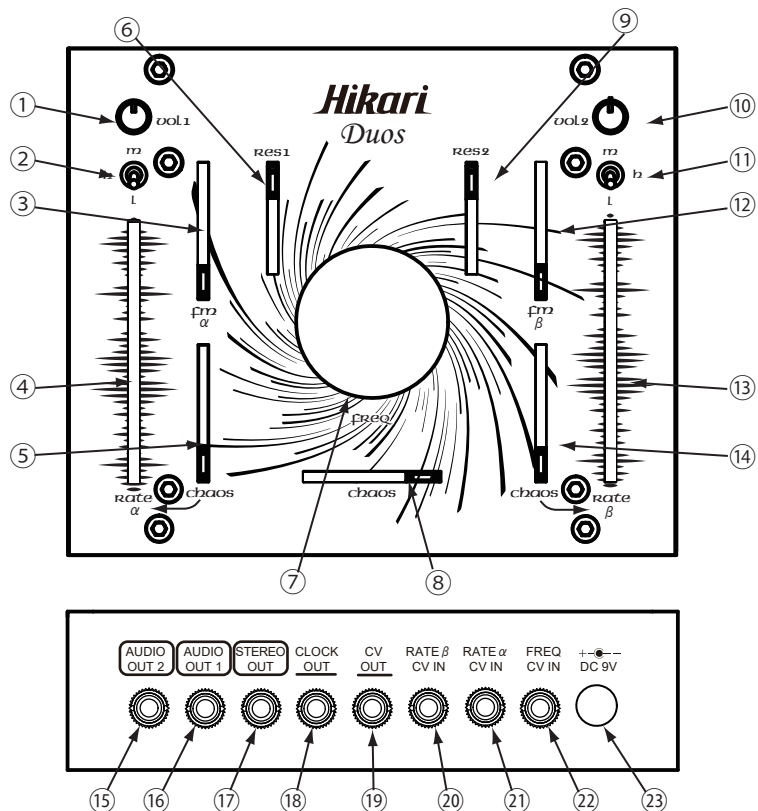


DUOS MANUAL



①VOL1

Sets the Volume of CH1 output at (16) "Audio Out 1", and in the mix available at (17)"Stereo Out".

②RATE α Range Switch

Adjusts the Frequency Range of (4) "Rate A" slider.
From top to bottom, the range switches from Middle to High to Low.

③FM α

(4) "Rate A" can be frequency modulated by a square wave.
Increase "FM A" to increase the amount of modulation, decrease it to reduce the modulation.
At 0 there is no modulation at all.
The frequency of the square wave is dependent on the frequency of VCO 2.

④RATE α

Adjusts the rate (frequency) of LFO A.
Move the slider up to increase the rate, and down to decrease the rate.

⑤ CHAOS α

Adjusts the amount of Chaos Modulation affecting (4) "Rate A".
Move the slider up to increase the amount, and down to decrease the amount.

⑥RESONACE1

Determines the Resonance of the Low Pass Gate on "CH1". Move the slider up to increase the Resonance.

⑦FREQUENCY

Adjusts the frequency of VCO 1 and VCO 2. Turn to the right to increase the frequency.

⑧CHAOS

Move this slider to change the pattern of the Chaos Modulation.
Chaos Modulation outputs a pseudo-random, stepped CV at the rate determined by LFO B.
This CV is also available at (19) "CV Out".

⑨RESONACE2

Determines the Resonance of the Low Pass Gate on "CH2". Move the slider up to increase the Resonance.

⑩VOL2

Sets the volume of "CH2" output on (15) "Audio Out 2", and in the mix available at (17) "Stereo Out".

⑪RATE β Range Switch

Adjusts the frequency range of (13) "Rate B" slider.
From top to bottom, the range switches from Middle to High to Low.

⑫FM β

(13) "Rate B" can be frequency modulated by a square wave.
Increase "FM B" to increase the amount of modulation, decrease it to reduce the modulation.
At 0 there is no modulation at all. The frequency of the square wave is dependent on the frequency of VCO 1.

⑬RATE β

Adjusts the rate (frequency) of LFO B. Move the slider up to increase the rate, and down to decrease the rate.

⑭CHAOS β

Adjusts the amount of Chaos Modulation affecting (13) "Rate B".
Move the slider up to increase the amount, and down to decrease the amount.

⑮⑯AUDIO OUT 2•1

Output of "CH1" and "CH2". Volume is determined by (1) "Vol" and (10) "Vol2".

⑰STEREO OUT

Stereo mix of (15) and (16). Please use a 3 Pole 3.5mm miniplug.

⑱CLOCK OUT

Outputs a pulse wave whose frequency is determined by the rate of LFO B.

⑲CV OUT

Outputs the pseudo-random, stepped CV of the Chaos Modulation.

⑳RATE β CV IN

External CV control of (13) "Rate B".

㉑RATE α CV IN

External CV control of (4) "Rate A".

㉒FREQ CV IN

External CV control of (7) "Frequency".

㉓AC Adapter Jack

Please use a BOSS type, 9V, Center Negative, AC Adapter (Not Included).
Recommended adapter: BOSS PSA-100.