

Laso

Canon Flash Trigger

Laso for Canon

PH89091 TTL Flash Trigger Receiver

PH89092 TTL Flash Trigger Transmitter

Introducing the Phottix Laso TTL Flash Trigger. The Phottix Laso Flash Trigger System allows users to control and trigger Canon radio enabled flashes, as well as control and trigger Canon's non radio flashes mounted on Laso Receivers. Using Phottix Laso Receivers, photographers can control and trigger older Canon flashes without built in radio functions. Studio lights can also be triggered by the Laso Receiver, adding a new layer of creativity.

Similar to the Canon ST-E3 Radio Triggering system – the Phottix Laso features a receiver - something the Canon system is lacking. This opens up a whole new world of possibilities for photographers using the Canon radio system – which is now only compatible with Canon's 600EX-RT and 430EX III RT flashes.

Using a Phottix Laso receiver allows Canon's legacy flashes, like the venerable 580 EXII and 430 EXII, to be used with the current Canon control and triggering "RT" system. The Laso Receiver can also be used to trigger studio lights. The Laso receiver is compatible with the Phottix Laso Transmitter, Canon ST-E3, and Canon radio-enabled flashes.

Features:

15 channels with Digital ID

AF Assist Light

High Speed Sync1/ 8000** Support Multiple Flash Modes including E TTL II/ E TTL, Manual, Multi, Ext.A and Linked Shooting***

Controls and Triggers Canon compatible radio enabled flash****

Laso Transmitter:

The Phottix Laso Transmitter can control and trigger 5 groups* (15 units) of Canon compatible radio enabled flashes and supports multiple flash modes, including E TTL II/E TTL, Manual, Multi, Ext.A and Linked Shooting.

Laso Receiver:

The Laso Receiver works with Canon's non radio E TTL flashes. Users can control and trigger these flashes from different radio devices, including the Phottix Laso Transmitter, Canon STE3RT flash transmitter, and Canon radio enabled flashes. The Laso Receiver can also be connected to studio lights, offering the ability to mix hot shoe flashes and studio lights in one triggering system.

Please note: Product specifications and external design are subject to change without notice.

** On compatible (Canon) cameras released after 2012 (excluding EOS1200D).*

***E TTL auto flash is not available with EOS film cameras and EOS 1D, EOS 1Ds.*

****Multi flash is not compatible with Laso receiver.*

*****Group flash is not possible with cameras released before and up to 2011 (and EOS1200D), flash sync speed will be one stop slower than normal sync speed.*



Laso Transmitter Technical Specs:

Frequency:	2.4 GHz
Range:	100m
Channel:	Auto, Ch.1-15
HSS Function:	1/8000s* , high speed sync is possible only with EOS digital cameras released since 2012
AF Assist Light:	Peak Wavelength : 650nm Optical Power : <5mW Spot Diameter at 1m : Injecting Distance 1m: L-335mm W-326mm (angle of the sector at approx. 20°)
Type:	On-camera wireless flash trigger
Compatible Cameras:	EOS type-A camera compatible with E-TTL II/E-TTL autoflash**
Exposure Control System:	E-TTL II/E-TTL auto, manual flash, stroboscopic flash, auto external flash metering (only when the flash mode is set to <Gr>) .
Modulation System:	Primary Modulation: OQPSK, Secondary Modulation: DS-SS
Wireless Radio ID:	0000-9999
Slave Unit Control:	Up to 5 groups (A/B/C/D/E) ***, up to 15 units
Flash Ratio Control:	1:8-1:1-8:1, 1/2-stop increments
Flash Exposure Compensation:	±3 stops in 1/3- or 1/2- stop increments
Manual Flash:	1/1-1/128 (1/3-stop increments)
Power Source:	2 x AA alkaline batteries or AA NI-MH batteries
Power Saving:	Auto Idle if not operated for 5 min.
Dimension (LxWxH):	84.1x68.3x58.5 mm
Weight (Approx.):	118 g (Excluding the batteries)

Please note: Product specifications and external design are subject to change without notice.

*On compatible (Canon) cameras released after 2012 (excluding EOS1200D).

**ETTL auto flash is not available with EOS film cameras and EOS 1D, EOS 1Ds.

***Group flash is not possible with cameras released before and up to 2011 (and EOS1200D), flash sync speed will be one stop slower than normal sync speed.

Laso Receiver Technical Specs:

Frequency:	2.4 GHz
Power Source:	2 x AA alkaline batteries or AA NI-MH batteries; 5V DC (External power port)
Channel:	Auto, Ch.1-15
Range:	100m
Type:	Wireless Trigger For Canon/Receiver
Compatible Cameras:	EOS type-A camera compatible with E-TTL II/E-TTL autoflash**
Exposure Control System:	E-TTL II /E-TTL auto, manual flash
Wireless Radio ID:	0000-9999
Slave Unit Control:	Up to 5 groups (A/B/C/D/E) ***, up to 15 units
Dimension (LxWxH):	93x70x47.5 mm
Weight (Approx.):	93.3g (Excluding the batteries)

**ETTL auto flash is not available with EOS film cameras and EOS 1D, EOS 1Ds.

***Group flash is not possible with cameras released before and up to 2011 (and EOS1200D), flash sync speed will be one stop slower than normal sync speed.

Phottix Laso TTL Trigger FAQ

What is the Phottix Laso?

The Phottix Laso is a TTL Flash Trigger system designed exclusively for Canon cameras and flashes. The Laso system is comprised of a transmitter and receiver.

What does the Laso System do that the Canon Radio system does not?

The Phottix Laso System, unlike the Canon RT system, has a separate receiver. The Laso Receiver is used with older Canon flashes, like the 580EX II, to enable radio control of these flashes by the Laso transmitter, Canon's ST-E3 RT or the Canon 600EX RT flash.

What is the Phottix Laso System compatible with?

The Laso transmitter will control and trigger Canon radio-enabled "RT" flashes when used with EOS DSLR cameras and Canon Type-A SLR cameras that are compatible with E-TTL II/E-TTL auto flashes.

When mounted on a Laso Receiver, older Canon non-radio enabled flashes, like the 580 EX/EXII can be radio triggered and controlled. The Laso receiver is also compatible with Canon's ST-E3 RT transmitter or the Canon 600EX RT flash.

Full operation is possible with Canon DSLR cameras produced after 2012, such as the 5D MKII. Some features, like TTL Group control, are not possible when using Canon cameras, produced before 2012.

How is the Laso different than the Phottix Odin or Strato TTL Triggers?

The Laso System designed for exclusive use with Canon's RT radio trigger system. The Laso System transmits and receives Canon's native radio protocol and thus is not radio-compatible with any other Phottix product. The benefit is use of Canon non-radio flashes with the Canon RT radio system. The Laso receiver also has a port for RT triggering of studio flashes

Is the Laso compatible with the Phottix Odin, Indra or Mitros+ products?

No, the Phottix Laso is a closed system and is not compatible with other Phottix flash triggers or receivers.

The Laso Receiver works with the Phottix Laso Transmitter, Canon ST-E3-RT flash transmitter, and Canon radio-enabled flashes only.

Does the Laso transmitter have an AF assist beam?

Yes. The AF assist beam is effective within 5m range (lens zoom range 17-105mm and greater focal lengths) measured from the center AF point.

Can the Laso control flash zoom functions on remote slave flashes?

No, unlike the Phottix Odin system, flash zoom cannot be controlled via the Laso transmitter.

Does the Laso support High Speed Sync?

Yes, the Laso transmitter and receiver support high speed sync when used with cameras, such as the 5D MKIII, released after 2012.

Does the Laso support Second Curtain Sync?

No, there is no Second Curtain Sync functionality. Second Curtain Sync with Canon cameras is only available with a camera-mounted flash.

Is the Laso firmware upgradeable?

Yes, it is.

What Laso functions are available when using Canon cameras released before 2012?

TTL flash in Groups is not available. Multi flash is not available

What are the Laso compatible camera models?

Camera released after 2012

DSLR: 760D (EOS Rebel T6s, EOS 8000D), 750D (EOS Rebel T6i, EOS Kiss Digital X8i), 5Ds, 7D MKII, 70D, 700D (EOS Rebel T5i, EOS Kiss Digital X7i), 100D (EOS Rebel SL1, EOS Kiss X7), 6D, 650D (EOS Rebel T3i, EOS Kiss Digital X6i), 5D MKIII, and 1DX.

Mirrorless/ Others: EOS M2, G1X MK II, EOS M, and EOS M3.

Camera released before 2012

DSLR: 1200D (EOS Rebel T5, EOS Kiss X70), 600D (EOS Rebel T3i, EOS Kiss Digital X5), 1100D (EOS Rebel T3, EOS Kiss X50), 60D, 550D (EOS Rebel T2i, EOS Kiss Digital X4), 1D MK IV, 500D (EOS Rebel T1i, EOS Kiss Digital X3), 5D MKII, 50D, 1000D (EOS Rebel XS, EOS Kiss F), 450D (EOS Rebel XSi, EOS Kiss Digital X2), 1Ds MK III, 40D, 1D MK III, 400D (EOS Rebel XTi, EOS Kiss Digital X), 30D, 5D, 1D MK II N, 1Ds MK II, 20D, 1D MK II, 300D (EOS Rebel, EOS Kiss), 10D, 1Ds*, and 1D*.

Mirrorless/ Others: G1X and G12.

*ETTL auto flash is not available with EOS film cameras and EOS 1D, EOS 1Ds.

Which flashes are compatible?

Testing continues - at present the Laso receiver will control and trigger the Canon 600EX, 580EXII, 430EXII and the Phottix Mitros+ for Canon.

Other remarks:

- Group flash, HSS, and auto flash (Ext.A) are not possible with cameras released before and up to 2011 (and EOS1200D), flash sync speed will be one stop slower than normal sync speed.
- C8 cables required for linked shooting mode: 5D MKII, 50D, 1Ds Mark III, 1D MK II, 40D, 30D, 5D, 1Ds MK II N, 1Ds MK II, 20D, 1D MK II, 10D, 1Ds, and 1D.
- C6 cable is required for linked shooting mode for the following model: 1200D (EOS Rebel T5, EOS Kiss X70), 600D (EOS Rebel T3i, EOS Kiss Digital X5), 1100D (EOS Rebel T3, EOS Kiss X50), 550D (EOS Rebel T2i, EOS Kiss Digital X4), 500D (EOS Rebel T1i, EOS Kiss Digital X3), 1000D (EOS Rebel XS, EOS Kiss F), 450D (EOS Rebel XSi, EOS Kiss Digital X2), 400D (EOS Rebel XTi, EOS Kiss Digital X), and 300D (EOS Rebel, EOS Kiss).
- Linked shooting is not supported in camera released before 2012 other than the above listed models.
- Slave flash does not support modeling flash.