

COMPACT

ONE Quick manual



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Software Release Package 2013_01

the new single axis compact ONE

Emotion
www.cmotion.eu

Before Use

Dear Customer, we would like to take this opportunity to thank you for purchasing the compact ONE Lens & Camera Control System. Please read these Operating Instructions carefully and keep them handy for future reference.

Information for Your Safety

- Danger of operational error!
- Danger of injury!
- Damage to equipment possible!

General Safety Precautions

- In order to ensure optimal performance, please read the instructions!
- Do not put your fingers near the motors while motors are moving!
- Make sure all components (*camion*, lens motors, etc.) are securely mounted!
- Remove batteries from components before transport or storage!
- Repairs should only be made only by authorized service centers!
- Use only original cmotion replacement parts!
- In the case of wet weather, routine safety precautions for handling electrical equipment in wet weather should be taken!
- Do not remove any screws that are secured with paint!
- Do not remove any warranty seals!

Important

- If you have any questions, or you need to order parts, please note the component's model and serial number.
- For support requests, please also advise our team of the installed firmware on all of your system components.
- **WARNING:** cmotion can only guarantee operation if original cmotion products are used.



compact ONE overview

compact ONE is a straightforward one axis lens control system. The plug-and-play concept provides a very simple set-up so the system is ready to go in as little as 2-3 minutes. The single page display provides an overview of the motor position, settings and menu options. The lens motor will calibrate automatically as soon the motor is connected and powered through the camin.

This quick guide will provide an overview of the compact ONE's display, buttons, connectors and cables.

If at any time you want to upgrade your compact ONE system, the full range of cmotion accessories can be found on www.cmotion.eu. Alternatively, please contact your local reseller or sales@cmotion.eu

Set includes:

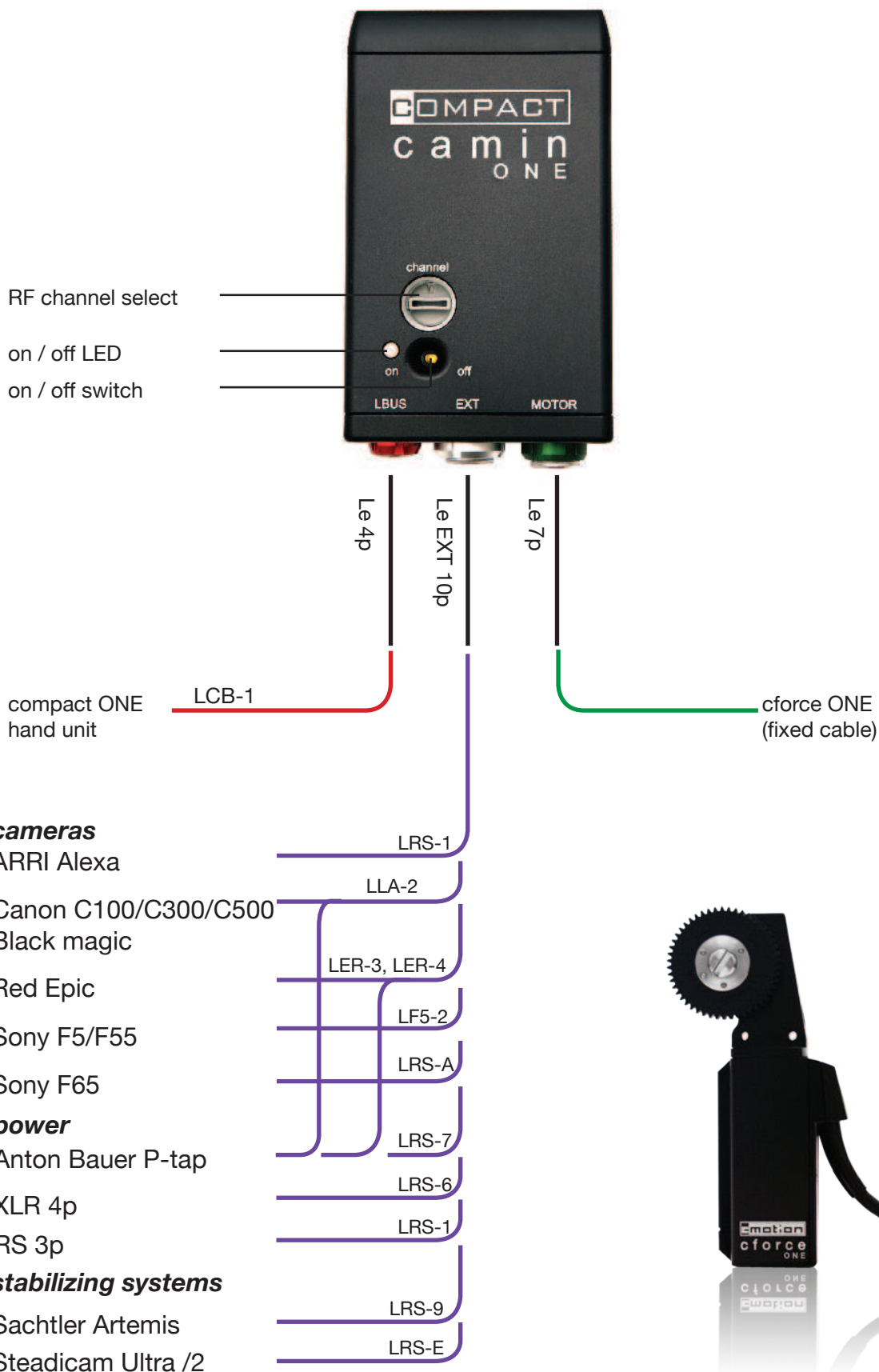
- compact ONE camin
- compact ONE hand unit
- cforce ONE (incl. 19/15mm reduction)
- rod connector (incl. 19/15mm reduction)
- 3 batteries
- battery charger
- 5 marker rings
- power cable (D-Tap)
- travel case



compact ONE hand unit



compact ONE camin



system set up

Mounting the motor

Mount the motor securely on the lens rod and engage the gear with the lens. Use the supplied insert for 15mm rods and smaller pitch gears for video lenses. It is advised not to have the lens resting against one of the end stops before powering the system.

Mounting the camin

The compact ONE camin can be mounted on any 19/15mm rod using the supplied rod connector. Alternatively, the 1/4" thread can be used with numerous industry standard mounting tools.

Connecting the motor to the camin

Simply connect the cforce ONE motor to the MOTOR port on the compact ONE camin.

Power supply

Connect the supplied LRS-7 (D-Tap / P-Tap) power cable to the camin's 10p EXT connector.

*For alternative power and camera control cables, please check page 5 of this quick guide.

Turning on the system

Use the camin power switch to turn on the system. The motor will calibrate automatically between the 2 mechanical end stops.

Turn on the compact ONE hand unit

Ensure a fully charged battery is connected to the hand unit, then use the top left button to power on. The hand unit will automatically search for the compact ONE camin with the same RF channel. Once paired, the motor will turn to the absolute position of the focus knob.



Settings and functions:

RF channel

compact ONE has 8 selectable RF channels (0-7). This can be changed on the camin using the rotary switch and RF Channel UP and DOWN buttons on the hand unit.

Record

Press the record button to start the connected camera recording. Press again to stop. *Please note that the calibration option is deactivated one the record button has been pressed. A full list of compatible cameras and optional cables are available on page 5.

Calibrate

Although the motor will calibrate automatically when the system is powered, you can calibrate the motor at any time by pressing this button.

Lens limits

Limiting the rotation of the lens in relation to a full rotation of the focus knob. Turn the lens to your maximum position and press the HIGH button. Then, turn the lens to your minimum position and press the LOW button. Press both buttons again to remove the lens limit, or adjust the limit by pressing either button, moving the motor and pressing the same limit button again.

Torque adjustment

Always start your system with the motor torque set to W for weak. However, if you lens has a high resistance, simply press the torque select button to increase the torque setting to S for strong.

Direction

Press the motor direction button to match the travel of the motor to the direction of the focus knob.



contact:

support@cmotion.eu - for all your technical support enquiries
sales@cmotion.eu- for all your sales needs and general enquiries

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Technical specifications are
subject to change without notice!

