Phottix Anything goes

www.phottix.com

Odin™ II

TTL Flash Trigger

Transmitter

Receiver

Introducing The Phottix Odin II

Phottix adds cutting-edge functionality and features to their flagship trigger.

Building on the industry-changing Phottix Odin TTL Flash Trigger, Phottix announces the availability of the Phottix Odin II TTL Flash Trigger. The Odin II user interface and control system has been dramatically re-engineered making it faster and easier to use. It features 5 groups with individual buttons and a control dial for quickly adjusting flash power levels. An AF Assist light has been added to the Odin II TCU for improved focusing when used in low light environments. With 32 channels and a new Digital ID function, the Odin II offers photographers a way to personalize their Odins and prevent triggering from other nearby triggers.

The same features that made the original Phottix Odin an award-winning product are found in the new Odin II. TTL and Manual power control, flash zoom control, LCD display for visual feedback, and high speed sync.

The Phottix Odin II is fully compatible with the Phottix ecosystem of flash triggers – the original Odin, Strato II and Atlas II. The Odin II will also control and trigger the Indra500 TTL, Indra360 TTL Studio Light and Mitros+ TTL Transceiver Flash.

Designed based on input from photographers around the world, the Phottix Odin II features a USB port for firmware upgrades.

The Phottix Odin II will be sold as separate Transmitter and Receiver units. Canon and Nikon compatible versions will be available in March/April 2016. Sony-compatible units will follow later in 2016, and, will be with "ISO" compatible hot shoe.

What can the Phottix Odin II TTL Flash Trigger System do?

- 5 groups A, B, C, D, E
- 2.4 GHz frequency, Range 100m
- 32 channels with Digital ID
- Manual Power Control 1/1 to 1/128
- Firmware upgradeable
- Modeling Light Control (Indra500 & Indra360 only)
- TTL Power Control +/- 3EV
- Flash Zoom control
- Group buttons and control dial for fast power changes
- High Speed Sync – up to 1/8000s*
- AF Assist Light
- Compatible with Canon (with E-TTL flash) and Nikon (with i-TTL flash) DSLR**

Specifications subject to change without prior notice
*On compatible cameras **Please refer to compatibility list for compatible model

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Intuitive New User Interface

Phottix is committed to continually improving its products. The original Odin TTL Flash Trigger was a landmark product in the photography industry – allowing photographers to control and trigger hot shoe flashes in TTL or Manual modes. The LCD on the Odin allowed users to see what power levels and flash zoom levels were selected.

The re-engineering of the Odin II User Interface was based on the feedback of users. Their number one gripe? Cycling through the groups and setting power levels required a lot of button pressing. It was (and still is) a great trigger – but it wasn't as fast or intuitive as it could have been.

Two new features make the Odin II both easier and faster to use. Each group – A, B, C, D and E, have an individual button. Unlike the Odin I, you don't need to cycle through the groups to make adjustments. Press the Group button and make your adjustment.

To further streamline use we added an analog thumbwheel. Instead of pressing buttons to adjust power or EV levels, photographers can now turn the thumbwheel until the desired power level is set - making changes is fast, easy and convenient.

Adding an AF Assist Light system to the original Odin was the top of many photographers lists. We listened and added a laser-based AF Assist system to the Odin II TCU. Getting tack sharp focus in low light locations is now much easier with the Odin II.

More Channels and Digital ID

One of the many enhancements we added was more channels. As the system became more and more popular we had many photographers asking for more channels – to prevent inadvertent triggering if being used near other Odin users.

The Odin II features 32 channels. And we upped the ante. The Odin II features a Digital ID function to customize Odin II transmitter and receivers - keeping them safe from interference and outside triggering. Photographers can enter a four digit Digital ID code on their Odin TCU and Receivers units. Odin II Receivers will only trigger from TCU units using the same four digit Digital ID code.

With more channels and Digital ID photographers can shoot more and worry less about other nearby users.

High Speed Sync

The Odin II continues to offer High Speed Sync features – allowing photographers to shoot at speeds of up to 1/8000s.* When shooting with the Phottix Indra500 or Indra360, or the Mitros+ TTL Transceiver flash, shutter speed is no longer a limitation. When using original first-party flashes on Odin II receivers, photographers can also enjoy the benefits of high speed sync.

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*On compatible cameras

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ODS - Over Drive Sync

The Odin II features Phottix's popular ODS – Over Drive Sync technology. ODS allows photographers using studio lights to shoot at shutter speeds higher than their camera's X-Sync Speed. ODS is two parts technology and one part black magic – ODS may allow users to overcome the limitation of their current systems*.

Phottix Indra Compatibility

The Phottix Odin II is completely compatible with the award-winning Phottix Indra500 and Indra360 TTL Studio Lights. **An Indra firmware upgrade will give access to the Odin II 32 channels and Digital ID function.** Users will also be able to control the power level on the modeling light on Indra series lights using the Odin II TCU.

A Complete "Anything Goes" System

The Odin II is the crown jewel in Phottix's complete system approach to lighting. The Odin II can control and trigger Phottix's award-winning Indra series studio lights and Mitros+ TTL Transceiver flashes – as well as trigger third-party studio lighting and hot shoe flashes.

The Phottix Lighting System offers solutions for every shooter. Hot Shoe flash minimalists can use the Odin II and the Mitros+. Photographers needing to overpower the sun can use the Phottix Indra, the Odin II and High Speed Sync features. Or these products can be combined creating the perfect lighting solution for challenging environments.

Compatibility with the Phottix Ecosystem

Phottix is dedicated to making its newest technology work with previous generations. **The Phottix Odin II will trigger** classic Phottix triggers, including the original Odin, Strato I and II, and Atlas II.**

* The success of ODS is dependent on the specifications and capabilities of the flash and camera systems being used. Cameras with shutters that have a slower traverse speeds may see little or no improvement.
** Some limitations apply.

32 CHANNELS

Odin II Transmitter Technical Specs:

Frequency	2.4 GHz
Range	Approx 100 m
Channels	32 Channels
High Speed Sync	Supported*
Exposure Control System	TTL and manual (1/1, 1/128, 1/3 stop increments)
Digital ID	0000-9999 (CH05 - CH32 only)**
Groups	5 (A/B/C/D/E), CH01-04: A to C only
Flash Ratio Control	8:1-1:1-1:8
Flash Exposure Compensation	-3.0 to +3.0, 1/3 stop increment
Power Source	2x AA alkaline batteries or AA NI-MH batteries
Dimensions (L x W x H)	109.3 x 71.7 x 56mm
Weight	128g (Excluding batteries)

Odin II Receiver Technical Specs:

Frequency	2.4 GHz
Power Source	2x AA alkaline batteries or AA NI-MH batteries
Channels	32 Channels
Range	100 m
High Speed Sync	Supported*
Wireless Radio ID	0000-9999 (CH05 - CH32 only)**
Slave Unit Control	5 (A/B/C/D/E), CH01-04: A to C only
Dimensions (L x W x H)	109.3 x 71.7 x 56mm
Weight (approx)	128g (Excluding batteries)

SKUs

PH89069 Phottix Odin II TTL Flash Trigger Transmitter for Nikon
PH89067 Phottix Odin II TTL Flash Trigger Receiver for Nikon
PH89074 Phottix Odin II TTL Flash Trigger Transmitter for Canon
PH89072 Phottix Odin II TTL Flash Trigger Receiver for Canon

Specifications may change without notice.
*With compatible cameras.
**Digital ID only supports channel 05-32.

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Odin II and Odin Major Feature Comparison:

	Odin II	Odin
Groups	5 groups A, B, C, D, E	3 groups A, B, C
Channels	32	4
Digital ID	CH05-CH32	No
Power Control Change	Dial/Buttons	Buttons
Group Access	Direct Access buttons	Single button
TTL Power Control	+/3EV	+/-3EV
Manual Power Control	1/1 to 1/128	1/1 to 1/128
Ratio Mode	Yes	Yes
High Speed Sync	Yes, up to 1/8000 sec	Yes, up to 1/8000 sec
Second Curtain Sync	Nikon and Sony	Nikon, Canon, Sony
Over Drive Sync (ODS)	Yes	Yes
AF Assist Lamp on transmitter	Yes	No
Remote Flash Zoom Control	Manual	Automatic, Manual
Remote Modeling Lamp Control w/Indra flashes	Yes	No
Attachment lock	Quick Lock-Release	Locking Ring
Receiver Setting Controls	Buttons and LCD	Switches

A Mitros+TTL Transceiver Flash

Odin II TTL Flash Transmitter and Receiver

The Indra500 TTL Monolight and battery sit

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Comparison Chart

	Odin™ II	Indra500 TTL	Mitros™+	Odin™	Strato™ TTL	Strato™ II Multi	Ares™
Range	100m		100m+	100m+	100m+	150m+	200m+
TTL	✓	✓	✓	✓	✓		
Channels	32	4	4	4	4	4	8
Groups	5	3	3	3	4	4	
Max. Sync Speed	1/8000s	1/8000s	1/8000s	1/8000s	1/8000s	1/250s	1/250s
Overdrive Sync (ODS)	✓			✓	Coming Soon		
High Speed Sync	✓	✓	✓	✓	✓		
Second Curtain Sync	*	✓	✓	✓	✓		
Pass-through hot shoe						✓	
LCD Screen	✓	✓	✓	✓	✓		
Canon Version	March 2016	✓	✓	✓	✓	✓	
Nikon Version	April 2016	✓	✓	✓	Coming Soon	✓	
Sony Version	Later 2016		✓	✓	Coming Soon	✓	
Batteries	AA		AA	AA	AA	AAA	AA
Wired Remote					✓	✓	
Wireless Remote					✓	✓	
Transmitter Sync Port						✓	

Triggering Chart

Phottix Mitros™+	Odin™ II	Indra500 TTL	Mitros™+	Odin™	Strato™ TTL	Strato™ II Multi	Ares™
Triggers	✓		✓	✓		✓	
Triggered by		✓	✓	✓	✓(M)	✓	

Phottix Odin™	Odin™ II	Indra500 TTL	Mitros™+	Odin™	Strato™ TTL	Strato™ II Multi	Ares™
Triggers	✓		✓	✓		✓	
Triggered by		✓	✓	✓			

Phottix Strato™ TTL	Odin™ II	Indra500 TTL	Mitros™+	Odin™	Strato™ TTL	Strato™ II Multi	Ares™
Triggers	✓		✓(M)		✓	✓	
Triggered by					✓		

Phottix Strato™ II Multi	Odin™ II	Indra500 TTL	Mitros™+	Odin™	Strato™ TTL	Strato™ II Multi	Ares™
Triggers	✓		✓			✓	
Triggered by		✓(M)	✓	✓	✓	✓	

Phottix Atlas™ II	Odin™ II	Indra500 TTL	Mitros™+	Odin™	Strato™ TTL	Strato™ II Multi	Ares™
Triggers	✓						
Triggered by		✓(Sync Port)	✓	✓	✓	✓	

Phottix Ares™	Odin™ II	Indra500 TTL	Mitros™+	Odin™	Strato™ TTL	Strato™ II Multi	Ares™
Triggers							✓
Triggered by		✓(Sync Port)					✓

* (M) : Manual Mode
** Second curtain sync to Nikon

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Odin II FAQ

What can the Odin II TCU Transmitter do?

Control Power and Trigger:

- Indra500/360 TTL Studio Lights
- Mitros+ Flashes
- Canon/Nikon/Sony* flashes mounted on Odin II receivers
- Canon/Nikon/Sony* flashes mounted on Odin I receivers

Control Flash Head Zoom:
Mitros+ Flashes or Canon/Nikon/Sony* flashes mounted on Odin I or II receivers.

Trigger:
Strato II, Strato I receivers for Canon/Nikon/Sony* and Atlas II transceivers.

How is the Odin II TCU compatible with other Phottix products?

Phottix Odin II Receiver: 32 channels, 5 Groups, plus ID

Original Phottix Odin Receivers: Set Odin II TCU to Channels 1-4.

Phottix Strato II, Strato I Receivers and Atlas II triggers: Set Odin II TCU to Channels 1-4.

Phottix Indra360/500, Mitros+ Flashes: With Odin II TCU to Channels 1-4.
Channels 5-32 available with firmware upgraded Phottix products.

Can third-party flashes be used with the Odin II system?

Phottix testing includes Phottix products as well as flashes from camera manufacturers. Third-party flashes may be fully or partially compatible with the Odin II system – **Phottix does not test these flashes or provide technical support for third-party flashes.**

Can an Odin II TCU designed for one camera brand trigger Odin II Receiver designed another brand?

No. A Phottix Odin II TCU designed for Nikon, Canon or Sony* can be used only with a Phottix Odin or Odin II Receiver designed for the same brand. Each Odin system component operates using different digital coding, so TCUs and receivers for Canon, Nikon and Sony cannot be used together.

Can the Odin II work with triggering systems made by other manufacturers?

No. The Odin II can only work with compatible products in the Phottix system.

Does the Odin II have High Speed Sync / FP Sync?

The Odin II supports High Speed Sync / FP Sync with Canon/Nikon/Sony camera systems at shutter speeds up to 1/8000s. The shutter speed is limited by the camera's maximum shutter speed.

With Canon DSLRs and flashes, HSS is activated by pressing a button on the Odin II TCU for Canon. With Nikon DSLRs and flashes, FP Sync is enabled within the camera's flash function menu. With Sony DSLRs and flashes, HSS is activated by pressing a button on the Odin II TCU for Sony.

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What is ODS – Over Drive Sync? How does it work?

The Odin II ODS function allows for the adjusting of flash triggering times to enable shooting at higher sync speeds with some studio flashes (especially those with IGBT circuitry). The ODS mode allows delaying and advancing the flash trigger point to optimized flash exposure for high shutter speeds with various flash and camera combinations. The ODS feature is set in the Odin II's Menu.

The actual success of ODS is dependent on the specifications and capabilities of the flash and camera system in use. Camera with shutters that have a slower traverse speeds may see little or no improvement. Studio flashes with short burst durations or used at lower than maximum power level could produce uneven or incomplete illumination.

Does the Odin II have Second Curtain / Rear Curtain Sync?

Yes. The Odin II for Nikon and Sony offers Second Curtain / Rear Curtain Sync functions. With both systems, Second Curtain Sync is enabled within the camera's flash function menu. Second Curtain / Rear Curtain Sync is not available on the Canon-compatible version of the Odin II.

Can the Odin II remotely adjust the flash zoom position?

Yes. However, unlike the original Odin TCU, the Odin II does not offer automatic flash zoom adjustment while the camera's lens zoomed. Flash zoom position must be adjusted manually for a particular subject or effect.

Flash zoom position is adjusted separately for each of the 5 groups. All flashes controlled by a group will be set for the same zoom position.

The flash zoom range is limited to the specifications of the flash in use-- a flash with a maximum zoom position of 135mm cannot be zoomed to 200mm.

*The Original Odin system for Sony has the Sony/Minolta flash mount. The Odin II system uses the new Sony ISO flash mount.

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