning or caution:

Instructions alerting the user to possible risks and/or injuries if the product is used improperly.



Forbidden actions:

Used to advise those actions that can't be carried out.



Before using this product be sure to read and check all instructions of this Owner's manual.



Use only reliable AC adaptors with proper line voltage. Non-reliable AC adaptors with different polarity or voltage may cause damage or malfunction and void the warranty.



Other than the battery compartment, do not open this product in any way. This will void the warranty and may cause damage to the unit if manipulated by non-authorized people.



Do not allow any kind of object or liquid to penetrate this product. This may cause irreparable damages.



Do not use or store this product in places that are:

- dusty;
- humid or damp;
- subject to very high (such as sunlight or near heating equipment) or very low temperatures;
- subject to rain.



Turn the power off and remove the AC adaptor from the outlet if any of the following conditions occur:

- the AC adaptor cord has been cut or damaged;
- this unit has been exposed to rain or some liquid has penetrated the unit;
- this product does not appear to operate normally or presents some change in performance.

Warranty

Microtronix Eletrônica Ltda warrants this unit to be free from defects in materials and workmanship for a period of 1 (one) year from date of first purchase.

This warranty does not include any kind of damage resulting from accidents, misuse, abusive, alteration to the internal circuitry or vital parts and damages caused by non-reliable AC adaptors.

If in any way this unit becomes defective within the warranty period, Microtronix Eletrônica Ltda will elect to repair or replace it free of charge.

After the warranty period, Microtronix Eletrônica Ltda will repair this unit for a fee.

This warranty is extended for residents of Brazil. Please call main office for return authorization number. Microtronix will not accept packages without prior authorization, pre-paid freight, and proper insurance.

Please call or e-mail the international distributor for warranty information.

Specifications*

Power Supply: DC 9V alkaline or AC adaptor (Onerr model PA-21 or PA-23)

Current draw: 77 mA

Controls: Effect Level, Feedback and Delay Time

Switch: turn on/off effect, Delay/Hold Mode

Indicators: indicator on/off led, Hold and Tap Tempo led.

Jacks: input, output A ,output B and AC adaptor

Input impedance: >470 Kohm

Frequency Range: 20 to 18K Hz.

Delay Time: 0 to 1250 milliseconds

AD/DA Conversion: 24 bits

Dimensions: 130 mm (D) x 74 mm (W) x 61 mm (H)

Weight : 1 lb 6 oz (635g)

*The above specifications are subject to change without prior notice.



Manufactured in Brazil by
Microtronix Eletrônica Ltda.
Printed in Brazil - 28001044
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