

JOYO

D-SEED II



DUAL CHANNEL DIGITAL DELAY

WITH LOOPER MODE



Owner's Manual

Thank you for purchasing this product!

In order to use this product properly and safely, please read this owner's manual carefully before operating this product, and keep it for future reference.

I. Intended use:

This device is intended to be used for sound processing of signals from musical instruments with electromagnetic pickups. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

II. Safety Instructions:

1. This product is precision electronic device, don't open its case for any reason on your own, if the product malfunctions due to it, you will no longer enjoy the factory warranty.
2. It contains small parts that may be a choking hazard to infants and children. Keep the plastic cover and packages away from infants and children.
3. It's for indoor use only, on electric guitars, don't use it outdoors.
4. Please note that this product is hand-held only, and keep your hands dry during use. Any other unmentioned usage or operating condition will be deemed as misuse, which may cause personal injury or property damage. We will not be liable for damages or losses arising from your misuse.
5. Recycle the packages and waste electrical equipment via correct disposal methods, the customers should comply with the related current legislation of their own country/region regarding the dispose of waste electrical equipment.
6. As for repair, only contact the repair technician for assistance.
7. Softener note - possible staining due to abrasion of the rubber feet.
8. Possible hearing damage due to high volume with using the device!
9. Fire hazard due to incorrect polarity!
10. External power supply - does the voltage specification on the device match your power supply network, is there an earth leakage circuit breaker, disconnect the device from the network when not in use.

III. Caution:

- Don't apply excessive force to the switches or controls.
- Clean only with a clean dry cloth. Don't use inflammable substances such as benzene, thinner, detergent and so on.
- Do not place it in humid areas, so as to avoid damage to the internal circuits.
- The operating voltage is DC9V, don't exceed it, otherwise the product will malfunction.
- The power adapter is not included in the packing list, please buy it separately.
- Please make sure the polarity of your power adapter is the same with what is printed on its outer housing, any error on power polarity would cause damage to the product.
- Please turn on your amplifier after this product is powered on.
- Don't dump this product with household garbage. Proper treatment can reduce pollution and health hazards. Please contact your local dealer for correct approaches.

IV. Product introduction:

JOYO D-SEED II is an updated version of D-SEED, with 8 built-in delay effects and 1 LOOPER mode, and switchable PingPong effect. Meanwhile, it features stereo input and output, TAP TEMPO function and TAP beats, besides, you can change TAP TEMPO's speed into delay effect's TIME value based on what TIME/BEAT knob's beats indicate. D-SEED II adopts dualchannel design(default), each channel can save its own delay effect and the related parameters under its own channel respectively, therefore, you can use different delay effects to polish your tone when necessary. A maximum of 2 seconds' delay (in TAP TEMPO mode) can meet most performers' needs.

D-SEED II features 8 different built-in delay effects:

SPACE: it adds REVERB effect after delay effect, obtaining spatial tone.

LO-FI: it adds desampling filter to delay effect, imitating the early electric music's lo-fi crude tone.

FILTER: it adds a periodical varied modulation filter into the delay effect, and changes with the delay time, obtaining a delay effect changed according to the beats.

TAPE: simulates the classic smooth tape delay sound.

COPY: copy your instrument's tone, without any polish.

ANALOG: offers a warm analog delay sound, like the early BBD delay effects pedals, together with the modern digital technology, you can get a maximum of 2 seconds delay time.

MODULATION: a modulation delay sound. it's characterized by wide and spatial tone, bringing out the best when you're playing the Clean tone for performance.

REVERSE: an interesting effect, it will play the delayed verse reversely, creating a quite psychedelic feeling.

V. Features:

- Stereo dual footswitch delay pedal
- 8 delay mode and 1 LOOPER mode
- TAP TEMPO footswitch and TAP beats selection
- Switchable PingPong effect
- Mixed TIME&BEATS control knob
- A maximum of 3.5minutes recording time

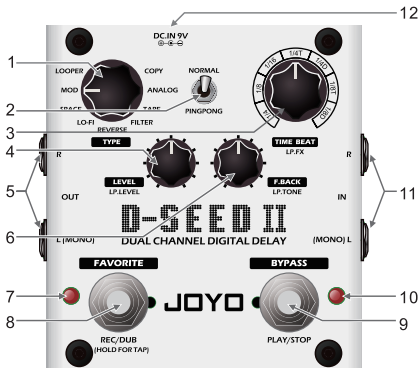
VI. Panel:

1. TYPE: 9 position switches, 8 delay modes are available, 1 LOOPER, no delay effect when in LOOPER mode.

2. NORMAL/PINGPONG: PingPong function switch, turn on/off the PingPong effect.

3. TIME BEAT/LP.FX: Adjust the TIME value in delay mode:

① Turn the knob to get the TIME value.
② When you are using the TAP TEMPO function, adjust the TIME value based on what the knob indicates.
LOOPER mode: control the depth of playback effect(similar to analog TAPE's effect)



- 4. LEVEL/LP.LEVEL:**In delay mode, it controls the level of delay effect, in LOOPER mode, it controls playback's level.
- 5. Dual Output Jack:** stereo dual output jack.
- 6. F. BACK/LP. TONE:** In delay mode, it controls FEEDBACK, in LOOPER mode, it controls playback's TONE.
- 7. Red&green LED light:** indicating FAVORITE(green light is on) or TEMPO (red light is flickering). LOOPER mode(red&green LED indicating REC/PLAY etc)
- 8. REC/DUB:** Tap the FAVORITE footswitch in DELAY mode, press and hold the FAVORITE footswitch and enter to TAP TEMPO function, in LOOPER mode, it controls LOOPER's recording and dubbing.
- 9. PLAY/STOP:** controls the delay effect's ON/OFF in delay mode and control the LOOPER playing, pause and delete in LOOPER mode.
- 10. Red &green two color LED light:** indicating DELAY switch's status(green). Indicating LOOPER's status(yellow and is on).
- 11. Dual input jack:** stereo dual input jack.
- 12. Power jack:** connects to DC 9V (center minus)

VII. Operation:

Delay mode:

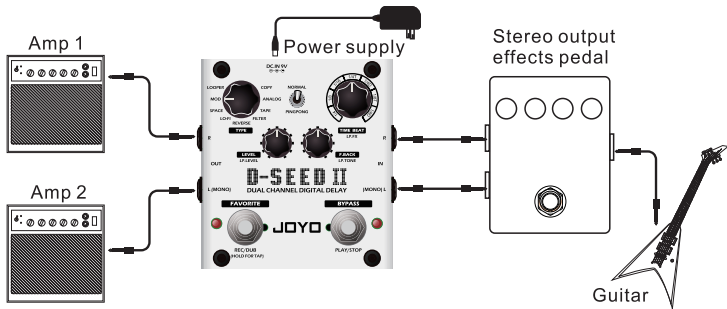
- Turn it on first and then tap the right footswitch, you can choose your desired DELAY sound by the TYPE switch.
- LEVEL, F.BACK, TIME knobs adjust DELAY effect's related *Normal/PingPong toggle switch, namely, whether to turn on the right and left PingPong function or not. (2 amps are needed for the desired PingPong effect)
- The left footswitch is FAVORITE(preset) function, green is FAVORITE status, when it's off, you see what you get.When you're in FAVORITE status, the tone you've adjusted will be saved automatically once you exit from it, and for the reference when you enter next time.

- Press the FAVORITE footswitch and keep for 1.5 seconds to enter TAP TEMPO function, stop this operation for 3 seconds, it returns to the normal function automatically. Namely, when it enters to TAP TEMPO function temporarily, the left LED light starts flickering according to the current speed.
- In BYPASS mode, press and hold the FAVORITE footswitch you can switch on or switch off the effect trail on , after you press the FAVORITE footswitch and hold, it starts to flicker, if flickering in red, it indicates switch on the effect trail on. If flickering in green, it indicates switch off the effect trail on.

LOOPER mode:

- When TYPE is placed at LOOPER, the right LED is in yellow, and enter to LOOPER status *REC: in EMPTY mode, toe down the REC/DUB footswitch(the left LED is red and flicking)
- DUB: In REC, PLAY, STOP modes, toe down the REC/DUB footswitch(the LED on the left is in red)
- PLAY: In REC, PLAY, STOP modes, toe down the REC/DUB footswitch(the LED on the left is in green)
- STOP: In PLAY mode, tap PLAY/STOP footswitch(the green LED on the left is flickering)
- CLEAR: In any mode of LOOPER, press PLAY/STOP footswitch and hold (the LED on the left is flickering quickly and gradually goes off.) (the recorded sound tracks won't be saved if switching TYPE or turn off)

VIII. How to connect?



IX. Specifications:

- L/R input: 6.35mm mono socket
- L/R output: 6.35mm mono socket
- Input impedance: 2.2MΩ
- Output impedance: 100Ω
- Working current: 220mA
- Working voltage: DC9V(center minus)
- Dimensions: 105*46*105mm
- Weight: 555g

*Disclaimer: any specification's update won't be amended in this manual.

Disposal of the packaging material



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling. Ensure that plastic bags, packaging, etc. are properly disposed of.

Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.

Disposal of your old device



Dispose of this device through an approved waste disposal firm or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.



JOYOTECHNOLOGY CO., LTD

Address: 2/F, Lushi Industry Building, 28th District, Bao'an, Shenzhen, 518101 China.
www.joyoaudio.com Email: info@joyoaudio.com Tel: 0086-755-29765381

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