



User manual

Set Synchro lamps 200mm - Rechargeable type

FH200xS4RC



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1 Product description

This guide aims to correctly use the set of 4 rechargeable wireless synchronized lamps based on instructions and images.

1.1 Product Content

- 1x Transport container for 4 synchro lamps (*reference: 10698*)
Black powder coating
Dimensions: 685mm x 195mm x 100mm (LxWxH)
Weight 1kg
- 4x Single-sided rechargeable wireless synchronized lamps (*reference FH200xSRC*)
Lens diameter 200mm
Dimensions: 685mm x 185mm x 381mm (LxWxH)
Weight 4.5kg
x determines the color of the LED
 - A Amber
 - B Blue
 - R Red
- Total weight 19kg

1.2 Specific characteristics

- Supply voltage: 12VDC 1,255A
- 2x Lead AGM batteries 3,3Ah Max
- Housing in UV-stabilized HDPE
- Lens is transparent plexiglass plate with sealing ring (waterproof)
- Fully corrosion resistant
- Shockproof EN12352 (Shock tests B and C)
- Lamps in accordance with EN12352 type L5
- ECE R65 compliant

1.3 Technical Specifications

Renewed flash system for controlling light intensity contrasts.

In this method, the light emission remains active, so that the oncoming driver continues to detect the output of the synchronization lamp.

With a frequency of 1.25Hz, the light intensity is smoothly amplified/attenuated.

Advantage: at any distance, the effect of the synchronization lamp is very strong.

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2 Synchronization

- Place the 4 synchronisation lamps in the transport container.



- Power the 4 sync lights by turning on the rear switch.

Switch on back
synchronization lamp



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- Synchronization is done automatically using the built-in light sensor (rear).



Built-in Light Sensor

- This synchronization is complete in a short period of time (<5s)



Synchronization patterns

- Red: Simultaneous pattern
- Amber: Running light simulation
- Blue: Running light simulation

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3 Charging process

- Make sure that all Synchro lamps are placed in the transport box
- Connect all synchro lamps with the corresponding sheets as shown in the image below



- Connect the charging system to the supplied power sources:
 - DIN/ISO4165 (Cigar plug in the vehicle)
 - Standard socket 230VAC

	LED color green		
	Fast flashing (>2x/sec)	Too high battery voltage	
	Slow flashing (<1x/sec)	Battery charges	
	Continuous	(Almost) fully charged	
	LED color red		
	1x flashing	Battery voltage is low	Lamp still working
	2x flashing	Battery voltage is too low	Lamp preventively switched off
	4x flashing	Battery is defective	
	5x flashing	Charging voltage is too high	

4 Handling synchro lamps

- If necessary, use the synchronization procedure as described
- Disconnect the provided charging cables from the synchro lamps before removing them from the transport container
- After intervention, switch off the synchro lamps
- After use, place synchro lamps back in the transport container
- Place the charging cables back in the provided sheets of the synchro lamps