

dedalo
Jet
COMPRESSOR

Ultra-low noise FET analog circuit
Variable threshold soft-limiter
Super fast attack
Clean signal blend for parallel compression
NUKE overcompression mode
Studio-grade operational amplifier
Variable mid boost
Red/Green LED Compression Indicator
True Bypass

USER MANUAL

JET2 Rev 19/02/2024

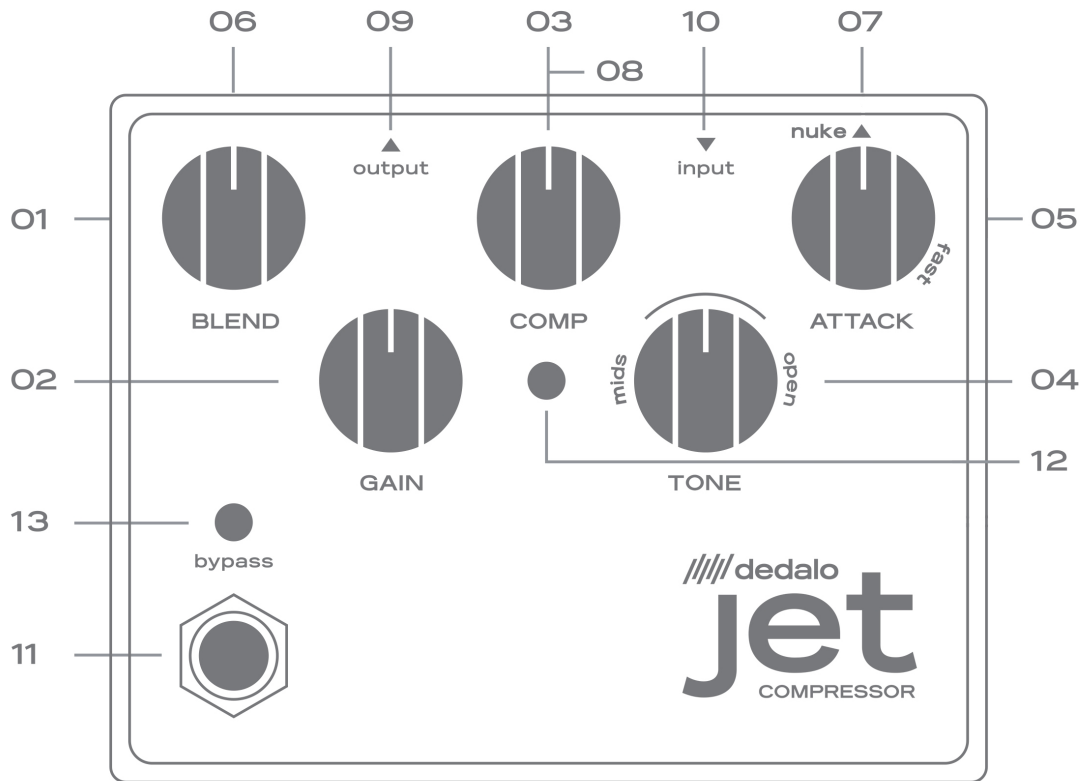
Contratulations, you got the Jet!

For all the compression lovers, we created the JET, a compressor with FET technology and studio-grade opamp, which provides the ideal functions to command the groove and extend the sustain. With its super-fast attack circuit, full control of dynamics is possible.

Its parallel compression capacity allows you to maximize transparency and obtain the most natural sounds.

The new Soft-Limiter provides additional control of peaks, whether coming from your signal or generated by the compressor attack.

And added to the new NUKE mode, it extends the action beyond correction into the squashed grounds of overcompression.



Controls

01 - BLEND: Independent level of the uncompressed signal, which is summed in parallel. Depending on the compressed/clean ratio, it allows you to recover dynamics in the sound, contrasting the action of the compressor for a more natural sound.

02 - GAIN: Recovery gain on the compressed signal, to match or raise the level with respect to bypass. At minimum the gain is unity, and must be increased according to the applied compression.

03 - COMP: Controls the compressor threshold: the signal level at which gain begins to be reduced.

04 - TONE: Tonal control of the compressed sound. At maximum, the EQ is flat and the

tone remains intact, open. Towards the minimum, mid frequencies are emphasized with a gentle curve, enhancing the sound of the instrument in the mix.

05 - ATTACK: attack time of the signal detector. Controls the speed of the compressor. At the fastest setting, the time constant is less than 1ms, so the action is almost instantaneous, while slower attacks allows the transients at the beginning of each note to pass thru.

06 - LIMIT *-side control-* Threshold of the soft-clipping limiter. Turning counterclockwise lowers the threshold, effectively cutting off any signal peaks above it. In subtle settings, transparent peak control is achieved, particularly useful with slow attack times. With lower thresholds, a greater portion of the sound is affected, becoming a mild overdrive in the minimum position. This control is dependent on the signal level, therefore it must be adjusted in conjunction with the GAIN control.

07 - NUKE *-side control-* Activates NUKE mode. In this mode, the dynamic curve of the compressor is extreme, reducing the release time and increasing the available gain reduction, while increasing the gain. Sustain is maximized and attacks become more drastic, the action of the compressor is extremely audible as an effect.

08 - DC 9V Power supply input, connect your dc adapter here.

09 - OUTPUT Effect output, connect your amplifier here.

10 - INPUT Effect input, connect your instrument here.

11 - TRUE BYPASS Turns on/off the effect. The true bypass switch allows your sound to remain intact when the effect is off.

12 - LED compression and mode indicator. It lights up when gain is actually being reduced. If it remains lit, it represents a high level of compression throughout the sound. In NORMAL mode the LED is green. When the NUKE is activated the action is indicated in red.

13 - LED Lights up when the effect is engaged.

Use and care of the pedal

- To place a battery, remove the lid by removing screws.
- Use only regulated 9v dc adapter, with negative center polarity. In no way should be connected to 220V or adapters of other kinds.
- Avoid dropping, hitting or exposing the pedal to extremes of humidity or temperature.
- Disconnect the input when the pedal is not in use to avoid battery drain.
- Remove the battery if you don't plan to use the pedal for a long time.
- To clean the pedal, use a dry cloth.
- Do not remove the protective silicone legs, they protect the pedal from shocks and external pressures.

Problems and solutions

- *The LED lights up but there is only sound when the effect is in bypass:*
Make sure the instrument is properly connected to the INPUT jack, and the amplifier to the OUTPUT jack.
- *The indicator LED doesn't light up:*
The pedal is not connected to a working DC adapter, or to a charged battery.
- *The effect is too weak, or the sound is unduly saturated:*
Put a new battery or try an appropriate DC adapter. If the pedal is connected in a loop, check its send and return levels.
- *The pedal makes a high pitched whine:*
The battery has insufficient charge.
- *The pedal makes a low pitched hum:*
Feed the pedal with a regulated dc adapter of sufficient amperage
- *The sound cuts out intermittently:*
Check connections and cables.

Terms of warranty

- The warranty is only valid for the original owner for 2 years from the date of purchase.
- The warranty must be requested on the trade where the pedal was acquired.
- DEDALO ensures that the pedal is free from defects in materials and workmanship.
- DEDALO will choose to repair or replace any faulty piece on the pedal at its sole option.
- Failures due to accident or misuse are not covered in the warranty.
- DEDALO is not responsible for any loss or damage the user may suffer as a result of using the pedal.
- Batteries or power adapter are not included in the warranty.
- In this pedal there is no piece that could be repaired by the user. The repair or modification by personnel not authorized by DEDALO will void the warranty.
- Shipping or other fees that may arise, are not covered by warranty

Register your pedal
www.dedalofx.com.ar/register



Buenos Aires, Argentina

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APPENDIX

Technical specifications

JET-2 / 2023 Model

True Bypass

Input impedance: 700Kohm

Power supply: DC 9v center negative or 9v alkaline battery

Power consumption: 22mA @ 9v DC

Dimensions: 12cm x 9.4cm x 5.4cm

Weight: 470gr

Equalizer: +6db, frecuencia central 1Khz, wide Q (0.25)

Attack time: <1ms a 12ms

Release time: 1seg

Release time (NUKE Mode): 300ms

Gain reduction: 19dB (max)

Gain reduction (NUKE Mode): 23dB

Frequency range: 20hz a 20Khz