

EL-Skyport

Universal Receiver Speed

19347



Instructions for use

Betriebsanleitung

Mode d'emploi

Instrucciones para el uso

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Safety Note

- The integrated battery cannot be replaced or the housing opened. Danger of explosion when battery is misused or manipulated.
- Avoid high temperatures in general, e.g. forced by direct sunlight or leaving unprotected in the car, etc..
- The Universal Receiver Speed is not protected against rain, water and humidity in general.
- Use only the original ELINCHROM EL-Skyport charger.

EL-Skyport

Universal Speed 19347

Operating instructions :

Universal Receiver SPEED for flash triggering

Features

The EL-Skyport **Universal Receiver SPEED** is designed with the latest 2.4 GHz **Digital Wireless Technology**.

What's New

- Camera triggering using the synch socket (requires special camera sync cables)
- Selectable synchronisation modes, NORMAL and SPEED
- Up to 1/150s shutter speed for SLR cameras in NORMAL mode
- Up to 1/250s shutter speed for SLR cameras in SPEED mode
- New "Status LED" indicates the Battery-status, Sync-modes, Battery-recharge and Operating-modes

Standard Features

- Triggers all flash brands using the SYNC socket, if the flash unit conforms to sync circuits norms.
- 4 selectable trigger Groups.
- 8 Frequency Channels.
- 40 Bit security encryption.
- Up to 50 m range indoors (in SPEED mode up to 30 m).

- Up to 120 m range outdoors (in SPEED mode up to 70 m).
- Internal rechargeable Battery lasts up to 30 hours.
- Integrated Quick-Charge circuit.
- 3.5mm SYNC-socket for all common flash units.
- Auto-Standby function after 4 hours.

You will appreciate the convenience of this professional, and powerful wireless device.

Note:

Shutter speed and distance range is influenced by reflections (from ceilings, walls, floor, furniture and other equipment) and interference from other 2.4 GHz electronic equipment. For best performance the Transmitter and Receiver antenna should have direct sight, without any walls or objects in-between.

Battery Charging

- The internal Li-Ion battery is rechargeable. Use only the EL-Skyport Charger.
- Switch the unit OFF for fastest charging time.
- Connect the EL-Skyport charger first to the Universal charge socket and then connect to the mains supply.
- When the Status LED is ON, charging is in progress
- When the Status LED is OFF, the battery is fully recharged

CAUTION:

- Use only the original EL-Skyport Charger (19355 EU) to charge the battery
- Do not open the housing, the battery is not replaceable.
- Switch OFF, when the Universal Receiver is not in use to save battery power.
- The Stand-By mode does not completely switch off the unit.

Status LED

LED is OFF, the Universal Receiver SPEED is switched OFF or in Stand-By or

- the charger is plugged-in and the battery is fully recharged or
- the charger is disconnected and the battery is discharged.

LED is ON continuously: the charger is connected and the Universal Receiver is switched OFF.

LED flashes: the Universal Receiver is in operating mode (switched ON)

- LED flashes once every 4 seconds: the unit is ON, the synchronisation mode NORMAL is activated.
- LED flashes twice every 4 seconds: the unit is ON, the synchronisation mode SPEED is activated.

LED is ON and switches off intermediately, the unit is switched ON and the charger is connected and charges

- LED switches off shortly, once every 4 seconds: the unit charges, the synchronisation mode NORMAL is activated.
- LED switches off shortly, twice every 4 seconds: the unit charges, the synchronisation mode SPEED is activated.

If the Universal Speed will be triggered with the EL-Skyport Transmitter, the LED flashes once in NORMAL mode and twice in SPEED synchronisation mode.

Battery Charge Status

- The LED brightness indicates the battery charge status.
- Recharge the battery when the LED brightness is very low.

Operating Instructions



Fig. 1

- Connect the Universal Speed and the flash unit with the SYNC cable. The most common sync cables are included in the Universal Set.
- Check the correct **Group, Channel and Sync Mode** settings for the **Transmitter** and **Universal Receiver SPEED**.
- Switch the EL-Skyport **Universal Receiver SPEED** and the **Transmitter SPEED "ON"**.
- Check if the Transmitter SPEED and the Universal SPEED are both set to the same synchronisation mode, SPEED or NORMAL.
- Now, switch the flash unit ON and press the **"TEST"** push button of the EL-Skyport Transmitter Speed to release a test flash.

Switching between NORMAL and SPEED synchronisation modes

Press the ON/OFF button 5 s until the Status LED flashes shortly to confirm the new selected Sync Mode. The Status LED shows the selected mode:

- LED flashes once every 4 seconds: the unit is "ON" and the synchronisation mode NORMAL is activated.
- LED flashes twice every 4 seconds: the unit is "ON" and the synchronisation mode SPEED is activated.

Operating Modes

NORMAL SYNC MODE

- The NORMAL SYNC MODE of the Universal Receiver Speed module is compatible with previous EL-Skyport versions.
- The LED flashes once every 4 seconds.

SPEED SYNC MODE

- The SPEED SYNC MODE allows faster synchronisation speeds (up to 1/250 s with SLR cameras).
- The SPEED SYNC MODE is actually available for the **Universal Receiver SPEED, and the integrated EL-Skyport Receiver in following Elinchrom products; Ranger Quadra AS, BXRI 250 / 500, D-Lite it 200 / 400.**
- To use the SPEED SYNC MODE, the Transmitter SPEED, the Transmitter ECO and the Receiver Universal SPEED, or the integrated Receivers must have the same SPEED settings.
- The LED flashes twice every 4 seconds, when the SPEED SYNC MODE is active.
- The SPEED SYNC MODE is incompatible with previous EL-Skyport modules! Only SPEED, ECO or integrated EL-Skyport Receiver Modules are compatible.

Wireless Camera Triggering and Flash Unit Setup

(In case, the camera and the flash system are triggered wireless)

- The new EL-Skyport Universal Speed can be used to release the camera shutter of SLR cameras.
- To use this feature, optional, special camera trigger cables are required. Please find more detailed and actual information at <http://elinchrom.com> and search for EL-Skyport SPEED. Information for camera trigger cables might be also available at Photo Dealers and Camera Manufacturers.
- Connect the camera and the EL-Skyport Universal SPEED Sync socket with the special optional trigger cable.
- Please read as well the Camera Manuals how to setup the camera for this remote option.
- Select for example **Group 1** and the **Frequency Channel 1** for the Universal SPEED and the Transmitter SPEED if the camera should work in a specific Group or Channel.
- Use a "second" EL-Skyport Transmitter SPEED and select another Group and Frequency Channel setting to use with the flash system. The "second" Transmitter can be used with the Camera Hot-Shoe to trigger the flash system. All "Receivers" for the flashes must have the same settings as the "second" Transmitter SPEED
- Now push the test button of the Transmitters SPEED, (which was configured to trigger the camera), to release the shutter and simultaneously the "second" Transmitter Speed (attached to the Hot-Shoe) triggers the flashes.

Battery Mode:

- The status LED flashes once every 4 seconds in NORMAL SYNC MODE. If the Universal Speed is not used for approximately 4 hours, the unit switches automatically to the **Stand-By Mode**.
- To awake from the Stand-By Mode, switch the Universal Receiver "ON" again.

Supply Mode:

- Connect the EL-Charger, for unlimited operation.
- If the EL-Skyport Receiver SPEED is used whilst charging (in Supply-Mode), the unit will not change to Stand-By mode.

Reset to Manufactures Settings

In case the Universal Receiver SPEED does not work correctly, a RESET might solve the problem.

Close to the ON/OFF switch is a small hole. Press shortly, with a paper clip or similar, into this hole to active the RESET switch.

Frequency Channel



Note:

The new settings are automatically stored with the new Speed modules. Previous EL-Skyport Modules (Non SPEED Versions), switch OFF and ON again to activate the new settings.

Transmitter and the corresponding RX Transceivers or Universal Receivers must have the same frequency channel settings!

Frequency Channel	Slide Button configuration			Trigger Frequency / Mhz	Remote Frequency / Mhz
	1	2	3		
1 (default)	Off	Off	Off	2456	2448
2	On	Off	Off	2458	2450
3	Off	On	Off	2460	2452
4	On	On	Off	2462	2454
5	Off	Off	On	2469	2461
6	On	Off	On	2471	2463
7	Off	On	On	2473	2465
8	On	On	On	2475	2467

Note: After changing the frequency, switch Receiver **OFF and ON** again to activate the new settings.

Trigger Group Settings

The EL-Skyport **Transmitter** triggers the **Universal Receiver** in following modes:

Group 1 - 4: triggers and operates flash units in different "**Groups**" only flash units with the selected **Group** are triggered by the Transmitter (**Group** setting must correspond between **Transmitter** and **Receiver**)

ALL: Transmitter is set to **ALL:** The **Transmitter** triggers all **EL-Skyport Receivers** independent in which **GROUP** they are.

Integrated SYNC Socket

The integrated 3.5 mm Mono Jack socket is for direct connection to other flash brands with max. 50 V SYNC voltage and a max. peak current of 0.5 Amps.

EL-Skyport Software 3.0 / Remote and control flash units with the Computer

Elinchrom "RX" flash units can be operated / controlled, with MAC or WIN computer operating systems.

To access the EXTRA features and modify settings following the components are required:

- EL-Skyport PC/MAC Software 3.0, the
- USB RX Transceiver and the
- EL-Skyport Transceiver RX
- to remote and trigger Style RX 300 / 600 / 1200, Ranger RX and Digital RX 1200 / 2400 flash systems.

EL-Skyport PC/MAC Software 3.0 offers:

- Automatic PnP (Plug and Play) detection. The software automatically adds connected RX units to the unit list.
- Flash Stand-By Mode: Activates and deactivates the flash trigger via EL-Skyport Software 3.0
- Adjustable independent Flash Delay triggering for flash sequencing, between 5 milliseconds and 16 seconds
- The EL-Skyport software offers many additional features. For further detailed and actual information please visit <http://.elinchrom.com> and search under PRODUCTS for EL-Skyport.
- The EL-Skyport Software is free available at <http://.elinchrom.com> under SUPPORT / DOWNLOADS

EL-Skyport Modules

EL-Skyport Transmitter SPEED

• The Transmitter SPEED triggers all EL-Skyport Receivers including the integrated Receivers in BXRI 250 / 500, D-Lite it 200 / 400 and Ranger Quadra flash units. The Transmitter Speed can be triggered manually, with the Camera Hot-shoe connector or with the Sync cable! Additionally the flash power can be controlled in 1/10th steps and the modelling lamp can be switched on/off (except D-Lite it)

EL-Skyport Transmitter ECO

- The Transmitter ECO triggers all EL-Skyport Receivers including the integrated Receivers in BXRI 250 / 500, D-Lite it 200 / 400 and Ranger Quadra flash units. The Transmitter ECO can be triggered manually or with the Camera Hot-shoe.

EL-Skyport Transceiver RX

- The Transceiver is only for Elinchrom RX flash units (Style RX 300 / 600 /1200, Digital RX 1200 / 2400, Ranger RX System) This module operates all RX features with the EL-Skyport Software 3.0 and triggers the flash.
- The SPEED SYNC Function is not available for this module. To enable the SPEED SYNC Function, connect the Receiver Universal Speed.

EL-Skyport USB RX SPEED

- To operate RX flash units with the computer, the USB RX Transceiver, Transceiver RX and the EL-Skyportsoftware 3.0 is required.



**Transmitter Speed
19350**



**Transmitter ECO
19349**



**Transceiver RX
19353**



**USB RX Speed
19348**

Troubleshooting

Should an error occur, first check the following points:

Having this problem?	Check the following points:
The Transmitter does not trigger the Universal Receiver. Mode "All" is selected	<ul style="list-style-type: none">➤ Is the Transmitter is switched ON?➤ Is the battery polarity correct?➤ Is the Receiver module connected correctly to the flash unit?➤ Does the frequency channel correspond with the Transmitter?➤ Are the modules set to NORMAL OR SPEED SYNC Modes?➤ Reset the Universal Speed. See paragraph RESET.
Some flash units can't be triggered with the Transmitter. The Mode "Grp" is selected.	<ul style="list-style-type: none">➤ Is the GROUP selector switch set to the same Group.➤ Reduce the distance to any "not working" unit.
TEST flash works, but the camera does not trigger the flash unit.	<ul style="list-style-type: none">➤ Control the Hot-Shoe fitting.➤ Choose SYNC cable instead of hot-shoe connection
Distance range is too small	<ul style="list-style-type: none">➤ Reposition the unit➤ Increase the distance to walls and ceilings➤ Position the antenna of Transmitter and Receiver➤ Use an RX extension cable to reduce the distance between modules➤ Change the Frequency Channel; maybe there are interferences with other wireless devices.



CE Statements

This device has been tested and found to comply with the requirements set up in the council directive on the approximation of the law of member states relating to EMC Directive 2004/108/EG and 2006/95/EG. Low Voltage Directive R&TTE 99/5/EG

FCC Compliance and Advisory Statement

This device complies with Part 15 of the FCC rules. Operation is subject of the following two conditions: 1. this device may not cause harmful interference, and 2. this device must accept any interference received, including interferences that may cause undesired operation.

The equipment has been certified to comply with the limits for a Class B computing 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 or 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 switching the equipment off and on. The user can try to correct the interference by the following measures:

1. Reorient or relocate the receiving antenna
2. Increase the separation between the equipment and receiver
3. Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experience radio/TV technician for help Changes or modification not expressly approved by the party responsible for compliance could avoid the user's authority to operate the equipment.

Disposal and recycling



This device has been manufactured to the highest possible degree from materials which can be recycled or disposed of in a manner that is not environmentally damaging. The device may be taken back after use to be recycled, provided that it is returned in a condition that is the result of normal use. Any components not reclaimed will be disposed of in an environmentally acceptable manner.

If you have any question on disposal, please contact your local office or your local ELINCHROM agent (check our website for a list of all ELINCRHOM agents world wide).