



User manual
Infrared remote control set

IRR-DSK-SET-LIGHT

Rev 3



MOTION FOR YOUR LIFE



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LOGICDATA cannot accept responsibility for incorrect operation or use of the products other than for the intended purpose.

Under the warranty terms, **LOGICDATA** shall replace or repair any products that prove defective at the time of delivery. **LOGICDATA** shall not assume any further liability.

If you have any questions or special requests, please contact **LOGICDATA** direct.

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1. Preface

Dear customer,

Thank you for choosing a IRR-DSK-SET-LIGHT by **LOGICDATA Electronic & Software Entwicklungs GmbH**. You have purchased a state-of-the-art product.

2. General

2.1 Intended Use

The IRR-DSK-SET-LIGHT must be used with **LOGICDATA** control boxes. The control box must be installed, initially operated and functional tested by competent personnel only. Use other than described above is only allowed with permission of **LOGICDATA**.



Information: For all information concerning **LOGICDATA** control boxes please refer to the corresponding manual.

2.2 Definition



Information: For definitions and information concerning **LOGICDATA** Control boxes please refer to the applicable manual.

Aside of moving your table up and down your **LOGICDATA** control box is able to carry out other functions, like controlling the brightness of a lamp or a monitor – height adjustment. This function is called second motor group.

2.3 Functionality

The IRR-DSK-SET-LIGHT offers following functionality:

- Cable-free operation
- Control of 2 motor groups
- 2 infrared channels
- 2 memory positions



2.4 Package Contents

The IRR-DSK-SET-LIGHT package contains:



Figure 1: Package contents

- ① IR remote control
- ② IR receiver
- ③ Adhesive disk for mounting the IR receiver
- ④ 2xAAA batteries



Danger: Use only genuine replacement parts! Repairs must be carried out only by a qualified service technician! If you neglect to do so you void your warranty!



2.5 Overview

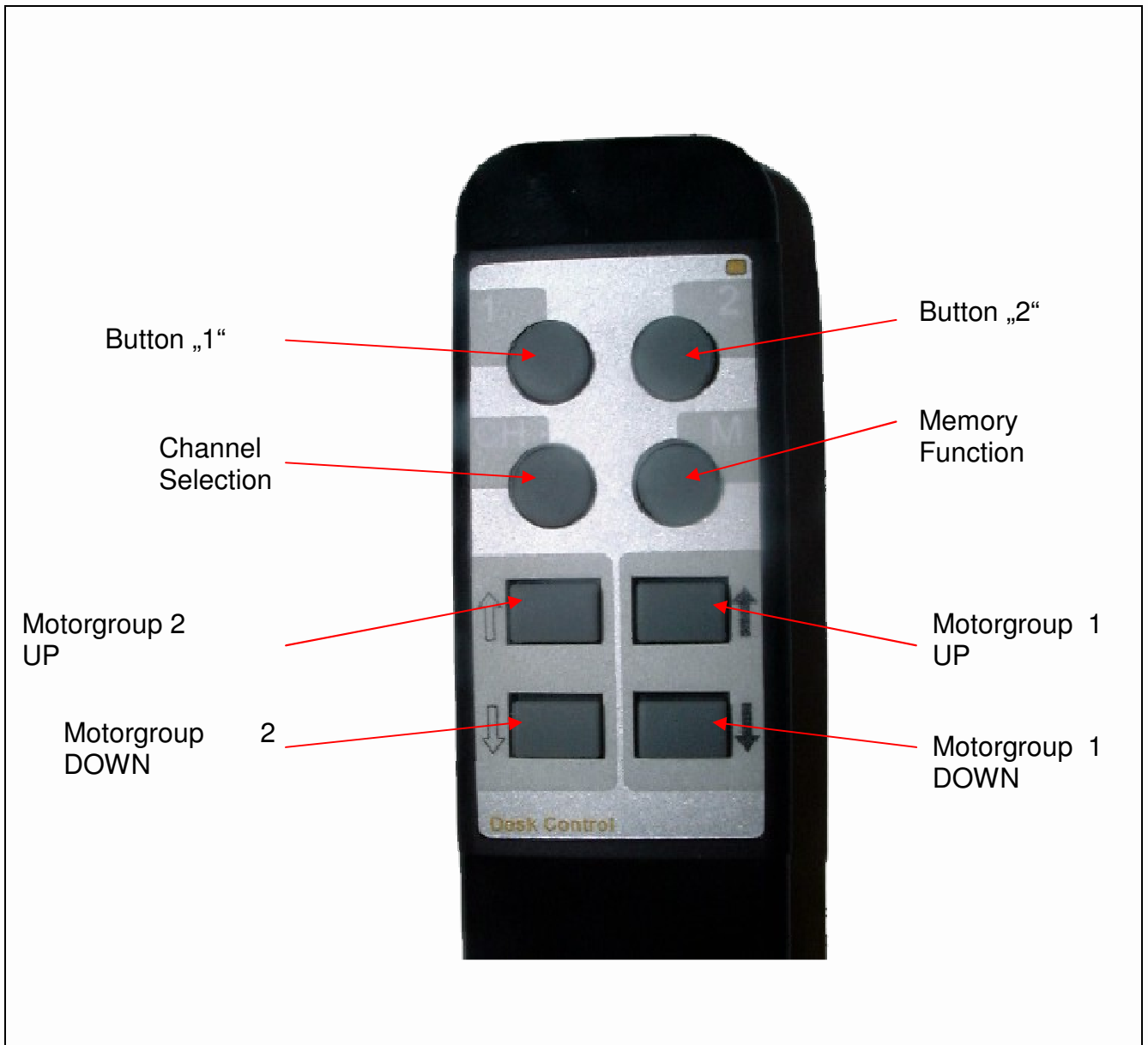


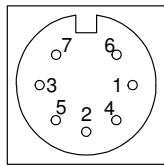
Figure 2: Buttons on the IR remote control



2.6 Handswitch Plug

Pin assignment

Handswitch connector



1	HS1	5	HS4
2	HS3	6	+5V
3	RxD	7	TxD
4	HS2	Shell	GND
n.c.	not connected		

(pin alignment according to DIN 45329)



Caution: The IRR-DSK-SET-LIGHT is only suitable for **LOGICDATA** motor controls. To prevent damage of the unit, take care not to interchange handswitch and motor sockets.

Colour code: Handswitch: blue
Motor: black

3. Mounting Instructions

Mount the IR-receiver underside your desktop in an appropriate position. Use the adhesive disk.

1. Unpack the IR-receiver and the IR remote control.




Note: Dispose of the packaging material ecologically sound (separate plastic foil and cardboard)!

2. Put the batteries into the IR remote control.



Caution: Be aware of the correct polarity of the batteries!

3. Place the IR-receiver on the underside of your desktop on the position of choice. Its front side should not protrude over the table's edge.

4. Connect the IR-receiver to the control box using the jack marked with  only!
Do not connect the handswitch plug to the motor jacks!



Caution: Unplug the power cord of the control unit while mounting the handswitch!

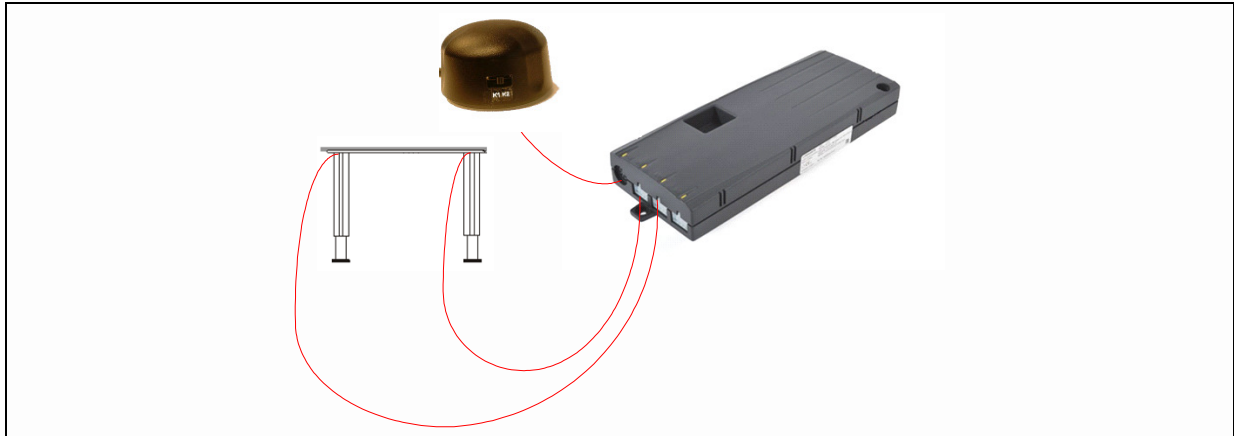


Figure 3: Connect the HSF cable-handswitch to the control box (e.g. COMPACT)

4. Channel selection

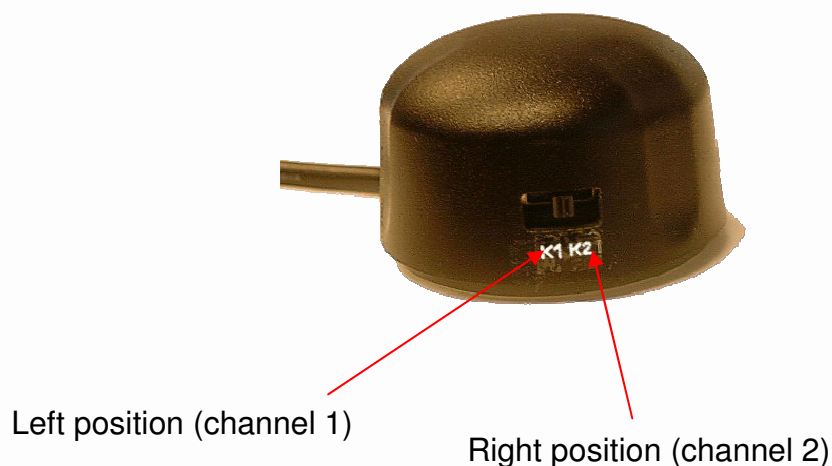
The handset allows operation on two channels, i.e. two control boxes can be operated with one handset independently. Basically, an arbitrary number of receivers can be operated with one handset.

Channel Selection (Handset):

Press button „CH“ for 5 seconds, then press button „1“ or „2“ shortly for the respective channel.

Channel Selection (Receiver):

If the switch on the receiver is in its left position, channel 1 is selected, in the middle or right position channel 2 is selected.

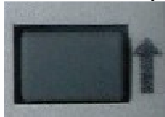


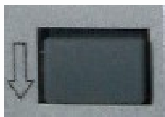




5. Functions of the IRR-DSK-SET-LIGHT

The IRR-DSK-SET-LIGHT is capable of a wide range of functions, which are described below.

5.1 Basic Functions

Function	Description	Note
Desk upwards 	For an upward adjustment of the desk push this button. Push this button until the desired height of the desk has been reached.	The desk will continue driving upwards until you release the button, or the maximum height is reached.
Desk downwards 	For a downward adjustment of the desk push this button. Push this button until the desired height of the desk has been reached.	The desk will continue driving downwards until you release the button, or the minimum height is reached.
Motor group 2 / Desk upwards 	For an upward adjustment of the motor group 2 (e.g. monitor adjustment) or desk, push this button. Push this button until the desired height of the desk has been reached.	In case of no motor group 2 attached this button is used for the Desk upwards function. Motor group 2 will continue driving upwards until you release the button, or the maximum height is reached.
Motor group 2 / Desk downwards 	For a downward adjustment of the motor group 2 (e.g. monitor adjustment) or desk, push this button. Push this button until the desired height of the desk has been reached.	In case of no motor group 2 attached this button is used for the Desk downwards function. Motor group 2 will continue driving downwards until you release the button, or the minimum height is reached.



Note: In case of no motor group 2 attached the therefore assigned buttons (motor group 2 upwards / motor group 2 downwards) are used for the desk upwards / desk downwards functions.



5.2 Advanced Functions

5.2.1 *Storing a position*


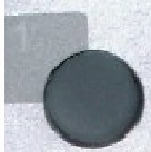
Using this function you are able to store a desk-height.



Note: On initial operation all stored positions are equal to the lowest possible desk-height (lower end position).



Note: Only one desk-height per button is allowed.

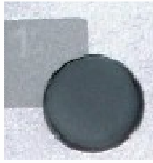
1. Move the desk to the position you want to store.
2.  Press the **memory** button.
3.  Press the position button of choice (e.g. 1).
4. Now the height is stored on the chosen position button.
You hear a double click of the control unit.



5.2.2 *Recalling a saved position*

Using this function you are able to recall a stored position.

1.



Press and hold the desired position button (e.g. 1).

The desk moves until the saved position is reached. If you release the button before reaching the saved position, the desk stops and the saved position will not be reached.

2.

The desk has reached the saved height. Release the position button

6. Technical Data

Supply voltage	5VDC \pm 10%
Current consumption (average)	75 mA
Life cycle (switching cycles)	10. 000
Ambient temperature	0 – 40° C
Cable length	2070 mm \pm 50mm
Dimensions (l, w, h)	141mm x 129 mm x 9,6mm
Weight	0,13 kg (incl. Cable)



Note: The foil of the handswitch might perish or might grow pale due to intensive UV radiation. Therefore avoid direct solar radiation!



7. Appendix

7.1 Possible Errors and Solutions

This chapter offers detailed information on possible troubles and solutions:


Display does not work (buttons work)

Possible Cause	Solution
Cable is defect	Contact our customer service
Display is defect	Contact our customer service / change the handswitch
Microcontroller is defect	Contact our customer service / change the handswitch
Handswitch is defect	Contact our customer service / change the handswitch

Buttons do not work (display works)

Possible Cause	Solution
Cable is defect	Contact our customer service
Handswitch is defect	Contact our customer service / change the handswitch

Handswitch does not work (neither display nor buttons)

Possible Cause	Solution
Cable is not plugged	Plug the plug in the intended jack marked with  .
Cable is not plugged as intended	
Bad pin contact	Plug off the plug an plug it in as intended (as described above)
Cable is defect	Contact our customer service



8. Further Information

8.1 Final Disposal

Please heed following disposal instructions when disposing of the HSF-cable-handswitch:



Note: Dispose of the components ecologically sound (separate plastic from electronics parts)!

8.2 Manufacturer information

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