

 elinchrom®

# ELB 500 TTL

Focus on the stories you want to share.



TTL in all simplicity



**The Elinchrom ELB 500 TTL is a unit designed to ease the photographer's life.**

It's effortless to use, compact and lightweight enough to be with you wherever you go. It gives you the power needed to access a world of creative freedom.

With TTL, overcome any situation within seconds. Setting up your flash has never been easier and faster.

Throughout the pages of this guide, you'll find different scenarios you could face while working on location. For each one of them we show you how the Elinchrom ELB 500 TTL can help you get the shot quickly and with as little work as possible.

Let's truly connect with your subject and create high-end images in just a few seconds!

Quentin Décaillet

**SUMMARY**

The Bride Getting Ready ——— 4

The Bride & Groom Portraits ——— 10

The First Dance ——— 16

Technical specifications ——— 22



Quentin Décaillet is a photographer and retoucher specialising in beauty and creative portraiture based in Switzerland. Quentin is also a staff writer for FStoppers.com.



# BRIDE GETTING READY

---

How to create dramatic shots in a pinch using TTL and aperture priority mode.

---

Without TTL, when working in Aperture Priority mode, using flash can quickly show its shortcomings when shooting in a fast-paced environment such as a bride getting ready. In this setting, TTL will help you work faster and easier.



With the Elinchrom Pro Transmitter, easily switch your setup from TTL to Manual to adjust your settings.

---

**TTL makes shots that used to be slow to setup without an assistant, a breeze.**

TTL makes shots that used to be slow to setup without an assistant, a breeze. With the Elinchrom ELB 500 TTL, the power and ease of creating dramatic images is in your hands. When documenting a bride getting ready, I tend to rely on Aperture Priority so that I can mostly shoot natural light and when I feel like flash could make for a more dramatic shot, I simply switch on my ELB 500 TTL from the Transmitter Pro.



This shot was created using an Elinchrom ELB 500 TTL with one head, a standard 18 cm reflector, and a 20° grid. The setup of the battery pack is incredibly easy.

Before we get to the fun part of using the ELB 500 TTL, we have the Transmitter Pro to setup. Turn it on, press the TTL button on the bottom left of the screen and you are ready to go! Be sure to take a test shot before catching the moment. If you feel like the flash isn't matching your creative direction, simply adjust the exposure compensation on the Transmitter.

#### TIPS

To position your Elinchrom ELB 500 TTL flash head, be sure to use the modelling light. Using the Elinchrom Transmitter Pro, the modelling light can quickly be enabled and disabled using the "Mod" button. This way, you can make sure your light is in the right place before triggering your first shot.

**Setting up a flash has never been easier.**

We can now create our dramatic shots easily while the camera and the Transmitter Pro do most of the technical work for us. Be sure to play with different light shapers and move them around to create different lighting setups.





## Gear Used



- 1x** ELB 500 TTL - Unit
- 1x** ELB 500 TTL - Head
- 1x** Elinchrom Transmitter Pro
- 1x** Q-Reflector 18 cm
- 1x** Grid 20° (for Q-Reflector 18 cm)
- 1x** Tripod Air Click 105 – 244 cm



# BRIDE & GROOM PORTRAITS

---

How to use TTL to light portraits faster than ever.

---

On a wedding day, having the time to setup a flash during the bride and groom portrait session can be next to impossible.

Let the ELB 500 TTL be your personal assistant to help your workflow.



Once the flash head is plugged in and the battery pack switched on, just turn on the head and you are ready to go.

---

## **The power of creating world-class images is now in your hands.**

With the ELB 500 TTL and the Elinchrom Deep Umbrellas, you can be ready to shoot dramatic looking images in less than a minute! With the ELB 500 TTL, the power and ease of creating world-class images is in your hands.

When shooting on location in manual mode, be sure to start by adjusting your camera exposure settings. To avoid too many tests shots, I tend to enable Live View and adjust the settings until the scene and my histogram looks good.



The shot was created using an Elinchrom ELB 500 TTL with one head, a silver deep umbrella 105 and the diffusion panel.

Once the camera is ready, you can control the flash with the Elinchrom Transmitter Pro. Turn it on, and then press the TTL button to leave most of the technical work to the Skyport System. Before firing multiple shots, be sure to capture a test picture and check that everything looks great. If the flash power isn't matching your wishes, adjust it using the dial.

With less than three key clicks on the Transmitter Pro, the ELB 500 TTL, and then a few dial scrolls on the camera, we are already set to capture stunning images.

#### TIPS

Light shaper size and shape doesn't affect the TTL exposure. With all modifiers, the final result will be properly exposed right up to the maximum flash power.

**Easier  
and faster  
workflow.**



Using HSS, the ELB 500 TTL enables you to set a flash with camera shutter speeds of up to 1/8000s.

When you need to darken the environment or overpower the sun, take advantage of HSS. Simply increase your shutter speed above your x-sync and let the ELB 500 TTL do the rest. Any image can be fine tuned in manual.



---

## Gear Used



- 
- 1x** ELB 500 TTL - Unit
  - 1x** ELB 500 TTL - Head
  - 1x** Elinchrom Transmitter Pro
  - 1x** Silver Deep Umbrella 105 cm with Diffuser
  - 1x** Tripod Air Click 105 – 244 cm
  - 1x** Sand Bag



# FIRST DANCE

---

Thanks to HSS,  
you can now control your environment.

---

Many natural light photographers fear artificial light because it requires more time to setup and it can be technical. With the ELB 500 TTL, you can just focus on the fun and let your imagination go.



## Just focus on the moment.

---

No need to think about your x-sync speed. In seconds, your lighting is ready to work. With the ELB 500 TTL, the power and ease of creating world-class images is in your hands.

Before HSS, flash photographers had to fiddle with fragile ND filters, or buy an expensive medium format system to achieve a dreamy and shallow depth of field. With the ELB 500 TTL, that's a story of the past.

---

HSS is all about creative freedom. In these images, I wanted to kill the ambient light almost entirely to make my couple stand out whilst retaining details in the background.

To capture the bride and groom dancing, using HSS with an extremely fast shutter speed will avoid any motion blur.

The first step is to adjust my camera settings and make sure the environment is as dark or as light as I wish. Using Live View to speed up the process, I check the histogram as well as the live view feed and adjust the shutter speed, ISO, and aperture.



All the information you need is shown on the Elinchrom Transmitter Pro display.

Once my exposure is set for the background, I switch on my Elinchrom Transmitter Pro and press the TTL button. By doing this, I can concentrate on the story happening in front of my lens instead of worrying about the technical details.

I've decided to enable one more option on my Transmitter Pro to make sure my bride and groom are perfectly sharp at the end of the exposure: the 2<sup>nd</sup> curtain sync.

#### TIPS

In dark situations, using the modelling lamp to help focusing is a great idea. But this can drain the battery and depending on your light-shaper, it might not be powerful enough. Instead, you can use the AF assist feature of your Elinchrom Transmitter Pro to help you achieve precise focus.



The modelling lamp settings are easily adjusted in the ELB 500 TTL menu.

---

## Empowering freedom for the most creative.

To activate the 2<sup>nd</sup> curtain sync, press Setup and then scroll down to SC Setup and make sure it's ON. On some cameras, such as Nikon, you may have to enable it on the camera body as well.

With my camera set, the battery pack on, and the Transmitter Pro in TTL, I can move around my couple to shoot multiple angles without having to readjust my light even if they move too much. The ELB 500 TTL and Skyport System will take care of everything for me.





Shooting the first dance can be very stressful. It happens fast, it's not always easy to move around the crowd to change angles and, sometimes, someone may block your light.

But thanks to the Groups feature, when using several ELB 500 TTL heads or battery packs, you can capture multiple lighting setups within a matter of seconds.

## Gear Used



- 1x** ELB 500 TTL - Unit
- 2x** ELB 500 TTL - Heads
- 1x** Elinchrom Transmitter Pro
- 2x** Q-Reflector 18 cm
- 2x** Grids 20° (for Q-Reflector 18 cm)
- 2x** Tripods Air Click 105 – 244 cm

# ELB 500 TTL SETS

## ELB 500 TTL To Go

N° 10309.1

- ELB 500 TTL – Unit
- ELB 500 TTL – Battery
- ELB 500 – Head
- ELB 500 – Charger
- ELB 500 – Snappy
- Q-Reflector 18 cm
- ProTec Location Bag



## ELB 500 TTL Dual To Go

N° 10310.1

- ELB 500 TTL – Unit
- ELB 500 TTL – Battery
- ELB 500 – Head (x2)
- ELB 500 – Charger
- ELB 500 – Snappy
- Q-Reflector 18 cm
- Q-Wide Reflector 13.5 cm
- ProTec Location Bag



## ACCESSORIES

### Elinchrom Transmitter Pro

N° 19366 / N° 19367

The Elinchrom Transmitter Pro enables seamless control and synchronisation up to 1/8000s.

Available for Canon® and Nikon® and soon other brands.



The ELB 500 TTL is also compatible with the Phottix® Odin II system, extending compatibility with Canon® and Nikon® on-camera flashes with the Odin II receivers.

### Recommended Accessories

- Q-Reflector Adapter MKII - N° 26342
- Q-Wide Reflector 13.5 cm - N° 26145
- Q-Reflector 18 cm - N° 26056
- Q-Octa 56 cm - N° 26600
- Silver Deep Umbrella 105 cm - N° 26352
- Tripod Air Click - 105-244 cm - N° 31038

# ELB 500 TTL

Focus on the stories you want to share.

### Enjoy Simplicity

Challenging situations are now simple thanks to TTL. Be ready within seconds and enjoy beautiful light right from the first shot with TTL. If necessary, quickly switch to manual on your transmitter to take full control of your ELB 500 TTL.

Set the light you want, in all simplicity.

### Power with HSS

With 500 Ws, the ELB 500 TTL easily overpowers the sun. The Elinchrom Pro transmitter gives you access to High Speed Sync to seamlessly synchronise at speeds of up to 1/8000s. Freeze motion, darken and overpower the ambient light or use wider aperture.

Creating a dreamy background has never been easier.

### Endless Freedom

The ELB 500 TTL offers you total freedom in a lightweight and portable solution while still delivering 400 full power flashes on a single charge. Freeze motion in action mode or use HSS, rely on the battery for on location work or plug into the mains while shooting in studio with the Active Charge feature.

No matter what you want to shoot, the ELB 500 TTL will deliver!

### Exceptional Light Quality

10 times more powerful than an on-camera flash, the ELB 500 TTL doesn't sacrifice light quality for ease of use and portability. Together with the Elinchrom range of accessories, benefit from perfect light distribution and generate high-end light quality with countless setups wherever you shoot.

With unmatched colour and light consistency, get the perfect shot right from the start.

### Unlimited Creativity

The ELB 500 TTL offers you the fun and creativity of flash photography. It is the perfect all-round portable studio flash for all your imaging. The unit offers a wide variety of lighting possibilities when used with two asymmetrical controllable flash heads.

Combined with the TTL and HSS feature, it's effortless to use while delivering exceptional high-end results.

### Seamless From Top to Bottom

Your workflow becomes easier and faster than ever with the ELB 500 TTL thanks to the TTL and seamless HSS features. The unit works just like an assistant.

Concentrate on the story you want to tell and produce better images in just a few steps.

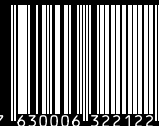
## SPECIFICATIONS

Flash Power	500 Ws/J
Power Distribution	Full asymmetry
Power Range	7 F-stops
Best Flash Duration	Action: 1/20000s - Normal: 1/3400s
Recycling Time	0.05 - 2 seconds
Dimensions (LxWxH)	16.3 x 9.0 x 18.1 cm
Weight (Unit + Battery)	2.48 kg
Weight of Battery	0.73 kg
Battery	Removable - Li-Ion 14.4 V - 72 Wh
Battery Capacity	400 / 28000 flashes (full power/min. power)
Compatibility	Skyport: Elinchrom Transmitter Pro Phottix: Phottix Odin II Transmitter





ELB 500 TTL



7 630006 322 122

[www.elinchrom.com](http://www.elinchrom.com)