TRIAL · USER GUIDE · VERSION 1.0

TIME SHIFT BLUR

TRIAL · 8 LOOKS FOR DAVINCI RESOLVE.
PICK A FEELING. SET THE INTENSITY. DONE.

FOR DAVINCI RESOLVE · MACOS & WINDOWS

BY SEM POLAK

FILM THAT SLIPPED OFF THE SHUTTER.

When the shutter of a film camera runs out of sync with the film, the image keeps being exposed while the film moves. The bright parts smear into streaks along the direction the film travels.

Time Shift Blur Trial lets you try that look on your own clips. The streak can sit still, breathe, pulse, hit like an impact, or speed up and slow down. Its 8 presets move the way real things move: a drifting glow, footsteps, a tide, lightning.

The trial puts a watermark on the image. Time Shift Blur Pro has no watermark.

The streak is mixed in linear light, so highlights glow and keep their energy, the way they do on film.



LIGHTNING: a strike, an afterflash, a rumbling sky.

IN THE BOX

Time Shift Blur Trial.drfx
The effect, with 8 presets, each with a picture of how it moves.

Time Shift Blur Trial – User Guide.pdf
This guide.

Time Shift Blur – Terms & License.pdf

REQUIREMENTS

DaVinci Resolve on macOS or Windows.
Tested on DaVinci Resolve Studio 21.

WANT ALL 94 LOOKS?

Pro adds 86 presets, full control over Pulse and Impact, and every look as its own effect. No watermark.

SEE WHAT PRO ADDS →

TWO MINUTES, ONCE.

1. **Double-click the .drfx file**

   DaVinci Resolve opens and asks if you want to install it. Click **Install**.

2. **Restart DaVinci Resolve**

   Resolve only reads templates when it starts.

3. **Find it**

   On the Edit page, open the Effects Library: **Toolbox › Effects › Time Shift Blur Trial**. The effect sits under its own heading.

No install question? Copy the .drfx file into Resolve's Templates folder yourself, then restart.

macOS

```
~/Library/Application Support/Blackmagic Design/DaVinci Resolve/Fusion/Templates/
```

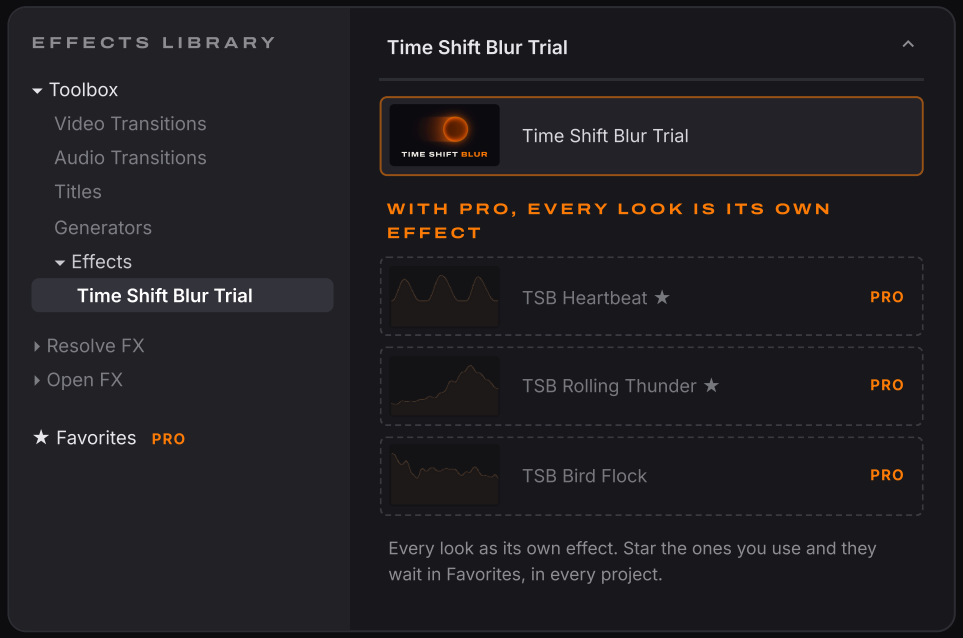
In Finder, press ⇧⌘G and paste the path.

Windows

```
%AppData%\Blackmagic Design\DaVinci Resolve\Support\Fusion\Templates\
```

Paste the path into the address bar of File Explorer.

Updating later? Replace the old files with the new ones and restart. Keep one of each in the folder.



The Effects Library after installing. The trial is one effect under its own heading.

ACTIVATION

Double-click the .drfx file or open it in DaVinci Resolve, and it's ready to use. Your copy is registered to your email address and licensed to you alone. Passing it on ends your license: see the terms.

PUT IT ON AN ADJUSTMENT CLIP.

1. **Add an adjustment clip**

   Drag an Adjustment Clip (Effects Library › Toolbox › Effects) above your footage and trim it to the part you want.

2. **Drop Time Shift Blur Trial on it**

   Drag **Time Shift Blur Trial** onto the adjustment clip. It also works directly on a clip.

3. **Set your camera**

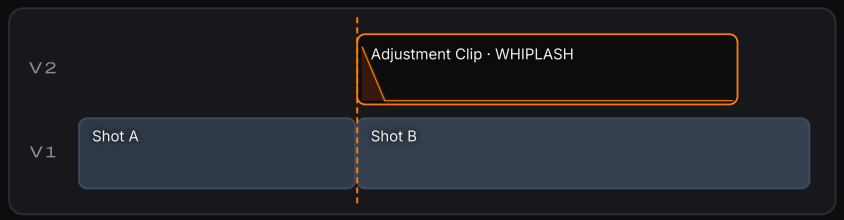
   Open **SETUP** and set **Input Color Space** and **Input Gamma** to the camera you shot on: ARRI LogC4, Sony S-Log3, RED Log3G10, Canon Log 3... The default is **Rec.709**, which also gives the **softest look**.

4. **Pick a preset**

   Select the clip and open **Inspector › Effects**. Under PRESETS, click a name to load the motion in the picture above it.

5. **Set the intensity**

   In SETUP, pick SUBTLE, MEDIUM or AGGRESSIVE. That's it.



Frame 1 of the adjustment clip sits on the cut, so the hit lands right on it.

TIMING FOLLOWS THE CLIP

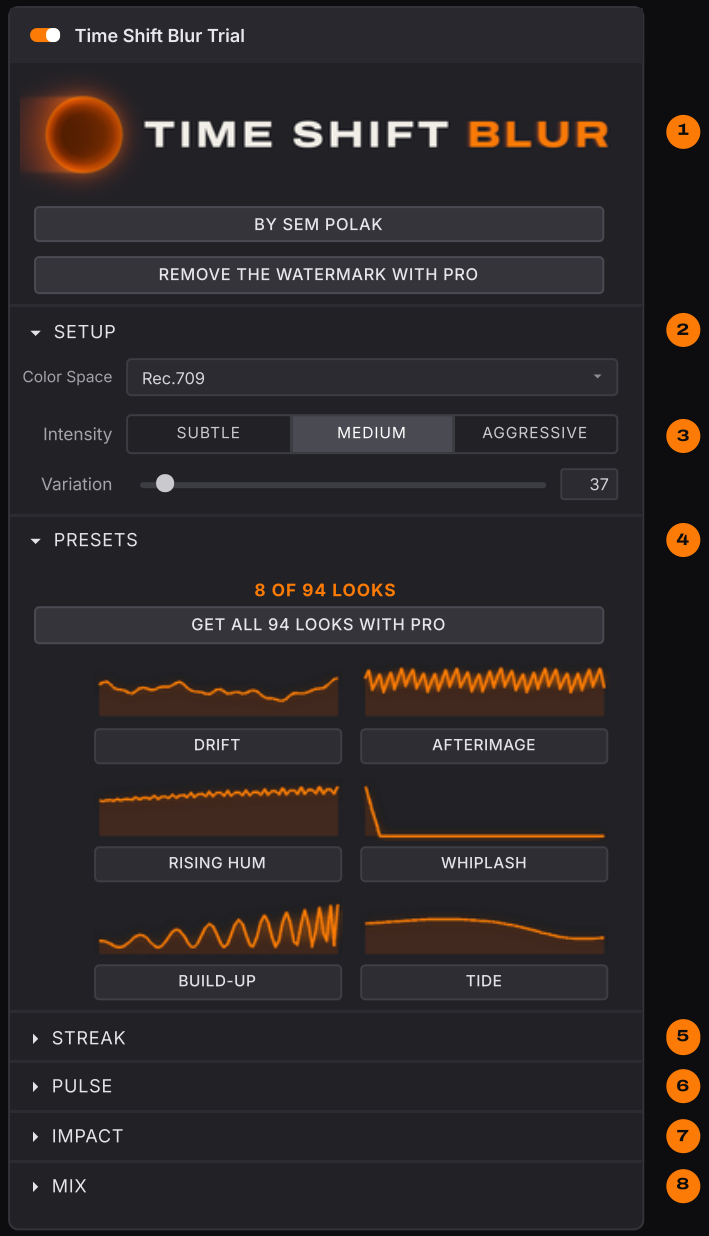
WHIPLASH, BUILD-UP, RISING HUM and LIGHTNING are timed to the clip the effect sits on. Hits start on its first frame, rises end on its last, and build-ups fill its whole length. Trim the adjustment clip to decide exactly where the hit lands.

LAYER IT

Stack two adjustment clips: DRIFT underneath for constant life, WHIPLASH on the cut.

FULL CONTROL

Keyframe Opacity to time the streak by hand, or Streak Power when Pulse is off.



EVERYTHING IN ONE COLUMN.

1 THE HEADER
The effect's name. The button under it opens the page for Pro, which has no watermark.

2 SETUP
Set the input colour space and gamma to the camera you shot on. The default, Rec.709, gives the softest look. Intensity and Variation live here too.

3 INTENSITY · VARIATION
SUBTLE, MEDIUM or AGGRESSIVE, on any preset. Variation picks which version of the preset's randomness you get.

4 PRESETS
8 presets. Each picture shows how the streak moves over time; click the name under it. The button above them opens the page for all 94.

5 STREAK
How strong the streak is, which way it runs and which light it is made from.

6 PULSE
Sets the streak in motion: how fast, and how high and low.

7 IMPACT
Turns the streak into a hit, at the start or the end of the clip.

8 MIX
Opacity and flicker: how much streak you see, and how steady it is.

Click a group's name to open or close it. Every control is explained under Controls.

ONE SWITCH, AND A NEW TAKE.

INTENSITY

Every preset is designed at MEDIUM. SUBTLE halves the streak and its flicker; AGGRESSIVE makes both 1.6 times stronger. The motion stays the same, only its strength changes. Intensity stays put when you switch presets, so you can browse at the strength you need.



TIDE at the three intensities, on one scale.

VARIATION

Every preset has a little randomness: drift, flicker, aftershocks. **Variation** picks which version you get. Clicking a preset picks a smooth one for you; type another number for a new take. Keep the number, and the clip renders exactly the same every time.

Two clips with the same preset and a different Variation never move in lockstep.



DRIFT at three Variations, on one scale.

8 LOOKS. PICK A FEELING.

Each picture shows how strong the streak is over the first 66 frames of the clip (2.6 seconds at 25 fps), at MEDIUM. Higher means a stronger streak. Every picture is scaled to its own motion, so it shows the shape, not the strength.



STEADY
DRIFT
A trail that wanders, never repeating



WAVES
AFTERIMAGE
A fast three-frame stutter



WAVES
RISING HUM
A soft fast flicker that slowly builds



HITS
WHIPLASH
One hard snap on the first frames



BUILD & FADE
BUILD-UP
Pulses that rush closer and higher



WATER
TIDE
A very slow, round swell



LIFE
FOOTSTEPS
A handheld stride on a rocking base

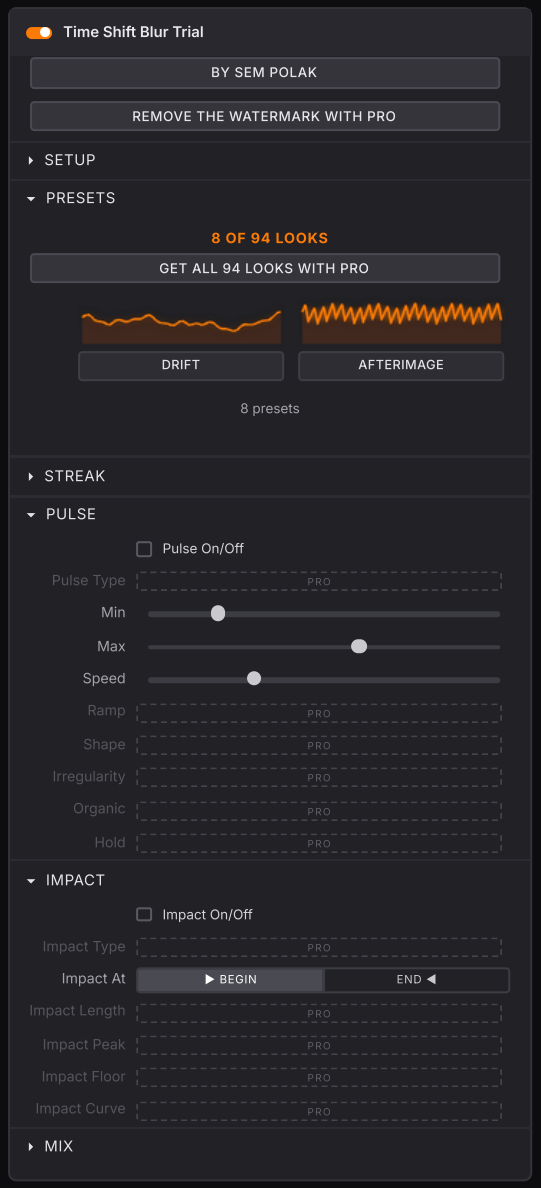


FORCES OF NATURE
LIGHTNING
A strike, an afterflash, a rumbling sky

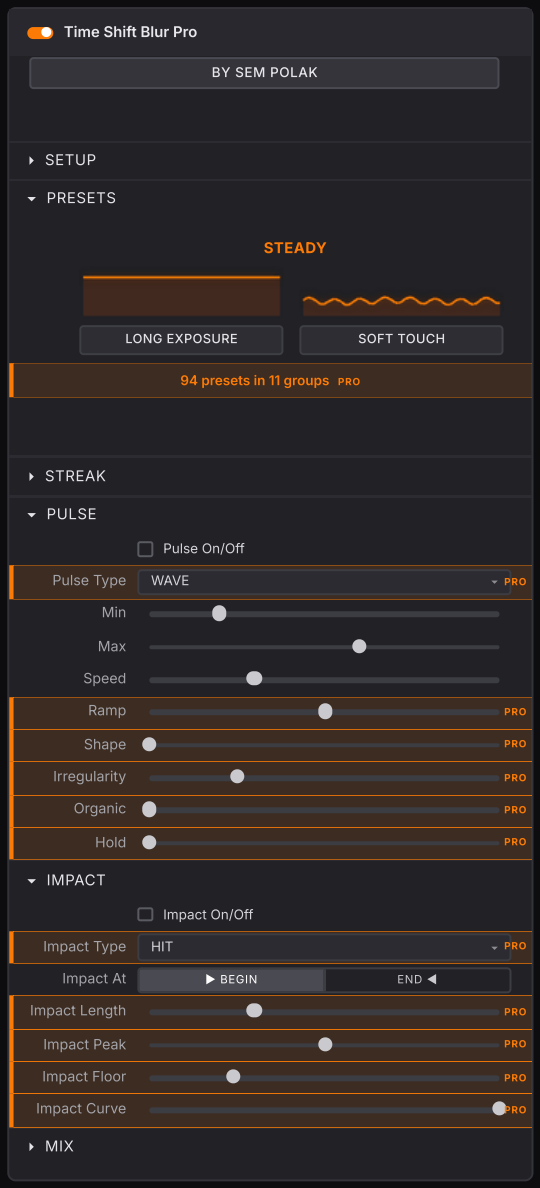
+86 more looks in **Time Shift Blur Pro**, without the watermark: water, sky, wind, fire, life, machines and the forces of nature.

SEE WHAT PRO ADDS →

TIME SHIFT BLUR TRIAL



TIME SHIFT BLUR PRO



SAME LOOK. MORE CONTROL.

Both versions make the same streak with the same engine. Setup, Streak, Mix, Intensity and Variation are identical.

Pro adds everything marked in **orange**: 86 more presets, and the controls to shape the pulse and the impact yourself. And Pro has no watermark.

ALSO IN PRO

94 Looks
Every preset as its own effect.

★ Favorites
Star the Looks you use most, in every project.

Updates
New presets and updates included.

GET PRO →

SEMPOLAK.COM/BLUR/FULL

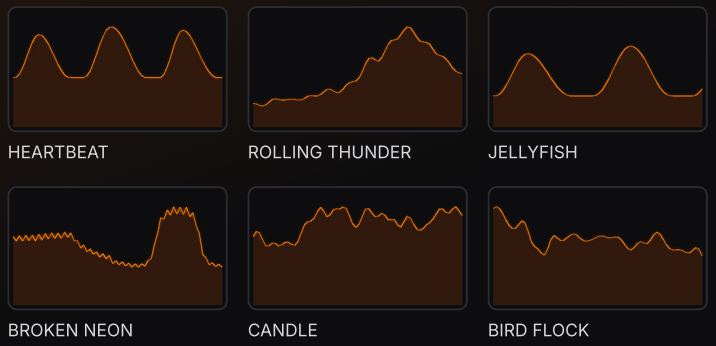
ALL 94 LOOKS. EVERY CONTROL.

	TIME SHIFT BLUR TRIAL	TIME SHIFT BLUR PRO
Presets	8	**94**, in 11 groups
Watermark	On the image	None
Setup · Streak · Mix	Every control	Every control
Intensity · Variation	✓	✓
Pulse	On/Off · Min · Max · Speed	+ Type · Ramp · Shape · Irregularity · Organic · Hold
Impact	On/Off · Impact At	+ Type · Length · Peak · Floor · Curve
Every look as its own effect	–	94 Looks, named TSB and the preset
Favorites in every project	–	★ Star any Look
New presets and updates	–	✓

Pro installs next to the trial, under its own heading. Clips you made with the trial keep the watermark: drop Pro on them instead.

TIME SHIFT BLUR PRO

86 MORE LOOKS, NO WATERMARK, AND THE CONTROLS TO SHAPE YOUR OWN.



GET PRO →

SEMPOLAK.COM/BLUR/FULL

86 MORE LOOKS IN PRO

STEADY 5



- LONG EXPOSURE
- SOFT TOUCH
- BREATH
- FOG
- SHIFT

WAVES 4



- SLOW BLINK
- RESTLESS
- DAYDREAM
- LIQUID TIME

HITS 5



- AFTERSHOCK
- SHOCKWAVE
- DRIVE-BY
- SOFT LANDING
- BOUNCING BALL

BUILD & FADE 5



- COMEDOWN



- BUILD-UP HARD
- COMEDOWN HARD
- BUILD-UP SOFT
- COMEDOWN SOFT

WATER 11



- OCEAN SWELL
- JELLYFISH
- POOL LIGHT
- RAINY WINDOW
- SEAWEED
- ROCKING BOAT
- RIPPLES
- FISH SCHOOL
- GLOWING SURF
- WATERFALL
- DOWNPOUR

SKY 8



- PASSING CLOUD
- NORTHERN LIGHTS
- TWINKLING STARS



- SUNSET
- SUNRISE
- SNOWFALL
- HEAT HAZE
- PULSING GLOW

WIND 6



- BREEZE
- LEAF FLUTTER
- WAVING GRASS
- LEAF SHADOWS
- SWAYING BRANCH
- WHIRLWIND

FIRE & LIGHT 12



- EMBERS
- CURLING SMOKE
- QUIET FLAME
- SWINGING LAMP
- SWEEPING BEAM
- CANDLE
- CRACKLING FIRE



- OLD PROJECTOR
- DANCE FLOOR
- BROKEN NEON
- DYING FLARE
- WELDING

LIFE 15



- DEEP SLEEP
- PURR
- HEARTBEAT
- FIREFLIES
- OPERA SINGER
- SHIVER
- JOGGING
- WINGBEATS
- HUMMINGBIRD
- BUTTERFLY
- BIRD FLOCK
- BEE SWARM
- HORNETS
- RACING HEART



- STAMPEDE

MOTION & MACHINES 8



- ROCKING CHAIR
- CEILING FAN
- WOBBLY TAPE
- CAROUSEL
- PASSING CARS
- SPEEDING UP
- VHS GLITCH
- JET TAKEOFF

FORCES OF NATURE 7



- TURBULENCE
- HAILSTORM
- ROLLING THUNDER
- WILDFIRE
- EARTHQUAKE
- ERUPTION
- EXPLOSION

GET ALL 94 AT SEMPOLAK.COM/BLUR/FULL →

SETUP
ONCE PER CLIP.

SETUP

Input Color Space · Input Gamma
Set these to the camera you shot on, so the streak is built from the right light. Rec.709 is the default and gives the softest look; ARRI LogC4, Sony S-Log3, RED Log3G10 and Canon Log 3 are in the list.

Blur Gamma
Linear (default) makes highlights streak like real light. Other settings look softer, more like a plain blur.

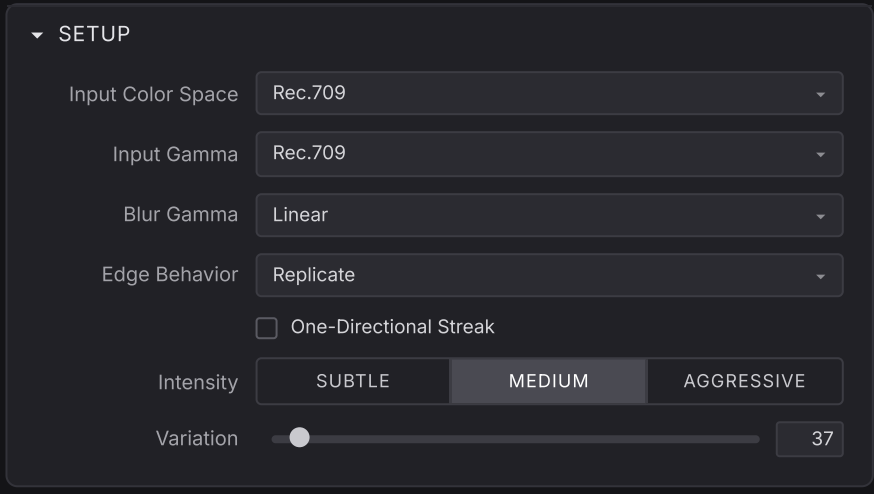
Edge Behavior
How the streak treats the edges of the frame. Replicate (default) repeats the edge pixels, so the borders never darken.

One-Directional Streak
Streaks to one side only, like a trail behind the light, instead of both ways.

Intensity
SUBTLE ×0.5 · MEDIUM ×1 · AGGRESSIVE ×1.6. Scales the streak and its flicker on every preset. Presets never change it.

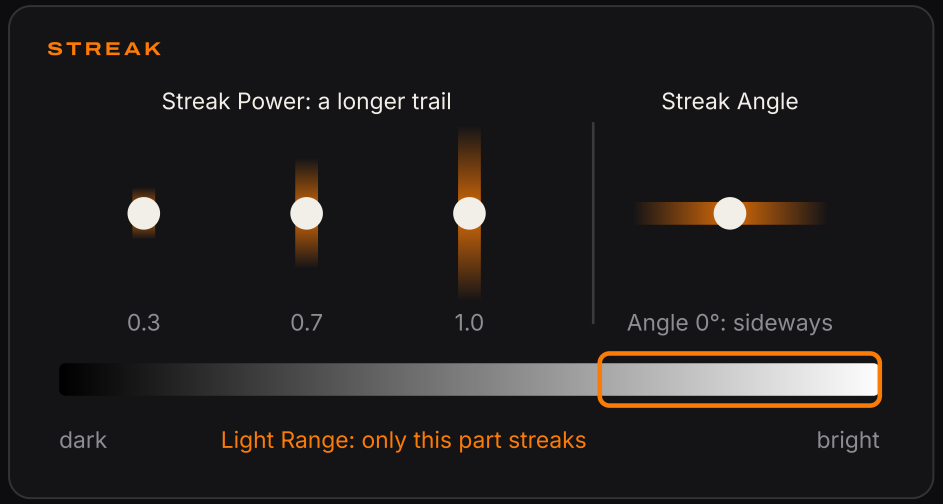
Variation
Every preset has a little randomness: jitter, drift, flicker, aftershocks. Variation picks which version you get. Change the number for a new take; keep it and it renders the same on every clip.

IN THE INSPECTOR



SETUP is closed by default. Click it to open. Presets never change these settings.

STREAK AND MIX.



STREAK

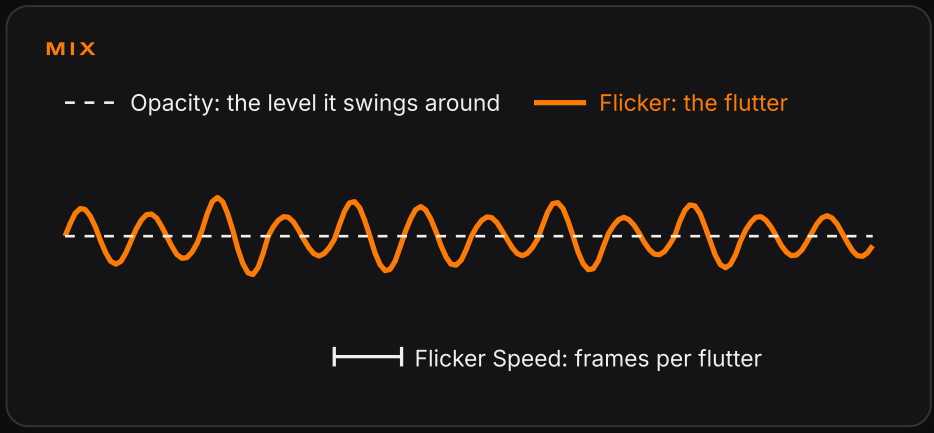
Streak Power
Base strength of the streak, 0.7 by default. With Pulse on, Min and Max take over.

Jitter
A small random tremor, like an unsteady mechanism. A little goes a long way.

Jitter Smoothness
How many frames the jitter takes to glide to a new value. 3 by default; 1 jumps every frame.

Streak Angle
Direction of the streak. The default −90° runs vertically, like film through the gate.

Light Range
Limits the streak to a range of brightness, such as only the highlights.



MIX

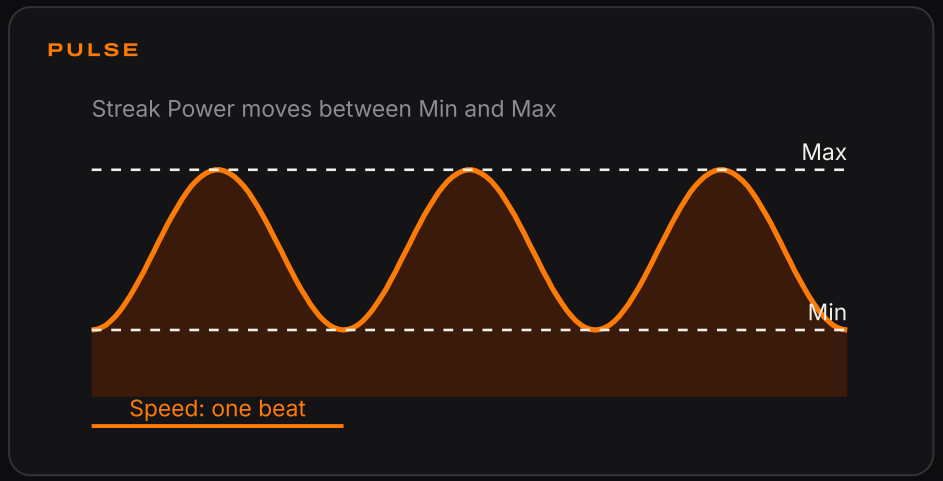
Opacity
How much of the streak is blended over your image. At 0.5 you see half streak, half original.

Flicker
A fast flutter on the opacity, on top of the motion. Each swing gets its own height, so it never ticks like a metronome.

Flicker Speed
Frames per flutter. 2 goes up and down every frame, the fastest your timeline can show; higher is slower.

Flicker Random
Blends in a random flutter, like an old projector, instead of an even one.

PULSE AND IMPACT IN TWO MOVES.



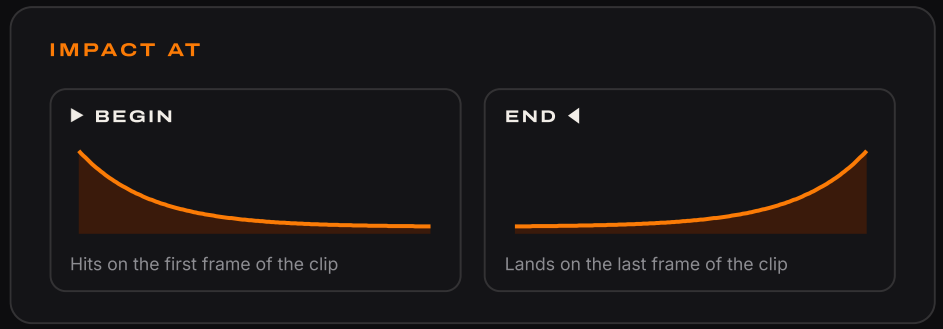
PULSE

Pulse On/Off
Sets the streak in motion.

Min · Max
The range of Streak Power the pulse moves between.

Speed
Tempo of the pulse.

PRO adds Pulse Type, Ramp, Shape, Irregularity, Organic and Hold: shape the pulse yourself.



IMPACT

Impact On/Off
Turns the streak into a hit: strong at once, then fading.

Impact At
▶ BEGIN starts on the first frame of the clip. END ◀ is mirrored and lands on the last frame.

PRO adds Impact Type, Length, Peak, Floor and Curve: build your own hits.

GETTING THE MOST OUT OF IT.

TIPS

Start from a preset. Then change one control at a time.

Land hits on a cut Make frame 1 of the adjustment clip the first frame after the cut.

Too much? Switch Intensity to SUBTLE, or lower Opacity. The motion stays, the look gets quieter.

Softest look Leave Input Color Space and Input Gamma on Rec.709, the default. The streak gets gentler and blends more into the image.

Match the moment DRIFT or TIDE under dialogue, WHIPLASH on the beat, BUILD-UP into a transition.

Want more looks? Time Shift Blur Pro has all 94, full control over Pulse and Impact, and no watermark: **sempolak.com/blur/full**

IF SOMETHING IS OFF

It's not in the Effects Library	Double-click the file again and click Install, or check that it is in the Templates folder. Then restart Resolve.
I see more than one version	Remove older Time Shift Blur files from the Templates folder and restart. Keep one of each.
It looks like a soft blur, not streaks	Set Blur Gamma to Linear, and set Input Color Space and Gamma to your camera. Rec.709 is the softest setting.
The hit lands at the wrong moment	It is timed to the clip the effect sits on. Trim that clip.
A preset overwrote my changes	Presets set Streak, Pulse, Impact and Mix. Setup, Streak Angle and Intensity stay as you set them. Pick the preset first, then fine-tune.
Playback stutters	Let Resolve pre-render it: Playback › Render Cache › Smart. The line above the clip turns red, then blue: blue plays in real time. Your export always renders at full quality.

GOOD TO KNOW.
QUICK ANSWERS.

IS IT EASY TO USE?

Yes. Install it once, drop it on an adjustment clip, pick a look and set the intensity: subtle, medium or aggressive. That’s it.

WHICH DAVINCI RESOLVE DO I NEED?

DaVinci Resolve on Mac or Windows. Time Shift Blur is tested on DaVinci Resolve Studio 21.

WHAT’S IN THE TRIAL?

8 looks and the basic controls, so you can test it on your own footage first. It puts a watermark on the image. Pro adds all 94 looks, every control and every update that comes after, without the watermark.

PLAYBACK STUTTERS. HOW DO I MAKE IT SMOOTH?

Let Resolve pre-render it: Playback › Render Cache › Smart. The line above the clip turns red, then blue: blue plays in real time. Or set Render Cache to User, right-click the clip and choose Render Cache Fusion Output › On. Your export always renders at full quality.

CAN I USE IT IN CLIENT WORK?

Yes, in personal and commercial projects, including client work. Videos made with the trial carry the watermark. The license is for you alone, so please don’t share or resell the files.

IS PRO A SUBSCRIPTION?

No. Pay once and keep it forever. Pro comes with lifetime updates: every new look and effect, free.

USE IT IN YOUR WORK, KEEP IT TO YOURSELF.

By installing or using Time Shift Blur Trial you agree to these terms.

YOU MAY

- Use it in personal and commercial projects, including client work. Videos made with the trial carry the watermark.
- Change the settings and save your own versions for your own use.

YOU MAY NOT

- Resell, share, upload or redistribute the plugin or this guide, on its own or in a bundle.
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- Dutch law applies. The full terms are at sempolak.com/terms.

SHOW ME
WHAT YOU MAKE.

Post your edit and tag me, @sempolak on Instagram. I repost my favourites. New presets and tools are on the way, and you're on the list.

BY SEM POLAK

ALL 94 LOOKS, NO WATERMARK: **TIME SHIFT BLUR PRO** · SEMPOLAK.COM/BLUR/FULL →

TIME SHIFT **BLUR**