

Joseph Petzval



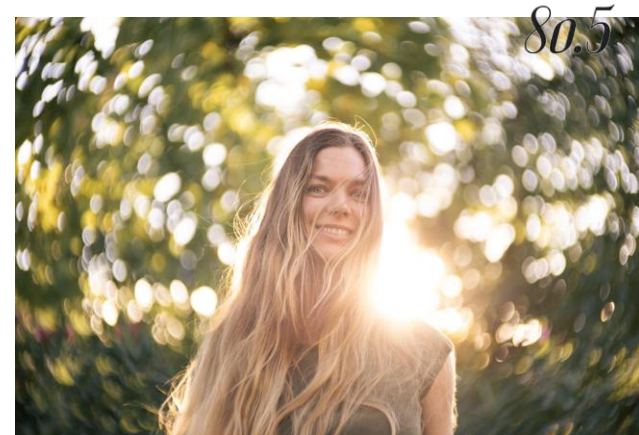
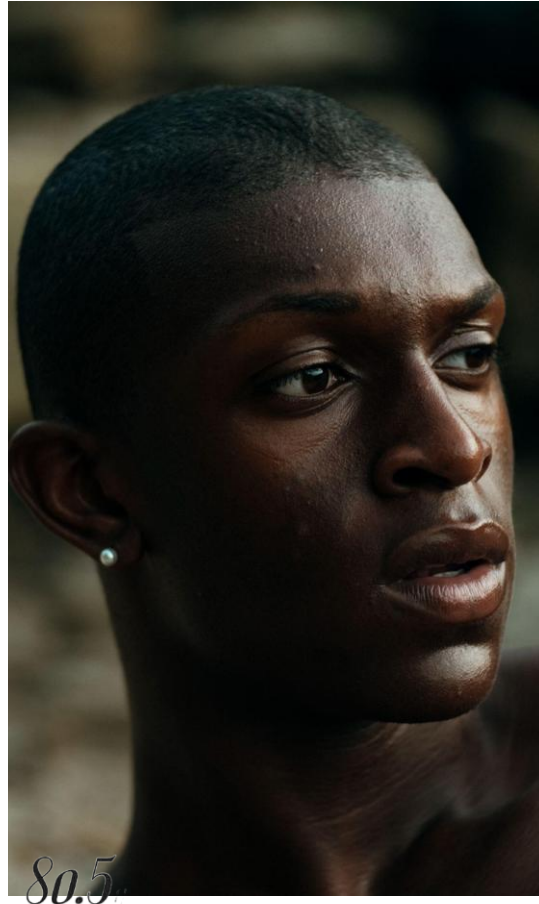
A new generation for Joseph Petzval's legacy



- A series of **five** lenses: 27 mm, 35 mm, 55 mm, 80.5 mm, 135 mm
- Handcrafted based on the original Joseph Petzval's **1840 optical calculations**
- Designed for **full-frame mirrorless** mounts: Sony E, Canon RF, Nikon Z
- **Seven levels** of swirl
- Introducing our new **focus-coupled bokeh control** technology
- Equally **versatile** in photo or video works



The “Petzval look”, in photography



Technical specifications

Joseph Petzval 35 f/2 Focus-Coupled Bokeh Control Art Lens

Focal length: 35 mm
Lens Construction: 5 elements in 4 groups, Petzval Design
Aperture: f/2 - f/22
Field of View: 63 degrees
Lens Mounting Profile: Canon RF, Nikon Z, Sony E
Closest Focusing Distance: 0.4 m
Filter Thread: 67 mm
Lens Coating: Multi-Coated
Electronic Contacts: No
Focusing Mechanism: Helicoid
Focus Throw: 180 degrees
Lens Support: Built-in 1/4 inch lens support
Compatible with follow-focus equipment: MOD, 0.8

Joseph Petzval 55 f/1.7 Focus-Coupled Bokeh Control Art Lens

Focal length: 55 mm
Lens Construction: 4 elements in 3 groups, Petzval Design
Aperture: f/1.7 - f/22
Field of View: 43 degrees
Lens Mounting Profile: Canon RF, Nikon Z, Sony E
Closest Focusing Distance: 0.7 m
Filter Thread: 67 mm
Lens Coating: Multi-Coated
Electronic Contacts: No
Focusing Mechanism: Helicoid
Focus Throw: 180 degrees
Lens Support: Built-in 1/4 inch lens support
Compatible with follow-focus equipment: MOD, 0.8

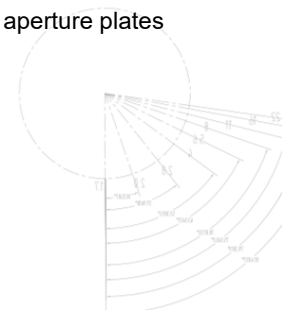
Joseph Petzval 80.5 f/1.9 Focus-Coupled Bokeh Control Art Lens

Focal length: 80.5 mm
Lens Construction: 4 elements in 3 groups, Petzval Design
Aperture: f/1.9 - f/22
Field of View: 30 degrees
Lens Mounting Profile: Canon RF, Nikon Z, Sony E
Closest Focusing Distance: 0.8 m
Filter Thread: 67 mm
Lens Coating: Multi-Coated
Electronic Contacts: No
Focusing Mechanism: Helicoid
Focus Throw: 180 degrees
Lens Support: Built-in 1/4 inch lens support
Compatible with follow-focus equipment: MOD, 0.8



Each package includes:

- Joseph Petzval Focus-coupled Bokeh Control Art Lens
- Lens pouch
- Cleaning cloth
- Special shaped drop-in aperture plates
- Front & rear lens caps
- Joseph Petzval book



Made for photography...

- Compact series, removable lens hoods
- Comfortable user experience, with unified rings across focal lengths
- Ultimate portrait lenses with strong subject isolation
- 7 levels of swirl with no focus shifts between shots
- Out-of-camera character
- Warm veiling glare, gentle lens flares
- Versatile offering: crisp across the frame, or sharp center transitioning to a beautifully swirly out of focus area
- Special aperture plates, including oval anamorphic shape
- Standout bokeh results even when used with crop sensor cameras



...and videography



- Lightweight, anodized aluminium with chrome details
- 180° focus throw
- Stopless rings
- Imperial & metric focus scale
- Gear rings compatible with follow-focus equipment 0.8 MOD
- Standard 67 mm filter thread
- Unified gear rings positions: switching efficiently between each Joseph Petzval focal length, without equipment re-calibration or additional accessories to source
- Focus shifts elimination
- A price point affordable for private purchases – not only rentals



Focus-coupled bokeh control technology

The swirl is at the heart of that unmistakable Petzval look. With our new focus-coupled control technology, it can be controlled like never before.

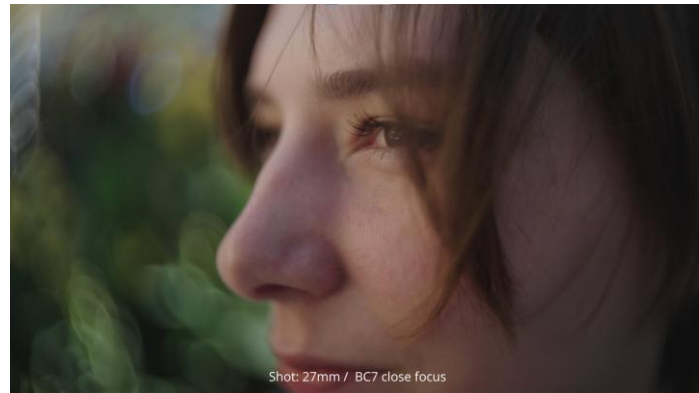
1. Focus on the subject,
2. Adjust the bokeh control ring back and forth through the seven bokeh levels,
3. Subject stays sharp throughout – the focus-coupling mechanism **eliminating any focus shift** which could disrupt the story.



Our new technology finally unlocks the full creative potential of the Bokeh Control feature, for the most immersive videography yet. It's ideal to adjust the visual mood, create subtle transitions, or progressively isolate subjects.

New, wider and longer focal lengths arriving soon

- Bringing to life never-seen-before Petzval imagery
- New creative possibilities unlocked: off-center, golden ratio and sharp two-shots framing, plus beautifully compressed visuals.
- Impressive closest focusing distances
- Cohesive look maintained across every scene



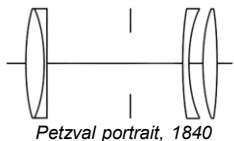
The “Petzval look”, in cinematography



Joseph Petzval, and the resurgence of imperfections in Cinematography

In 1840, in Vienna, **Professor Joseph Maximilián Petzval** invented the very first portrait lens. His groundbreaking design became the most widely used in the 19th century.

The Petzval lens design embraces **field curvature**, creating three-dimensional portraits evoking the style of the **earliest photographs**.



Lens Aberrations and Tunable Optics

American
Cinematographer

Many cinematographers find the purely digital image to be “too sharp” or “too clean,” and more of them have been reaching for less “perfect” optical options to replicate the look and feel of 35mm film projection. **Jay Holben**

One of the most exciting developments in modern lens design is the introduction of optics that have variable characteristics within a single lens — and this goes beyond the amount of aberration that can be reduced in many lenses by stopping down. Several companies now offer more malleable options, giving cinematographers a great deal of creative control within a single family of lenses.

Written by
NOAM KROLL

Antique Petzval Lenses: The Secret Ingredient Behind Hollywood's Greatest Portrait Shots

In recent years, Hollywood has become more open minded to unconventional creative choices – whether in regards to **aspect ratios**, coverage style, or glass.

As part of this trend, we've seen many older / obscure lenses (including vintage Petzval portrait lenses), make their way onto major motion pictures.

If nothing else, this should serve as a reminder that it's always good to think outside the box with regards to lens choice. There are so many amazing lenses out there – some dating back hundreds of years.

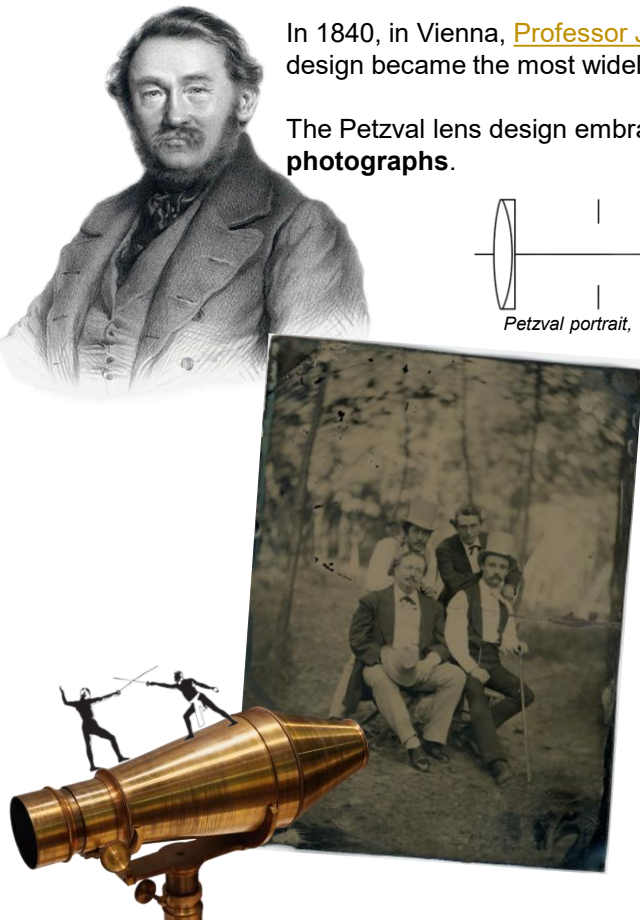
No need to restrict yourself to a kit lens or even a modern cinema lens, when there are so many other options to explore too.

A Look You Can't Really Fake



These lenses are not built for perfection. They're for people who want a shot to feel different on purpose. The swirl, the falloff, the optical weirdness are all there to help you push the image toward something more expressive. Whether it's a dream sequence, flashback, horror scene, or something that just needs a different tone, these lenses give you that option without relying on post effects.

If you're tired of every shot looking the same, these are worth a serious look. Personally, I'm dying to know how or if these new lenses will work with the DJI Focus Pro. Imagine having that surreal look with auto-focus, too.





JULY 2025

New Products

Lomography Announces Petzval Lens Series

Designed for Sony E, Canon RF and Nikon Z users, the series will launch with three focal lengths: 35mm f/2, 55mm f/1.7 and 80.5mm f/1.9....[more](#)



lens_addiction and danielbroad



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Postcards' - @oasis
Join the Lens Addiction Community to read the full breakdown of the lenses - Link in bio.
👉 1- LOMOGRAPHY Joseph Petzval 80.5mm f/1.9



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How Lomography Brings 19th-Century Optics to Photographers in 2025

SEP 06, 2025 JEREMY GRAY



Lomography announced a new line of Petzval lenses in July. The five prime lenses range from 27mm to 135mm and, in some cases, deliver all-new lenses built by recalculating Joseph Petzval's original designs for his iconic 19th-century portrait lenses. Here's how Lomography's engineers brought a nearly 200-year-old optical design back to life in 2025.

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Lomography Petzval – New Series of Lenses Unveiled

Newly-designed with Revolutionary "Focus-Linked Bokeh Control"

Wait, this US\$450 Lomography lens is used in Hollywood movies? Meet the Petzval lens

Features By Mike Harris published May 22, 2025

The Lomography Petzval lens is certainly in Vogue with Hollywood filmmakers right now, and once you understand its unique characteristics, you'll see it everywhere!



The new 35mm lens from Lomography

It's all gone swirly...

Lomography has announced the Joseph Petzval Focus-coupled Bokeh Control Art Lens series, paying homage to the 19th-century lens pioneer. Using recalculations from Joseph Petzval's original 1840 portrait lens, this series includes 35mm f/2, 55mm f/1.7 and 80.5mm f/1.9 glass for full-frame Sony E, Nikon Z and Canon RF mounts. The distinctive swirly bokeh can be adjusted over seven levels using a dedicated stepless bokeh control ring, while focus-coupled technology eliminates focus shifts, Lomography claims. Each lens costs £399, with cashback and bundle deals available. See bit.ly/lomoofer.