

JOYO

V I S I O N

REVOLUTION

series

Modulation

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. Features:

- 2 independent MODE modules contain 18 modulation effects.
- Both MODE A and MODE B have its own independent adjustable parameters.
- 2 different connections ensure various tone combinations.
- Independent TAP speed setting function.
- Features stereo output.

IV. Safety Instructions:

- 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.

V. Specifications:

Input: 1/4" mono audio interface x2(impedance 1M Ohms)

Output: 1/4" mono audio interface x2(impedance 100 Ohms)

Sample rate: 44.1K

Sampling accuracy: 24bit

Power supply: DC 9V(center minus)

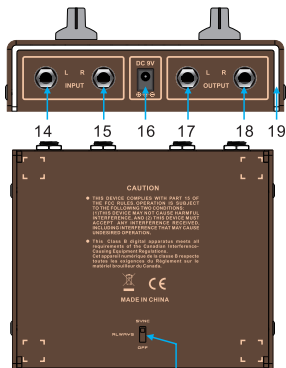
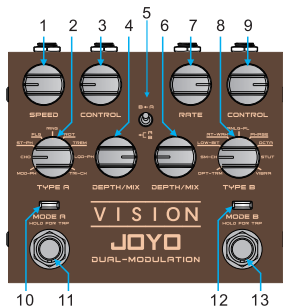
Current: 170mA

Dimensions: 130*110*50mm

Weight: 425g

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

VI. Parts names & functions:



- 1.SPEED knob:** adjusting the modulation speed of MODE A.
- 2.TYPE A knob:** 9 modulation effects of MODE A for your choice.
- 3.CONTROL knob:** adjusting MODE A's MODE effects characteristics.
- 4.DEPTH/MIX knob:** adjusting MODE A's MODE effects depth and mix percentage.
- 5.TOGGLE SWITCH:** choose MODE A and MODE B's connection.(Please refer to the detailed routing method)
- 6.DEPTH/MIX knob:** adjusting MODE B's MODE effects depth and mix percentage.
- 7.RATE knob:** adjusting the modulation speed of MODE B.
- 8.TYPE B knob:** 9 modulation effects of MODE B for your choice.
- 9.CONTROL knob:** adjusting MODE B's MODE effects characteristics.
- 10.MODE A's working status indicator:** the indicator is in blue when MODE A is on, once the TAP TAMPO is activated, the indicator is in blue and start flickering, indicating the current tempo rate.

11. MODE A's footswitch:

① It's the switch controlling MODE A's effects.

② Press the footswitch and hold to activate TAP TEMPO mode, then tap the footswitch twice to set the speed of MODE effects.

12. MODE B's working indicator: when MODE B is turned on, the indicator is in blue, after the TAP TEMPO is activated, the indicator is in blue and start flickering, indicating the current tempo rate.

13. MODE B footswitch:

① It's the switch controlling MODE B's effects.

② Press the footswitch and hold to activate TAP TEMPO mode, then tap the footswitch twice to set the speed of MODE effects.

14. INPUT L Jack: please connect to this when it's mono mode, and please refer to the connection diagram for details.

15. INPUT R Jack

16. DC IN Jack: Power Jack(DC9V center minus)

17. OUTPUT L Jack: 1/4" L channel(mono track) output jack, used for connecting to output signal or amp.

18. OUTPUT R Jack: 1/4" R channel output jack, used for connecting to output signal or amp.

19. Ambience light: Please refer to number 20 to set up ambience light mode.

20. Ambience control switch

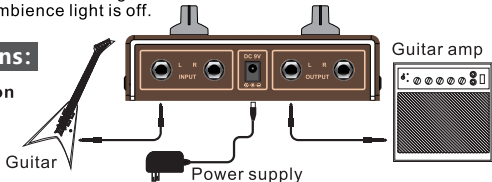
SYNC mode—the ambience light is blue light when the footswitch is turned on, the ambience light goes off when the footswitch is turned off.

ALWAYS mode—the ambience light is blue.

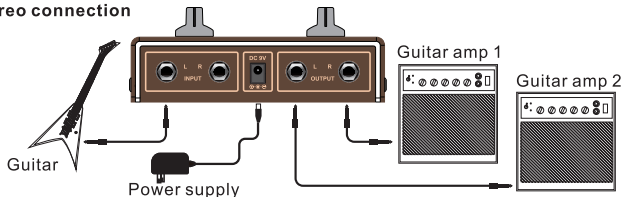
OFF mode—the ambience light is off.

VII. Connections:

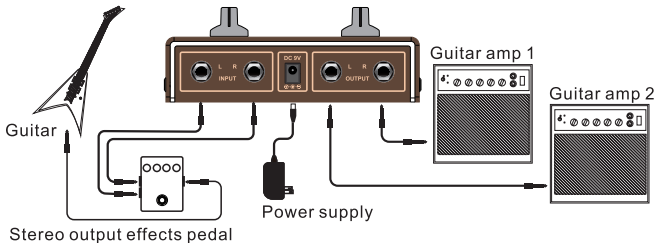
1. Mono connection



2. Stereo connection



3. Stereo output effects pedals' connection



VIII. Routing:

There are 2 ways to connect MODE A and MODE B:



1 Series connection



2 Parallel connection

Turn on **MODE A** and **MODE B** simultaneously, it means **AB** is in parallel connection :



Turn off **MODE A**, while turn on **MODE B**, dry sound is in parallel connection with **B**:



Turn on **MODE A**, turn off **MODE B**, the dry sound is in parallel connection with **A**:



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.



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