

El Garatge X-PRESS4

X-PRESS4 is the most advanced El Garatge expression pedal up to date. It features 4 channels, each with 3 modes and different functions inside each mode. Each channel is separated from the rest, with its own mode and parameters.

Think of it as four times an Echo Knob with some additions, so you can control expression from up to 4 pedals with a single device.

General information:

- 4x TRS (stereo jack) expression outputs
- 4x Channels, each with mode
- 9V power input (standard center negative)
- Global save option for the following parameters per channel: LFO shape & depth, manual glide pattern

Channel features (X4):

- TRS expression output (stereo jack)
- 3-way switch for mode selection (MANUAL, LFO, REC)
- Slider
- Button with LED feedback

Channel modes:

- REC (up position): This mode records a slider movement pattern.
You can:
 - Record up to 60s pattern per channel
 - Playback recorded pattern in loop
 - Stop & Play loop from start
 - Change playback speed after a pattern is recorded
- LFO (middle position):
Low Frequency Oscillator (aka ramping), which sends tremolo-like effects via expression.
You can control:
 - LFO Shape
 - LFO Speed
 - LFO Depth
- MANUAL (down position):
This mode just outputs expression values depending on the current slider position.
You can also:
 - Apply 4 different glide time patterns (no glide, low, mid, high)
 - Ratchett expression min and max values

Manual mode:

- **Value**: In manual mode, to send a manual expression value to a pedal, just use the channel slider to send it to the corresponding TRS output.
- **Glide**: You can also add some glide (delay) to the manual mode, so when you move the slider, values are sent slightly delayed to the pedal in a glissando-like mode.
To do this, press the channel button to change the current glide pattern.

The button LED will blink as many times as the current glide setting, where no glide (no blinks) will send the value immediately to the pedal and “high” (3-blinks) will take the longest time to achieve that value.

- **Ratchett:** Press and hold the button to change fast between min and max value. This setting will be affected by the current glide pattern.
- **Global save:** With channels 1 and 2 in manual mode, press and hold 1+2 buttons until both LEDs blink 3 times to save current settings of all 4 channels to global memory (for example last LFO shape), so when you power on the device again, it will remain with the same settings saved. Stored settings are LFO shape and depth, manual glide pattern.

Warning: Keep in mind not all the settings of this device are saved. Things like recorded patterns are not saved due to the amount of memory needed.

LFO mode:

- **Shape:** In LFO mode, press the button to change current LFO shape between the following: TRIANGLE -> SQUARE -> RANDOM -> SAW -> INV. SAW
- **Speed:** Move the slider to change LFO speed from 0.05Hz to 100Hz
- **Depth:** Press and hold the button and then move the slider to change current channel LFO depth, where min depth will mean very little range variation and max depth will provide the highest range difference. Depth is changed in relation to

REC mode:

- **REC:** In record mode, to record a new pattern (or overwrite the old one), press and hold the button and then move the slider with the movement you want to record. Keep the button pressed while recording and release it when you're finished. The LED will show a fast initial blink to let you know it's started recording, and also when you achieve the max record time per channel (60s). When you stop recording (either by releasing the button or achieving max record time), it will automatically start playing the recorded pattern in loop.
- **Stop/Play from start:** When a pattern is already recorded, press the button once to toggle stop/play from start, just like the Echo Knob.
- **Playback speed:** To change playback speed after a pattern has been recorded, just move the slider up or down to change the speed. Original playback speed is at the center of the slider. Slider max position is around X7 times faster than original speed and slider min position is X0.1 times original speed, so recording just one second and slowing down the pattern can create quite longer patterns.

Example: Recording a 10s pattern and then changing it to the lowest playback speed, the new loop time will be 20s.

Other information:

- **USB-C port:** Do not try to power the device via this port. It's intended for possible firmware updates for bug fixes or maybe other things, but as always and to not provide any false expectations, I recommend *buy devices for what they are and not for what they could be* in the future.
- Contact me via instagram @el_garatge or [info\[at\]elgaratge.com](mailto:info[at]elgaratge.com) for any doubts or suggestions, thanks.