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USER MANUAL

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Elinchrom Transmitter PRO

Firmware V.3.0

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Tolerances and specifications conform to IEC and CE standards. Technical data subject to change without

INTRODUCTION

Dear Photographer,

Thank you for choosing ELINCHROM.

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All Elinchrom products are manufactured using the most advanced technology. Carefully selected components are used to ensure the highest quality and the equipment is subjected to many tests both during and after manufacture. We trust that it will give you many years of reliable service.

Please read this User Manual carefully before you use your new Elinchrom product. You will find information for your safety and how to benefit from all the programmable features.

This Manual may show images of products with accessories which are not part of sets or single units. Elinchrom set and single unit configurations may change without advice and may differ in other countries.

For further details, upgrades, news and the latest information about the Elinchrom system, please regularly visit the Elinchrom website. The latest user guides and technical specifications can be downloaded from the “Support” area.

Technical data, features and functions of Elinchrom flash units and accessories may change without notice. The listed specification can differ due to tolerances in components or measuring instruments. Technical data is subject to change. No guarantee for misprints.

Please check for the most recent manual at our website: www.elinchrom.com/support

Thanks,
Your Elinchrom-Team

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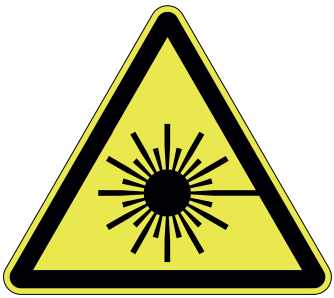

The Product is classified as a Class 3R laser product, according to the following standards IEC/EN 60825-1 “Radiation Safety of Laser Products”.

Class 3R: A Class 3R Laser is considered safe if handled carefully, with restricted beam viewing. With a class 3R laser, the MPE can be exceeded, but with a low risk of injury. Visible continuous lasers in Class 3R are limited to 5mW. For other wavelengths and for pulsed lasers, other limits apply.

DECLARATION OF CONFORMITY USA AND CANADA

EN This device complies with Part 15 of the FCC Rules and with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This product complies with the Canadian ICES-003 Class B specifications.

FR Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes(1) ce dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Radiation Exposure Statement

EN This equipment complies with portable RF exposure limit in Canada and the USA set forth an uncontrolled environment and is safe for intended operation as described in this manual. Further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body.

FR Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats- Unis et le Canada établies pour un environnement non contrôlé. Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être utilisé aussi loin que possible du corps de l'utilisateur.

FCC Class B Compliance note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This device is limited to operation on permissible Part 15 frequencies, and it does not have the ability to be configured by end users or professional installers to operate outside the authorized bands.

ELINCHROM TRANSMITTER PRO

VERSIONS

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The Elinchrom Transmitter Pro is available for the following compatible cameras

- Canon®
- Nikon®
- Sony®, Olympus ®/ Panasonic® and other camera brands will follow soon.

FEATURES

- Elinchrom TTL with compatible Elinchrom TTL flash units.
- Manual mode, compatible with Elinchrom flash units with build-in Skyport Receivers.
- Large graphic control display.
- Backlight in green or red (green for Normal Sync Mode, red for Speed Sync Mode).
- Fast access buttons and rotating wheel for easy control.
- Secure Hot-Shoe connection with bayonet locking system.
- Standard 2 AA Batteries (Accepts rechargeable batteries).
- 2.5mm phone jack trigger output, for direct synchronisation with a flash unit.
- Firmware update with integrated Mini-USB socket.
- 40 remote channels.
  - 20 frequency channels in Normal Sync mode.
  - 20 frequency channels in Speed Sync mode.
    (For all latest Elinchrom flash units with 20 frequency channels.)
- 4 Groups and ALL .
- EL-Skyport Sync Modes.
  - Normal Sync Mode (maximum distance range).
  - Speed Sync Mode (with compatible cameras, but reduced distance range).
- Sync Modes:
  - Automatic controlled Hi-Sync or HSS up to 1/8000s).*
  - Second curtain mode.***
  - ODS (Over-Drive-Sync) fine tune the time delay at fast shutter speed settings, from 0.1 to 5.0 ms.
- Auto MOD *** to control the modelling light of the Elinchrom flash units for focusing.
  - Shutter Mode** (half pressed shutter release controls the modelling lamps).
  - DOF Mode (The camera “DOF” button controls the modelling lamp).
- AF Light integrated.****
- Remote Control with automatic feedback from Elinchrom flash units.
  - EL-flash units can be controlled “All” together, in “Groups” or “single” units.
  - Flash power up & down.
  - Modelling lamp on/off.
    (For all latest Elinchrom flash units with 20 frequency channels.)
- Sleep mode and Auto OFF mode programmable.
- Manufacturing RESET.

* For Nikon® activate in the camera menu the fast sync speed settings.

** Not supported by Nikon®

*** Not supported by Sony®, Olympus®, Panasonic®

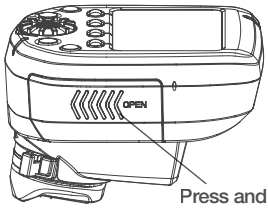
**** Not supported by some Sony®,Olympus® and Panasonic® cameras

INSTALLING THE BATTERIES

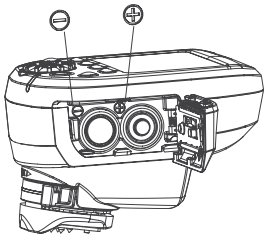
Press the battery compartment cover and slide it in the direction of the arrow to open the battery cover (See Picture 1).

Insert the batteries. Make sure the “+” and “-” battery contacts are correctly oriented (See Picture 2). (Note: Please use 2 pieces of AA alkaline batteries or AA type NIMH batteries).

Press cover against Transmitter and slide it back into the locked position.



Picture 1



Picture 2

BATTERIES

- 2x AA batteries are used for the Transmitter.
- Installing the batteries improperly will not damage the Transmitter.
- Non-rechargeable (dry cell) AA batteries like zinc–carbon, Alkaline types or rechargeable batteries in the AA size such as nickel-cadmium (NiCd) or nickel-metal hydride (NiMH) can be used.
- Do not mix battery types.
- Do not use Lithium AA batteries in this Transmitter.

COMPATIBILITY

There are three different Elinchrom EL-Skyport flash unit generations in the market:

1ST GENERATION

- EL-Skyport Transceiver RX module (Style RX, Digital RX, Ranger RX).

2ND GENERATION

- Built-in EL-Skyport module Mk1 (BRX, D-Lite RX, Quadra, Quadra Hybrid).

3RD GENERATION

- Built-in Skyport module Mk2 (ELC and ELB).
  This generation offers extended distance range

TRIGGERING

Triggering works with all existing Elinchrom flash units with built-in or plug-in EL-Skyport Transceivers.

REMOTE CONTROL

WHEN ALL OR GROUP 1 - 4 IS SELECTED

- All Elinchrom flash units with EL-Skyport are supported when changing “PWR±, or MOD on/off”.
- Some units do not support the modelling lamp on/off feature, “--“ is then displayed (i.e. for Ranger, Quadra. The modelling light of the ELB400 can be switched on/off but the display shows “--“).

WHEN A SINGLE UNIT IS SELECTED

- The selected unit is highlighted with a frame in the display and can be controlled individually.
- Only Elinchrom flash units with built-in EL-Skyport receivers of the 2nd and 3rd generation are supported.

Note:

1st Generation units are detected, but will show “--“ in the display. There is no feedback of the unit settings for the Elinchrom Transmitter Pro, but they will be triggered normally.

FREQUENCY CHANNELS

Some older Elinchrom flash units with EL-Skyport built-in will support Frequency channels 1 to 4 or 1 to 8 (such as BRX, D-Lite RX, Quadra).

The latest Elinchrom flash units with EL-Skyport built-in will support up to 20 different Frequency channels 1 to 20 (ELC, ELB).

TECHNICAL DATA

PARAMETER	SPECIFICATION
VERSIONS	Canon®,Nikon® (Sony®, Olympus®, Panasonic ® plus other brands will follow later.)
TRIGGERING COMPATIBILITY	ALL Elinchrom flash units with built-in EL-Skyport Receiver or Transceiver and the EL-Skyport RX Transceiver modules, plus EL-Skyport Universal.
REMOTE CONTROL COMPATIBILITY	ALL Elinchrom flash units with built-in EL-Skyport Transceiver: ELC Pro HD, ELB 400, 1200, 500 TTL, Ranger Quadra RX, Quadra Hybrid, D-Lite RX series, BRX Series, Master RX Series and FRX series (NOTE: EL-units used with the plug-in Transceiver RX module have limited remote features).
DISTANCE RANGE	Indoor > 60m. Outdoor > 200m. Note: Only the latest Elinchrom flash units from the ELC and ELB series will offer the full distance range. Other series, or classic Elinchrom flash units will have a limited distance range.
BATTERIES	2x AA batteries (standard or rechargeable).
BATTERY LIFETIME	Depends on the type of batteries and the usage. For two standard batteries with 1000mAh each it is approx. 35 hours working time and more than 15000 trigger releases.
REMOTE CONTROL	Max. 10 units can be detected displayed and remote controlled.
FREQUENCY CHANNELS	20 channels in Normal mode and 20 channels in Speed mode.
EL-SKYPORT MODES (ELSP)	Normal / Speed - Sync mode.
TRIGGER/CONTROL GROUPS	“All” or in “Groups” (Group 1 to 4).
SYNC MODES	Standard, ODS, Second Curtain, automatic Hi-Sync or HSS
USB SOCKET	For firmware updating.
SR SOCKET	Trigger Output 2.5mm Phone Jack mono (max. sync-voltage 3VDC).
DIMENSIONS (W x L x H)	69 x 84 x 59 mm (2.7x 3.3x 2.3 inches)
WEIGHT	Approx. 170g (6 oz) ,including 2x AA-batteries. 120g (4.2 oz) without batteries.

HOT-SHOE ADAPTER

FEATURES

The hot-shoe adapter offers special connection pins for the communication with the attached camera.
There are different Elinchrom Transmitter variants available

- Canon® for Canon® EOS type A cameras with ETTL II / ETTL features
- Nikon® for Nikon® cameras with iTTL features
- Sony®, Olympus®, Panasonic®, Fujifilm® and Pentax®.

The communication with the camera is required to benefit from the extra features like:

- SYNC Mode
  - o Hi-Sync, HSS and ODS Mode
  - o Second Curtain
  - o TTL
- Auto MOD
- AF Light

Note: Not all cameras support all features!

LIST OF TESTED CAMERAS

The latest summary of camera models and supported features can be found on the Elinchrom website at:
http://www.elinchrom.com/support.php

MOUNTING ON THE CAMERA

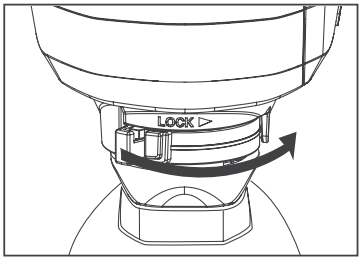
An easy locking bayonet mechanism is used to lock the Transmitter securely into the Camera's hotshoe.

ATTACHING

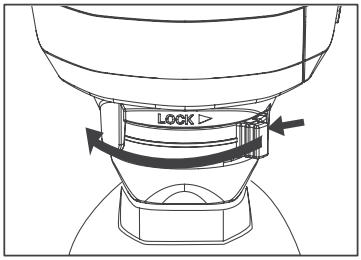
1. Turn off the camera and the Elinchrom transmitter.
2. Align the transmitter hotshoe with the camera's hotshoe mount.
3. Slide it all the way into the camera's hotshoe mount.
4. Move the tab on the locking ring to the right until it clicks in place. (See picture 3)

DETACHING

1. Unlock: press the lock-release button and move the tab all the way to the left. (see picture 4)
2. Slide the EL-Skyport transmitter off the camera's hotshoe mount.



Picture 3



Picture 4

DISPLAY

The graphic display shows the status and settings of the Elinchrom unit, when set to Manual mode.

The display illumination can be switched on or off.

In Normal Sync mode, the illumination is green. In Speed Sync mode, the illumination is red.

The contrast of the display can be adjusted in the setup menu.

The top bar of the display shows the status of the Elinchrom Transmitter.

The bottom bar in the display shows the functions of the 4 speed buttons.

The middle area shows a list of the Elinchrom flash units detected, It also shows setup items for the Setup menu when selected.

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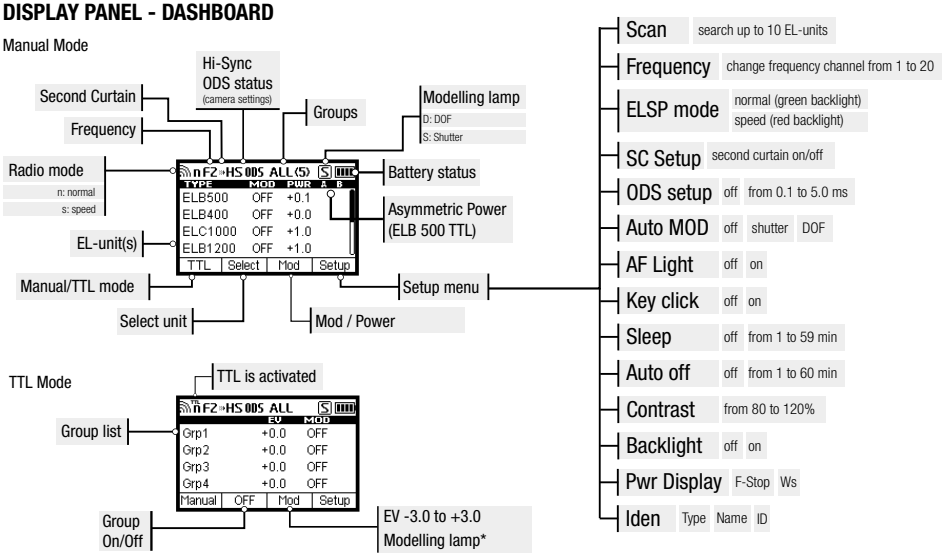
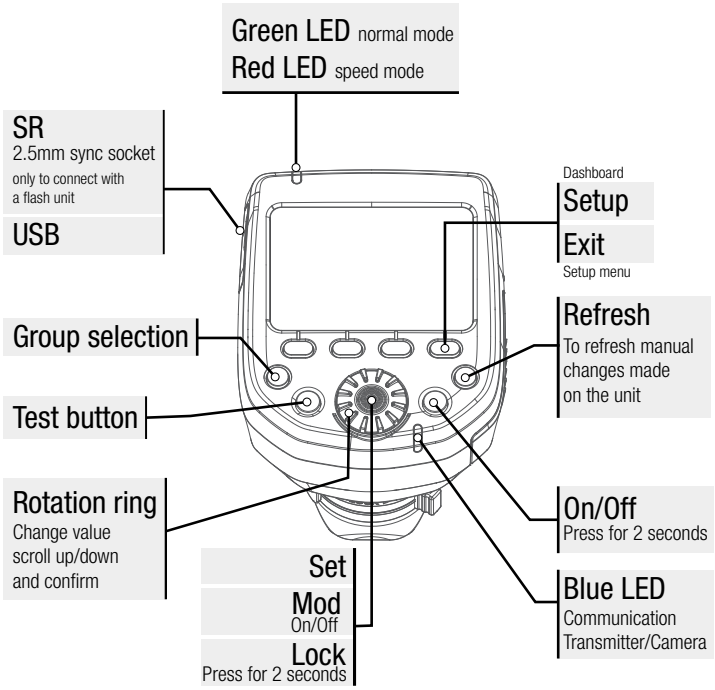
DISPLAY PANEL - DASHBOARD



*Note: Do not deactivate in TTL mode all Groups!! Otherwise the TTL parameters cannot be transferred to Manual. HS and exposure values are working incorrect. If this is the case go back to TTL and activate all Groups what also activates the EV settings.

Not all features are supported by ®Nikon, ®Canon, ®Olympus, ®Panasonic, ®Fujifilm.

BUTTONS



SPEED BUTTONS 1-4

The speed buttons enable quick setting of the functions indicated below.

SPEED BUTTON 1 (LEFT)

TTL / Manual Mode: toggle between TTL and Manual mode. The activated TTL mode is also indicated in the display in the left corner of the upper bar.

SPEED BUTTON 2 (MIDDLE LEFT)

TTL Mode: switch Groups All or 1 to 4 on/off, when selected with the Group button; change EV value with the rotation ring from -3.0 to +3.0. **Manual Mode:** select a displayed flash unit and change flash power value with the rotation ring.

SPEED BUTTON 3 (MIDDLE RIGHT)

TTL Mode: Toggle between EV and modelling lamp settings, Change values of the selected function with the rotation ring.

Manual Mode: Toggle between flash power and modelling lamp settings, Change values of the selected function with the rotation ring.

SPEED BUTTON 4 (RIGHT)

Setup: press this button to enter into the setup menu. Select with the dial the feature, press the middle button of the rotation ring to confirm and change value again with the dial and pres middle button again to confirm.

Exit Exit the Setup menu and switch back to standard display mode.

ELINCHROM TTL

Get the perfect shot right from the start.

WHAT IS REQUIRED:

- The Elinchrom Transmitter Pro (Includes the TTL mode. Nikon and Canon are available, more brands will follow).
- Elinchrom TTL flash unit (ELB 500 TTL)
- A compatible camera (The compatible cameras are listed at: http://www.elinchrom.com/support/

ELINCHROM TRANSMITTER PRO TTL FEATURES

- Groups: All or 1 to 4 can be selected individually by pressing the Group button.
- Groups on/off: All or Group 1 to 4 can be selected individually by pressing the Group button, to switch the selected Group on/off use the speed button middle/left.
- EV value: The EV can be adjusted from -3 to +3 in 1/3 f-stops with the rotation ring. All or individual Groups can be selected with the Group button to adjust the EV value.
- Modelling lamp on/off: The modelling lamp can be switched on/off with the speed button middle/right. All or individual Groups can be selected with the Group button.
- For further options and settings please read the user manual of the Elinchrom TTL flash unit.
- TTL values are saved while switching to “Manual” mode.
  NOTE: Do not deactivate in TTL mode all Groups!! Otherwise the TTL parameters cannot be transferred to Manual. HS and exposure values are working incorrect. If this is the case go back to TTL and activate all Groups what also activates the EV settings.

ON/OFF

Press and hold for min. 2 seconds to switch the Elinchrom Transmitter Pro On/Off.

GROUP BUTTON

TTL / Manual Mode: Press to toggle between 1 through 4 Groups and “ALL.”

TEST BUTTON (WITH EL LOGO)

Pressing the TEST button will fire all flashes when “ALL” is selected or any single Group, 1 through 4 is selected. Please remember , if flashes should be triggered in just one selected Group, the photocell must be deactivated.

REFRESH BUTTON

Press the Refresh button any time power setting has been done on a separate EL flash unit to update the power setting display of the Transmitter Pro.

If a Group is selected, only the information for that selected Group will refresh.

When “ALL” is selected, information for all Groups will be refreshed.

A flash that was not scanned and found when the Transmitter Pro was switched ON cannot be added with the Refresh feature.

If a flash is added, select SETUP and SCAN in the setup menu or switch the Transmitter Pro OFF and ON again.

The refresh can take several seconds, depending on how many flash units are found and operated by the Transmitter Pro.

Note:

To update the display information after flash power changes have been applied directly at the flash unit, please press the REFRESH button. Changes are not automatically updated, to avoid interferences with the flash triggering.

ROTATION RING

Turn the rotation ring to select various functions (up & down) and change power levels of the EL flashes.

SET / CONFIRMATION BUTTON (ROTATION RING)

Press to confirm a modification made in the Setup menu.

Press to switch on the display illumination.

Press to return to normal operation when the Transmitter Pro has switched to Standby mode.

Press 2s to lock all functions and settings. Press again to unlock.

The locking feature blocks the function of the dial and other buttons to prevent unwanted change of settings while carrying the Transmitter Pro. Press to turn on/off the modelling lamp on enabled EL flash units.

SETUP MENU

SCAN

When the Transmitter Pro is switched ON, it will automatically search for Elinchrom flash units with built-in or plug-in EL-Skyport Transceiver modules.

The Scan feature is also available in the Setup Menu. A re-scan is required, when new flash units have been added to the lighting setup.

To find EL flash units,

- all EL flash units must be switched on and the Skyport Receiver must be activated.
- all flashes must have a built-in or plug-in Skyport Transceiver RX module.
- the Transmitter Pro and the EL flash unit must have the same frequency channel settings.

FREQUENCY CHANNELS

Up to 20 Skyport frequency channels can be selected.

Note:

- Only the latest Elinchrom flash units (ELC and ELB) will support up to 20 frequency channels.
- All “RX” flash units will support up to 8 channels and some older Elinchrom flash units support up to 4 channels.

ELSP MODE

The Transmitter Pro has two operating modes that offer different shooting functionality.

- **Normal Sync mode (Maximum distance range)**
  Normal mode is compatible with the very first Elinchrom flash units incorporating Skyport.
  When selected, display illumination and status LED will light up in green.
- **Speed Sync mode (limited distance range)**
  The Speed mode enables faster communication and shutter speeds for compatible cameras (i.e. for leaf shutter cameras and some mirrorless). The Hi-Sync or HSS mode activates automatically when faster shutter speeds within 1/8000s are selected with compatible cameras, in both Normal and Speed mode.The display illumination and status LED are displayed in red when speed mode is selected.

Note:

- The Speed mode reduces the working distance by approximately 50%.
- Transmitter and the EL flash units must have the same Sync mode settings, either Normal or Speed.
- Speed Sync mode should not to be confused with Hi-Sync or HSS. The Hi-Sync or HSS feature is automatical available in both Normal or Speed modes with compatible cameras.

ODS SETUP

The Over-Drive-Sync (ODS) can improve the overall exposure at fast shutter speed settings.

ODS relies on flash units with long flash durations. The results will depend on the flash duration of the lights used (which also changes at different power levels), and can vary with different types of cameras. Full frame cameras with large sensors and slow shutters are unfortunately the hardest to get good results with, but lights with long enough flash durations can still achieve clean frames all the way to 1/8000th.

With ODS fine tuning, up to 2 f-stops more light is possible, essential when sun light must be overpowered.

The ODS Setup offers adjustment from 0.1 to 5.0 ms or can be switched off. The ODS value will vary depending on the camera and the flash unit which is used and must be adjusted manually.

Note:

- When ODS is adjusted, the position of the flash cutoff (dark edge at top or bottom of picture) can be moved within the frame.
- When switched OFF, the flash trigger point will be selected automatically at higher shutter speed settings of the camera.

AUTO MOD***

- **Off**
  The modelling light of the Elinchrom flash unit will not change.
- **Shutter****
  Pressing the camera's shutter button for focusing will switch on the modelling lamp for a few seconds as an aid to focusing in low light. (Not supported by Nikon)
- **DOF**
  The Elinchrom flash unit will switch on the modelling lamp for as long as the DOF (Depth of field) button on the camera is held.

AF LIGHT***

Activates the Auto-Focus assist light of the Transmitter Pro when the shutter release is half pressed for focusing (check also camera settings).

KEY CLICK

When activated, pressing any control button will be indicated by a beep tone.

SLEEP

When not used for a time, the Transmitter Pro will switch to Sleep Mode to save battery power.

Delay Sleep mode from 1 to 60 minutes or turn OFF.

AUTO OFF

The Transmitter Pro will automatically turn OFF when left unattended for a time.

Delay Auto Off start from 1 to 60 minutes or turn OFF.

When Sleep mode and Auto Off are both active, the Transmitter Pro will switch the power OFF at the user set Sleep Mode delay.

CONTRAST

The display contrast can be adjusted from 80 to 120%

BACKLIGHT

The display illumination of the device can be switched on/off

MANUFACTURING RESET

Pressing and holding in the left and right Speed buttons approximately 2 seconds, whilst the Transmitter is switched on, will reset the Transmitter Pro to manufacture settings. All user settings, except the display contrast, will be reset.

FIRMWARE UPDATE

To update the Firmware of the Transmitter Pro, the Elinchrom Updater is required.

Available from the Elinchrom website.

** Not supported by Nikon®.

*** Not supported by Sony® and Olympus® / Panasonic®.

TROUBLESHOOTING

Pressing and holding in the left and right Speed buttons approximately 2 seconds, will reset the Transmitter Pro to manufacture settings. All user settings, except the display contrast, will be reset.

HAVING THIS PROBLEM?	PLEASE CHECK THE FOLLOWING POINTS:
THE UNIT IS NOT SWITCHING ON	• Check battery polarity and replace both discharged batteries.
FLASH UNIT CANNOT BE TRIGGERED WHEN THE MODE "ALL" IS SELECTED	• Transmitter and receiver must have the same frequency channel settings. • ELSP MODE: transmitter and receiver must have the same synchronisation mode settings: normal or speed sync mode. • Check that the Skyport receiver in all EL-units with built-in receivers, is switched on. • Check that the transmitter version corresponds to your camera brand.
SOME UNITS ARE NOT TRIGGERING WHEN THE GROUP MODE IS SELECTED	• Check the Group settings of the EL- flash unit. • Reduce the distance to any unresponsive unit. • Transmitter and receiver must have the same synchronisation mode settings: normal or speed sync mode, and frequency channel settings.
THE TEST BUTTON WORKS, BUT THE CAMERA WILL NOT TRIGGER FLASH UNITS	• Check the hotshoe fitting. • Check the camera settings (turn hotshoe communication on). • Check that the transmitter version corresponds to your Canon or Nikon camera. • Check the list of compatible cameras.
SOME INFORMATION IS NOT DISPLAYED ABOUT DIGITAL RX, RANGER RX OR STYLE RX UNITS	• Units equipped with a plug-in Transceiver RX are limited in remote features. These units can however be triggered and controlled (but with no visual feedback) by the Transmitter Pro. • Update the firmware of the Transmitter Pro.

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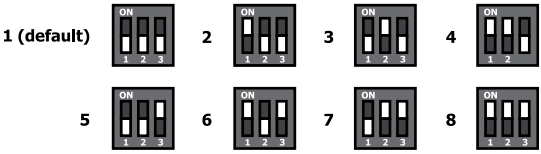
LIMITED DISTANCE RANGE:	• Reposition the units. • Increase the distance from walls and ceilings. • ELSP Mode: In speed sync mode the distance range is reduced by approximately 50 %, switch back to normal sync mode. • Outdoors, the distance range could be reduced due to humidity, interference, obstacles etc.
INTERFERENCE WITH OTHER 2.4 GHZ NETWORKS, UNRELIABLE TRIGGERING:	• Try another frequency channel for both transmitter and the receiver of the EL-unit. • Reduce the distance between the flash unit and Transmitter Pro.
AUTOMATIC HI-SYNC / HSS MODE; **SYNC UP TO 1/8000S:**	• Elinchrom Action (previously A) heads are not optimised for the Hi-Sync / HSS. To benefit from better performance please use flash units with Hi Sync or flash tubes heads. • ODS fine tuning helps to optimise Hi-Sync performance. • If there is visible banding please reduce the shutter speed on your camera, or set ODS and adjust to minimise or avoid banding. • Hi Sync / HSS functionality only works with compaible cameras and the appropriate Transmitter Pro and when the camera is set to shutter speeds above 1/250s.
SCANNING EL-UNITS: **NO EL-UNIT FOUND, OR SOME UNITS ARE MISSING.**	• Switch on all enabled EL-units, than switch on the EL-Skyport Transmitter Pro on or go to setup and rescan. • Frequency, group and ELSP mode settings must match with the Transmitter Pro. • Ensure that all Skyport enabled units are operating on the latest firmware.

FREQUENCY CHANNEL FOR EL-SKYPORT SPEED RECEIVERS

This is not relevant to this product, but it may help with frequency set-up on legacy EL-Skyport units.



DOWNLOAD THE ELINCHROM TRANSMITTER PRO USER GUIDE

Obtain the complete user guide using this link:

DOWNLOAD CONFORMITY

Find your declaration for EC and USA & Canada conformity here: http://bc.gs/ec

FIRMWARE UPDATE BY USB PORT

Please download our lastest firmware and follow the instructions: http://bc.gs/fw