

BENIDUB FX-ONE

All-in-one live dub unit for DJs, soundsystems and dub lovers.



Four independent dub sound fx generators designed for sirens, stabs and evolving tonal sweeps, with hands-on pitch, modulation and dynamic sweep control.

Microphone input with integrated compression and anti-pop high-pass filtering, optimized for close use with dynamic microphones (e.g. SM58).

Central dub echo engine combining integrated filtering, musical feedback behaviour, freeze and hard cut functions, with smooth tape-like delay time response.

Auxiliary input with selectable Line or Spring Tank mode, ready to integrate external instruments, playback devices or complex dub setups into the signal chain.



Sound FX

- 1 POWER IN**
12VDC 1A Centre positive 2.1x5.5mm barrel type connector.
- 2 POWER SWITCH**
Turns the unit on or off.
- 3 ECHO IN**
1/4" TRS balanced or unbalanced input feeding directly the Echo engine.

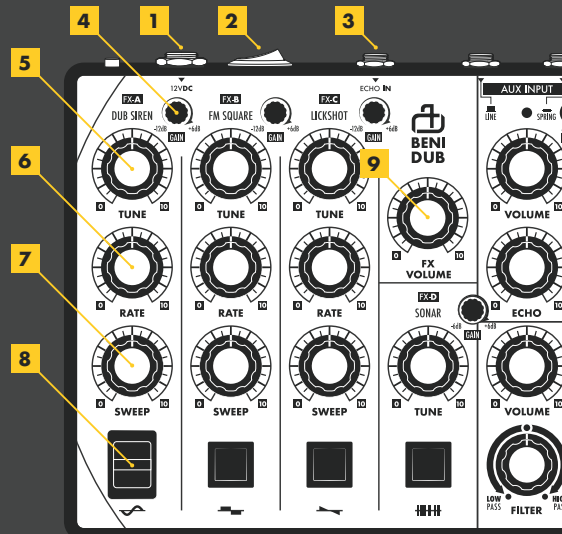
- 4 GAIN**
Sets the output level of the individual sound engine.

- 5 TUNE**
Adjusts oscillator pitch.

- 6 RATE**
Controls LFO speed.

- 7 SWEEP**
Applies an envelope to pitch and LFO rate, starting from a lower/slower state and rising over time to the levels set by the controls.

- 8 TRIGGERS**
Activates the selected sound engine. FX B, C and D operate in momentary mode. FX A supports both momentary and latch operation, allowing sustained modulation without holding the trigger.

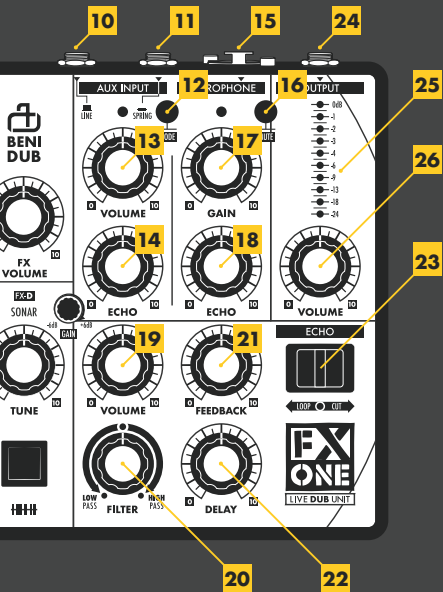


- 9 FX VOLUME**
Master level for all four sound generators.

Aux Input

10 LINE INPUT

1/4" TRS balanced or unbalanced line-level input.



11 SPRING INPUT

RCA-Jack for external spring tank. Compatible with every spring tank available at benidub.com.

12 MODE (LINE/SPRING)

Selects standard line input or spring tank input.

13 VOLUME

Sets channel level to Master output.

14 ECHO

Controls how much signal is sent to the Echo.

19 VOLUME

Sets overall Echo output level.

20 FILTER

Sweeps VCF cutoff from low-pass to high-pass, with flat response at center.

Microphone

15 MIC INPUT

XLR balanced microphone input.

16 MUTE

Instantly silences the microphone channel.

17 GAIN

Adjusts microphone input level (soft knee compression always active).

18 ECHO

Sets the amount of mic signal sent to the Echo.

21 FEEDBACK

Sets number and intensity of repeats.

22 DELAY

Sets the delay time. When adjusted, the delay time shifts with tape-style pitch behaviour.

Output

24 MASTER OUT

1/4" TRS balanced or unbalanced mono output.

25 LED METER

Displays output level.

26 VOLUME

Controls overall unit output level.

BENIDUB AUDIO ELECTRONICS
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Echo

23 LOOP-CUT

◀ Loop: captures the current delay content and repeats it indefinitely.

▶ Cut: Instantly mutes Echo output and feedback path.