

# PulseLoop Manual: Overview and User Guide



## Welcome to PulseLoop!

PulseLoop is an advanced step sequencer plugin with six powerful effects: **Filter**, **Delay**, **Distortion**, **Flanger**, **Reverb**, and **Gate**. This manual will guide you through its features, settings, and controls.

## 1. General Controls

- **Turning Effects On/Off**
  - Use the **Power Buttons** in the effect selection area.
  - Alternatively, use the **Effect Mixer**, where each channel can be independently toggled on or off.
- **Effect Mixer**
  - Contains six channels, each corresponding to an effect.
  - Adjust the **mix ratio** for each effect.
- **Input Mix Knob**
  - Controls the balance between the dry signal and the plugin's processed signal.
- **Master Knob**
  - Boosts the plugin output up to **+6.02dB**.
  - Can be disabled, equivalent to a **bypass function**.

- **VU Meter and Limiter**
  - Located in the top-right corner with a **readout**.
  - Click the readout to activate the **master limiter** (a white border will appear).
  - Limits the plugin's output to **0dB**. Click again to deactivate the limiter.

## 2. Step Sequencer Features

- **Lock Icon**
  - Locks the sequencer for the currently active effect.
- **Randomize Button** (Dice Icon)
  - Randomly fills the sequencer for the active effect.
- **Reverse Button** (Bidirectional Arrows)
  - Plays the sequencer in reverse.
- **Reset Button** (Circular Arrow)
  - Clears the sequencer field.
- **Duplicate Button** (Stacked Documents Icon)
  - Copies the current sequence to another effect.
- **Tempo Setting**
  - Adjusts the tempo of the sequencer.
- **Steps Setting**
  - Sets the number of steps in the sequencer, ranging from 1 to 32.

## 3. Preset Management

- **Global Plugin Presets**
  - Available at the top of the plugin.

- **Sub-Preset System (Sequence)**
  - Includes 12 pre-programmed patterns.
  - Save sequences as .pulse files.
  - Load sequences for any effect at any time.

## 4. Effects and Settings

Each effect module has unique settings, displayed dynamically on the front panel:

### Filter

- **Type:** Low Pass, High Pass, Band Pass, Band Reject.
- **Strength:** Moderate or Strong.
- **Knobs:** High Pass, Cutoff Range, Resonance.

### Delay

- **Type:** Bars (Rate) or Seconds (Time in ms).
- **Knobs:** High Cut, Low Cut, Feedback.

### Distortion

- **Type:** Fold or Saturate.
- **Limiter:** On/Off.
- **Knobs:** Drive, Tone.

### Flanger

- **Settings:** Rate, Waveform (Saw, Sine, Pulse, Triangle).
- **Knobs:** Feedback, Spread.

### Reverb

- **Settings:** Size.
- **Knobs:** High Cut, Low Cut, Length.

## Gate

- **Settings:** Input Mix.
- **Knobs:** X|M|S.

## 5. License Management

- **Entering the License Key**
  - Recommended: enter the key during installation.
  - Alternatively, click the **PulseLoop logo** within the plugin to open a pop-up window and input the key.

## 6. Tips for Optimal Use

- **Preset Management:** Save your custom sequences regularly.
- **Limiter:** Keep the limiter enabled to prevent clipping at high output levels.
- **Lock Function:** Use the lock feature to maintain consistency when tweaking individual effects.

If you have any questions or need technical support, please visit our website. Enjoy creating new and exciting sounds with PulseLoop!



<https://2bplayed.com>