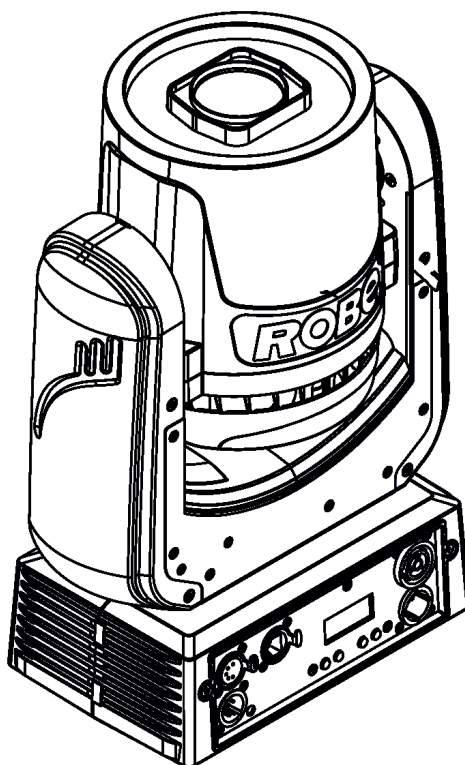


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# ROBE

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## **RoboSpot** **MotionCamera**



**ROBE**  
Innovative  
Technology

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## **USER MANUAL**

*Preliminary version*

# RoboSpot MotionCamera

## Table of contents

<b>1. Safety instructions .....</b>	<b>3</b>
<b>2. Fixture exterior view .....</b>	<b>5</b>
<b>3. Installation.....</b>	<b>6</b>
3.1 Connection to the mains .....	6
3.2 Rigging the fixture .....	6
3.4 DMX-512 connection.....	8
3.5. Wireless DMX operation .....	8
<b>4. Connection with the RoboSpot.....</b>	<b>9</b>
<b>5. Control menu map.....</b>	<b>10</b>
<b>6. Control menu .....</b>	<b>11</b>
6.1 Addressing (DMXA).....	11
6.2 Fixture information (Info) .....	11
6.3 Personality (Pers).....	11
6.4 Manual Control (Manual).....	12
6.7 Reset.....	12
6.8 Special functions (Special).....	12
<b>7. RDM .....</b>	<b>13</b>
<b>8. Error and information messages .....</b>	<b>14</b>
<b>9. Technical Specifications.....</b>	<b>15</b>
<b>10. Maintenance and cleaning.....</b>	<b>17</b>
10.1 Replacing the fuse .....	18
10.2 Cleaning of the air filtr .....	19
10.3 Disposing of the product .....	19

**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY  
BEFORE POWERING OR INSTALLING YOUR RoboSpot MotionCamera !**

**Save it for future reference.**

This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.

Please consider that damages caused by manual modifications to the device are not subject to warranty.

**The RoboSpot MotionCamera was designed for indoor use and it is intended for professional application only. It is not for household use.**

## **1. Safety instructions**

**DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THIS UNIT!**

Make sure that the available voltage is not higher than stated on the rear panel of the fixture. This fixture should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied, consult your authorized distributor or local power company.

WARNING! This unit does not contain an ON/OFF switch. Always disconnect power input cable to completely remove power from unit when not in use or before cleaning or servicing the unit.

Do not allow anything to rest on the power cord. Do not locate this fixture where the cord may be damaged by persons walking on it.

Make sure that the power cord is never crimped or damaged by sharp edges. Check the fixture and the power cord from time to time.

Refer servicing to qualified service personnel.

**This fixture falls under protection class I. Therefore this fixture has to be connected to a mains socket outlet with a protective earthing connection.**

Do not connect this fixture to a dimmer pack.

If the fixture has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

Avoid brute force when installing or operating the fixture.

This fixture was designed for indoor use only, do not expose this unit to rain or use near water.

When choosing the installation spot, please make sure that the fixture is not exposed to extreme heat, moisture or dust.

Air vents and slots in the fixture's head and base are provided for ventilation, to ensure reliable operation of the device and to protect it from overheating.

This fixture should not be placed in a built-in installation unless proper ventilation is provided.

Only operate the fixture after having checked that the housing is firmly closed and all screws are tightly fastened.

Always use a secondary safety cable when rigging this fixture.

Make sure that the area below the installation place is blocked when rigging, de-rigging or servicing the fixture.

Operate the fixture only after having familiarized with its functions. Do not permit operation by persons not qualified for operating the fixture. Most damages are the result of unprofessional operation!

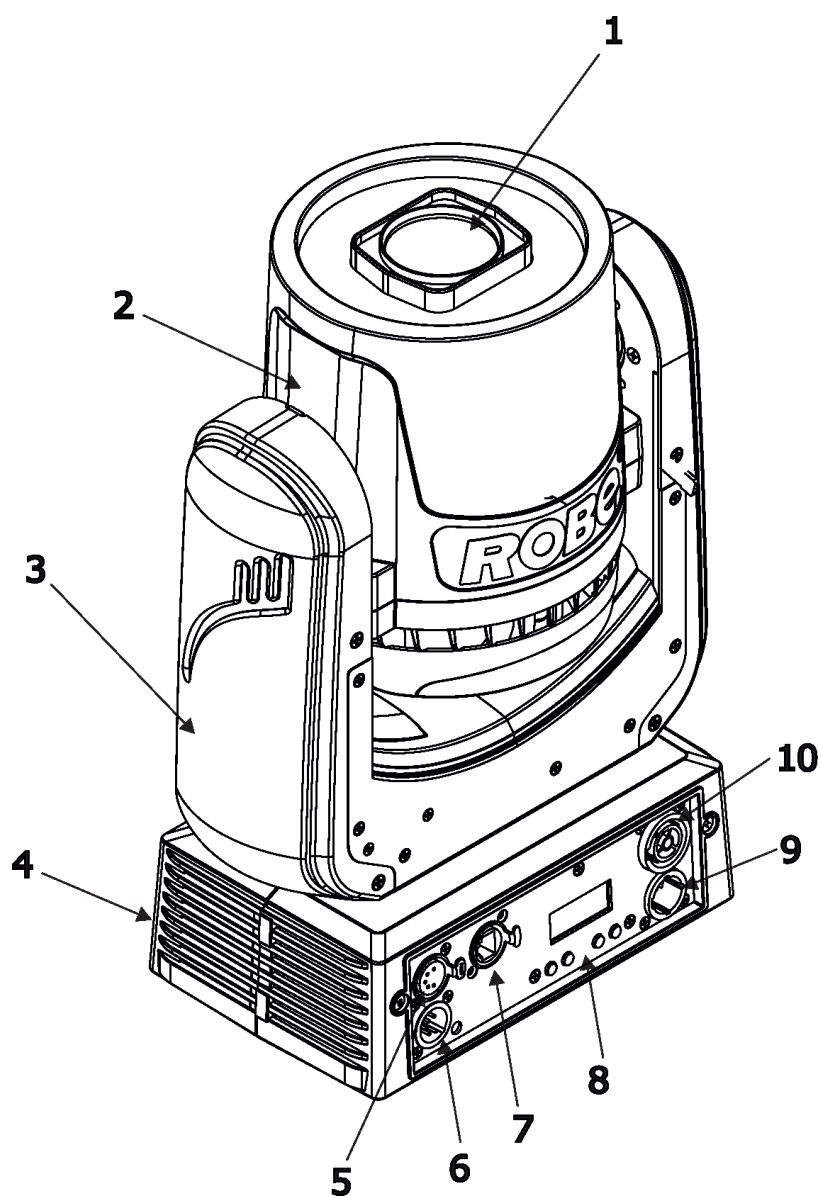
Please use the original packaging if the fixture is to be transported.

Please consider that unauthorized modifications on the fixture are forbidden due to safety reasons!

If this device will be operated in any way different to the one described in this manual, the product may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short-circuit, burns, electric shock, crash etc.

**To avoid damage of the internal optical system of the camera, never let the sunlight or other fixture lights directly to the camera lens , even when the fixture is not working !**

## 2. Fixture exterior view



- 1 - Camera lens
- 2 - Moving head
- 3 - Yoke
- 4 - Base
- 5 - DMX Out (5-pin XLR)
- 6 - DMX In (5-pin XLR)
- 7 - Camera output (RJ45)
- 8 - Control board
- 9 - Mains In
- 10 - Mains Out

### 3. Installation



***Fixtures must be installed by a qualified electrician in accordance with all national and local electrical and construction codes and regulations.***

#### 3.1 Connection to the mains

**For protection from electric shock, the fixture must be earthed!**

The RoboSpot MotionCamera is equipped with auto-switching power supply that automatically adjusts to any 50-60Hz AC power source from 100-240 Volts.

If you need to install a cord cap on the power cable to allow connection to power outlets, install a grounding-type (earthed) plug, following the plug manufacturer's instructions.

If you have any doubts about proper installation, consult a qualified electrician.

Core (EU)	Core (US)	Connection	Plug Terminal Marking
Brown	Black	Live	L
Light blue	White	Neutral	N
Yellow/Green	Green	Earth	

**This device falls under class one and must be earthed (grounded)!**

#### 3.2 Rigging the fixture

A structure intended for installation of the fixture(s) must safely hold weight of the fixture(s) placed on it. The structure has to be certificated to the purpose.

The fixture must be installed in accordance with national and local electrical and construction codes and regulations.

**For overhead installation, the fixture must be always secured with a safety wire that can bear at least 10 times the weight of the fixture.**

When rigging, de-rigging or servicing the fixture staying in the area below the installation place, on bridges, under high working places and other endangered areas is forbidden.

The operator has to make sure that safety-relating and machine-technical installations are approved by a skilled person once a year.

The fixture should be installed outside areas where persons may walk by or be seated.

**IMPORTANT! OVERHEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE**, including (but not limited to) calculating working load limits, installation material being used, and periodic safety inspection of all installation materials and the fixture. If you lack these qualifications, do not attempt the installation yourself, but instead use a professional structural rigger. Improper installation can result in bodily injury or damage to property.

The fixture has to be installed out of the reach of people.

The fixture must never be fixed swinging freely in the room.

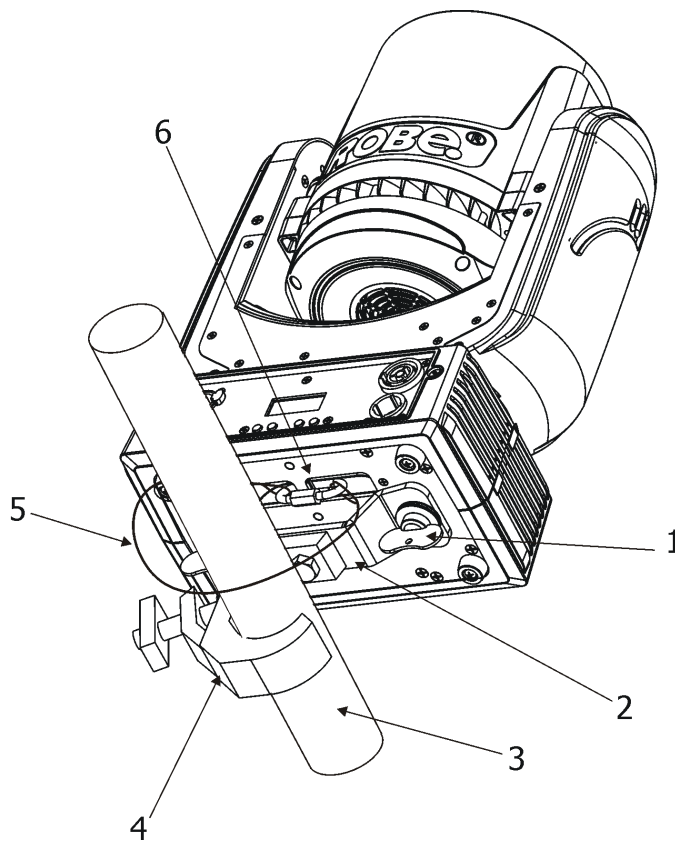
**Caution:** Fixture may cause severe injuries when crashing down! If you have doubts concerning the safety of a possible installation, do not install the moving head!

Before rigging make sure that the installation area can hold a minimum point load of 10 times the fixture's weight.

**CAUTION!**  
**Use an appropriate clamp to rig the fixture on the truss.**  
**Make sure that the device is fixed properly! Ensure that the structure (truss) to which you are attaching the fixture is secure.**

The fixture can be placed directly on the stage floor or rigged on a truss without altering its operation characteristics.

For securing the fixture to the truss install a safety wire that can hold at least 10 times the weight of the fixture. Use only the safety wire with a snap hook with screw lock gate. Fasten the snap hook in the attachment point and the safety wire around the truss as shown on the picture below.



- 1-Quick-lock fastener
- 2-Omega holder
- 3-Truss
- 4-Clamp
- 5-Safety wire with a snap hook  
with screw lock gate
- 6-Attachment point

**When installing fixtures side-by-side, avoid illuminating the fixture with another fixture!**

### 3.3 DMX-512 connection

The fixture is equipped with 5-pin XLR sockets for DMX input and output. Only use a shielded twisted-pair cable designed for RS-485 and 5-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture with another.

#### DMX output

XLR socket:



- 1 - Shield
- 2 - Signal (-)
- 3 - Signal (+)
- 4 - Used for wireless DMX
- 5 - Used for wireless DMX

#### DMX input

XLR plug:



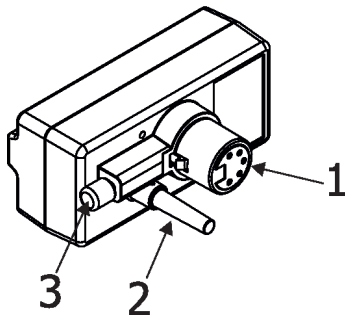
- 1 - Shield
- 2 - Signal (-)
- 3 - Signal (+)
- 4 - Used for wireless DMX
- 5 - Used for wireless DMX

If you are using the standard DMX controllers, you can connect the DMX output of the controller directly with the DMX input of the first fixture in the DMX-chain. If you wish to connect DMX-controllers with other XLR-outputs, you need to use adapter-cables.

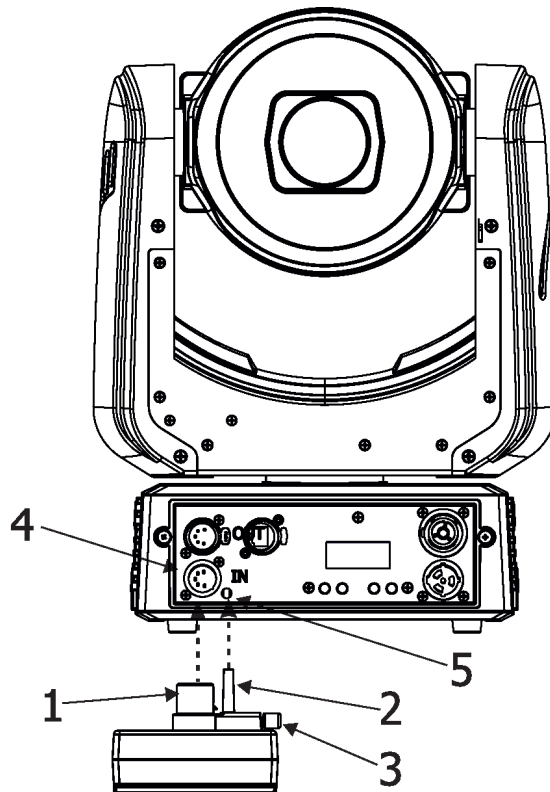
### 3.4. Wireless DMX operation

The external Robe Wireless CRMX-LB100 module allows receiving wireless DMX. This module is equipped with the Lumen Radio CRMX module and antenna for receiving DMX signal. CRMX module operates on the 2.4 GHz band.

Robe Wireless CRMX-LB100



- 1 - 5-pin XLR (female)
- 2 - Locating pin
- 3 - Lock



Push in the 5-pin XLR plug (1) into 5-pin XLR socket (4) and simultaneously locating pin (2) into hole (5) in the fixture. In this way the wireless DMX module is connected with the fixture.

NOTE: when you disconnect the DMX wireless module from fixture, press and hold lock (5) during getting the wireless module out.

#### To link the fixture with DMX transmitter.

The fixture can be only linked with the transmitter by running the link procedure at DMX transmitter.

After linking, the level of DMX signal (0-100 %) is displayed in the menu item "Stat" (Special-->Wireless-->Stat).

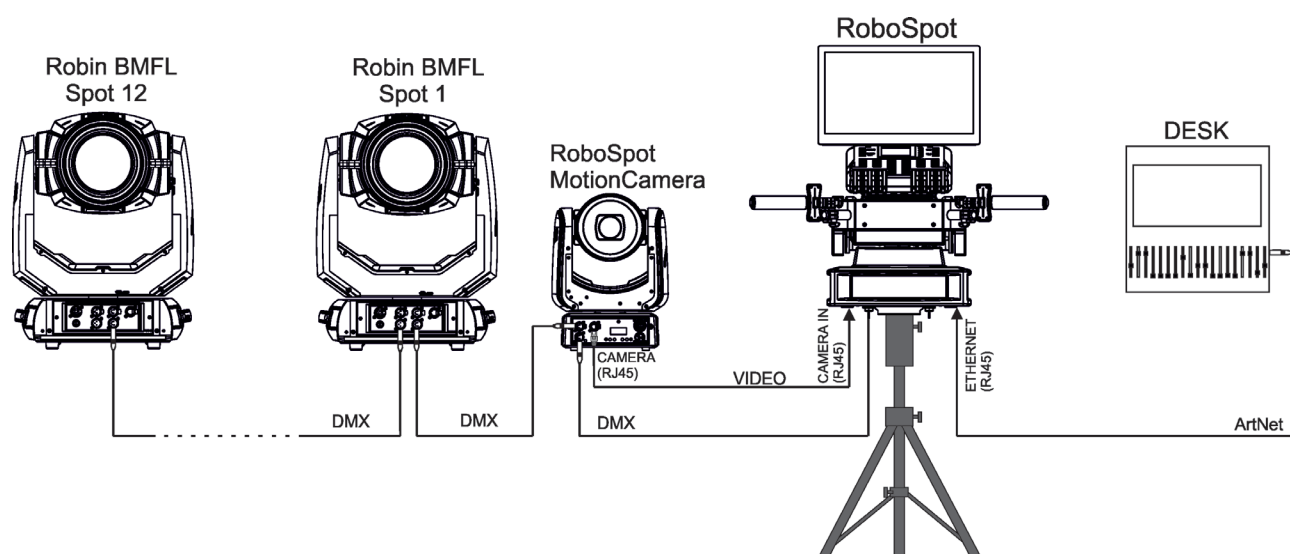
#### To unlink the fixture from DMX transmitter.

The fixture can be unlinked from receiver via the menu item "Unlink" (Special-->Wireless-->Unlink).



## 4. Connection with the RoboSpot

Up to 12 ROBIN BMFL fixtures (Spot/Blade/WashBeam) can be connected to the RoboSpot MotionCamera.



## 5. Control menu map

Default settings=**Bold print**

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
<b>DMXA</b>	Set DMXA	001-255				
	DMX Pres	<b>Mode 1</b>				
<b>Info</b>	POn Time	Total				
		Reset				
	DMX In	Pan	0-255			
		:				
		Reserved				
	Sw Ver	IC-1				
		IC-2				
<b>Pers</b>						
	DMX Pres	Mode 1				
	Pan Rev	On, <b>Off</b>				
	Tilt Rev	On, <b>Off</b>				
	P/T Mode	<b>Speed</b>				
		Time				
	P/T Feed	<b>On</b> , Off				
	Display	Turn				
		On/Off T	<b>On</b> , Off			
		Contrast	0-100%			
		Backlight	0-100%			
	Temp Uni	<b>°C</b> , °F				
	I Ef Pos	Pan				
		:				
		Reserved				
		Store				
	Defaults					
<b>Manual</b>		Pan	0-255			
		:				
		Reserved				
<b>Reset</b>						
<b>Special</b>	RDM Low					
	RDM Hight					
	Wireless	Stat				
		Unlink				
	Adjust	DMX Val	Pan	0-255		
			:			
			Reserved			
		Calib	Cal Mech	Pan C	0-255	
				Tilt C	0-255	
				Store		
			Cal Load			
		SW Upd				

## 6. Control menu

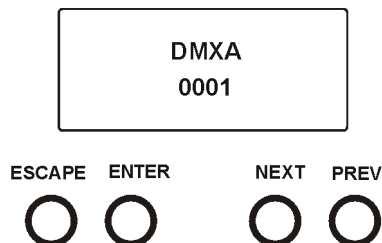
The RoboSpot MotionCamera is equipped with 2-row LCD display which allows to set the fixture's behaviour according to your needs and obtain information about its operation.

Control panel:

[ESCAPE] button used to leave the menu without saving changes.

[NEXT] , [PREV] buttons for moving between menu items and for value adjusting.

[ENTER] button used to enter the selected menu (menu item) and to confirm adjusted value.



After switching the fixture on, display shows current DMX address.

### 6.1 Addressing (DMXA)

**Set DMXA**- Use this menu item to set the DMX start address of the fixture, which is defined as the first channel from which the RoboSpot MotionCamera will respond to the controller.

If you set, for example, the address 36, the RoboSpot MotionCamera will use channels 36 - 43 for control.

Please, be sure that you do not have any overlapping channels in order to control each RoboSpot MotionCamera correctly and independently from any other fixture on the DMX data link.

If there is no data received at the DMX input, the display will start to flash "0001" with actually stored DMX address.

### 6.2 Fixture information (Info)

**Pon Time** - **Power on time**. Select this menu to read the number of fixture operation hours.

**Total** - The item shows the total number of the operation hours since the RoboSpot MotionCamera has been fabricated.

**Reset** - The item shows the number of the operation hours that the RoboSpot MotionCamera has been powered on since the counter was last reset.

In order to reset this counter to 0, press and hold both [NEXT] and [PREV] buttons and the [Enter] button at the same time.

**DMX In** - **DMX readout**. The menu is used to read DMX values of each channel received by the fixture.

**Sw Ver** - **Software versions**. Select this item to read the software version of the fixture modules.

**IC-1** - A pan/Tilt processor.

**IC-2** - A display processor.

### 6.3 Personality (Pers)

**Pan Rev** - **Pan reverse**. The item allows to invert pan movement.

**Tilt Rev** - **Tilt reverse**. The item allows to invert tilt movement.

**P/T Mode** - **Pan and Tilt movement mode**. Use this menu to set mode of the pan/tilt movement.

**Speed** - Both Pan and tilt will move with the same speed as adjusted at the channel "Pan/Tilt speed, Pan/Tilt time".

**Time** - The pan and tilt will move with different speeds and they will come at the same time to the end point of their tracks (pan and tilt use their optimal speeds).

Time of the pan/tilt movement (25.5 sec. max.) is set by the channel "Pan/Tilt speed, Pan/Tilt time".

**P/T Feed - Pan and Tilt Feedback.** The menu item allows to return the mowing head to the required pan/tilt position after changing the position by an external force if this option is set on.

Note. The Pan/Tilt Feedback should be permanent On, the option Off is not suitable for standard operation and the head of the fixture can be damaged!

**Display - Display adjusting.** This menu allows you to adjust the display behaviour.

**Turn** - This function rotates menu 180 degrees from current orientation..

**On/Off T** - This function allows you to keep the display permanent on (On/Off T= Off) or turn it off two minutes after last pressing any button on the control panel (On/Off T= On).

**Contrast**- Use this function to adjust contrast of the display (0-100%).

**Backlight**- Use this function to adjust backlight of the display (0-100%).

**I Ef Pos - Init effect positions.** Use the menu to set all effects to the desired positions at which they will stay after switching the fixture on without DMX signal connected.

**Defaults** - The menu item allows to set all fixture parameters to the default (factory) values.

## 6.4 Manual Control (Manual)

Use the menu to control all fixture channels by means of the control panel.

## 6.7 Reset

This option enables the RoboSpot MotionCamera to index all effects and return to their standard positions.

## 6.8 Special functions (Special)

**RDM Low** - This menu item shows the first part of the RDM identification code.

**RDM High** - This menu item shows the second part of the RDM identification code.

**Wireless - Stat** - Use the menu to read wireless DMX status.

**Unlink** - use this item to unlink fixture from wireless DMX.

**Adjust - Adjustment.** The menu allows the fine adjustment of effects.

**DMX Val- DMX values.** Use the menu to set DMX values of fixture's channels.

**Calib** - calibration fixture effects.

**Cal Mech** - Use this menu to calibrate mechanical effects:

Pan C - position of the pan

Tilt C - position of tilt

*Calibration of the pan/tilt via the control board*

1. Disconnect DMX controller from the fixture and enter the "Cal P/T" menu.
2. Use the [PREV] and [NEXT] to find "Pan" and press [ENTER].
3. Set desired value and save it by pressing [ENTER].
4. Repeat steps 2 and 3 for Tilt.
5. After calibrating both effects, find item "Store" and press [ENTER]. to save all adjusted values and reset the fixture.

**Sw Upd - Software update.** The menu item allows you to update software in the fixture via either serial or USB port of PC.

The following are required in order to update software:

- PC running Windows 7/10 or Linux
- Update software
- Flash cable RS232/DMX No.13050624 (if you want to use a serial port of PC)
- Robe Universal Interface (if you want to use an USB port of PC)

Note 1: Software update should execute a qualified person. If you lack qualification, do not attempt the update yourself and ask for help your ROBE distributor.

Note 2: All items in the menu "Pers" will be set to their default (factory) values after software update.

*To update software in the fixture:*

I. Installation of the update software.

1. Update Software available from the ROBE web site at [WWW.robe.cz](http://WWW.robe.cz).
2. Make a new directory ( e.g. Robe\_Uploader) on your hard disk and download the software to it.
3. Unpack the program to the directory.

II. Fixture software updating.

1. Determine which of your ports is available on your PC and connect it:
  - with the DMX input of the fixture if you using the flash cable RS232/DMX
  - with the USB input of the Robe Universal Interface if you using the USB cable. Connect DMX output of the Robe Universal Interface with the fixture via a standard DMX cable.Turn both the computer and the fixture on. Make sure the lamp is switched off (only if the fixture has a lamp).

2. Switch the fixture to the updating mode (Special -> "SW Upd "-> On).

Note: If you do not want to continue in software update, you have to switch off and on the fixture to escape from this menu.

We recommend to cancel all running programs on PC before starting the software update.

3. Run the Software Uploader. Select desired COM and then click on the Connect button.

(Select COM if the serial port is used or Robe Universal Interface if the USB port is used).

If the connection is OK, click on the "Start Uploading button" to start uploading. It will take several minutes to perform software update.

If the option "Incremental Update" is not checked, all processors will be updated (including processors with the same software version).

If you wish to update only later versions of processors, check the "Incremental Update box".

Avoid interrupting the process. Update status is being displayed in the Info Box window.

When the update is finished, the line with the text "The fixture is successfully updated" will appear in this window and the fixture will reset with the new software.

Note: In case upload process is interrupted (e.g. power loss), the fixture stays in "Updating mode" and you will have to repeat the software update again.

## 7. RDM

This fixture supports RDM operation. RDM (Remote Device Management) is a bi-directional communications protocol for use in DMX512 control systems, it is the new open standard for DMX512 device configuration and status monitoring.

The RDM protocol allows data packets to be inserted into a DMX512 data stream without adversely affecting existing non-RDM equipment. By using a special „Start Code,“ and by complying with the timing specifications for DMX512, the RDM protocol allows a console or dedicated RDM controller to send commands to and receive messages from specific moving lights.

RDM allows explicit commands to be sent to a device and responses to be received from it.

The list of commands for RoboSpot MotionCamera is the following.

Parameter ID	Discovery command	SET command	GET command
DISC_UNIQUE_BRANCH	*		
DISC_MUTE	*		
DISC_UN_MUTE	*		
DEVICE_INFO			*
SUPPORTED_PARAMETERS			*
SOFTWARE_VERSION_LABEL			*
DMX_START_ADDRESS		*	*
IDENTIFY_DEVICE		*	*
DEVICE_MODEL_DESCRIPTION			*
MANUFACTURER_LABEL			*
DEVICE_LABEL		*	*
SENSOR_DEFINITION			*
SENSOR_VALUE			*
DISPLAY_INVERT		*	*

DISPLAY_LEVEL		*	*
PAN_INVERT		*	*
TILT_INVERT		*	*
DEVICE_RESET		*	
DMX_PERSONALITY		*	*
DMX_PERSONALITY_DESCRIPTION			*
STATUS_MESSAGES			*
STATUS_ID_DESCRIPTION			*
DEVICE_HOURS			*
PARAMETER_DESCRIPTION			*
ROBE_DMX_INPUT		*	*
ROBE_WIRELESS_UNLINK		*	

## 8. Error and information messages

### Tilt Err

This message will appear after the reset of the fixture if the head's magnetic-indexing circuit malfunctions (sensor failed or magnet is missing) or the stepping motor is defective or its driving IC on the PCB. The head is not located in the default position after the reset.

### Pan Err

This message will appear after the reset of the fixture if the head's magnetic-indexing circuit malfunctions (sensor failed or magnet is missing) or the stepping motor is defective or its driving IC on the PCB. The head is not located in the default position after the reset.

## 9. Technical Specifications

### Electrical

Power supply: electronic auto-ranging  
Input voltage range: 100-240V, 50-60Hz  
Fuse: T 1A  
Max. power consumption: 35W (I=0.22A at 230V, power factor=0.51)

Mains input: CE - max. 16A  
ETL - max. 10A  
Mains output: CE - max. 15A  
ETL - max. 9A

### Camera

Type: SNZ-6320  
Max. resolution: 1920 x 1080  
16 : 9 Full HD (1080p) resolution support  
32x optical zoom, 16x digital zoom  
H.264, MJPEG dual codec, Multiple streaming  
Day & Night (ICR), WDR (120dB)

### Pan/Tilt

Pan movement range 540°  
Tilt movement range 270°  
16 bit movement resolution  
Automatic Pan/Tilt position correction  
Remotely controllable speed of pan/tilt  
Movement control: tracking and vector

### Control

2-row LCD display & 4 buttons  
Readout fixture usage, receiving DMX values, temperatures, etc  
Built-in analyzer for easy fault finding, error messages  
Supported protocols: USITT DMX 512, RDM,  
8 control channels

### External Wireless DMX/RDM module (option)

Compliance with USITT DMX-512 (1986 & 1990) and 512-A  
Full DMX fidelity and frame integrity  
Auto sensing of DMX frame rate and frame size  
<5ms DMX latency  
Operational frequency range of 2402-2480 MHz  
Producer: LumenRadio

### Connection

DMX data in/out: Locking 5-pin XLR  
Power IN: Neutrik True oneNAC3MPX  
Power OUT: Neutrik True One NAC3FPX  
Camera: RJ 45

### Rigging

Mounting points pair of 1/4-turn locks  
Mounting horizontally or vertically via mounting bracket Omega CL

### Temperatures

Maximum ambient temperature : 45° C  
Maximum housing temperature : 55° C

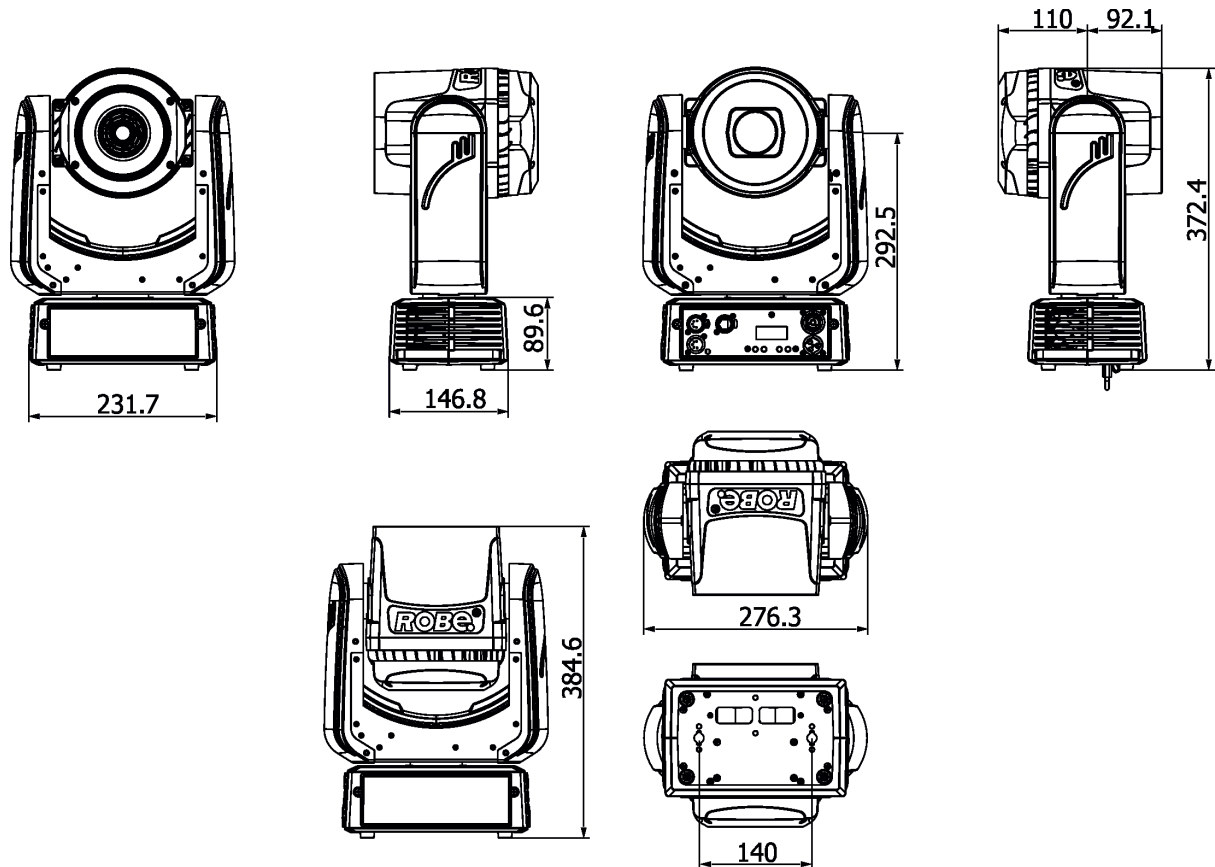
### Total heat dissipation

150 BTU/h (calculated)

### Weight

5.7 kg

### Dimensions (mm)



### Included items

- 1 x RoboSpot MotionCamera
- 1 x Mounting bracket Omega CL (P/N 99010420)

### Optional accessories

- (P/N 10980127) Robe Wireless CRMX-LB100
- (P/N 1305 2439) Daisy Chain PowerCon TRUE1 In/Out, EU, 2m, indoor
- (P/N 1305 2440) Daisy Chain PowerCon TRUE1 In/Out, US, 2m, indoor
- (P/N 13052444) Daisy Chain PowerCon TRUE1 In/Out, EU, 5m, indoor
- (P/N 1305 2405) Mains Cable PowerCon In TRUE1/Schuko, 2m, indoor
- (P/N 1305 2406) Mains Cable PowerCon In TRUE1/US, 2m, indoor
- (P/N 1305 2407) Mains Cable PowerCon In TRUE1/open ended, 2m, indoor
- (P/N 13052443) Mains Cable PowerCon In TRUE1/Hubb 2321, 2m US, indoor
- (P/N 13052445) Mains Cable PowerCon In TRUE1/CEE 16A, 2m, indoor



## 10. Maintenance and cleaning

***DANGER !***  
***Disconnect from the mains before starting any  
maintenance work***

**Never use solvents for cleaning the front lens and covers of the fixture**

It is absolutely essential that the fixture is kept clean and that dust, dirt and smoke-fluid residues must not build up on or within the fixture.

A soft lint-free cloth moistened with any good glass cleaning fluid is recommended, under no circumstances should alcohol or solvents be used!

Camera lens may require weekly cleaning as smoke-fluid tends to building up residues.

The interior of the head and base should be cleaned at least annually using a vacuum-cleaner.

Periodically clean the air filter placed in the fixture base. Use a vacuum cleaner, compressed air or you can wash it and put back dry.

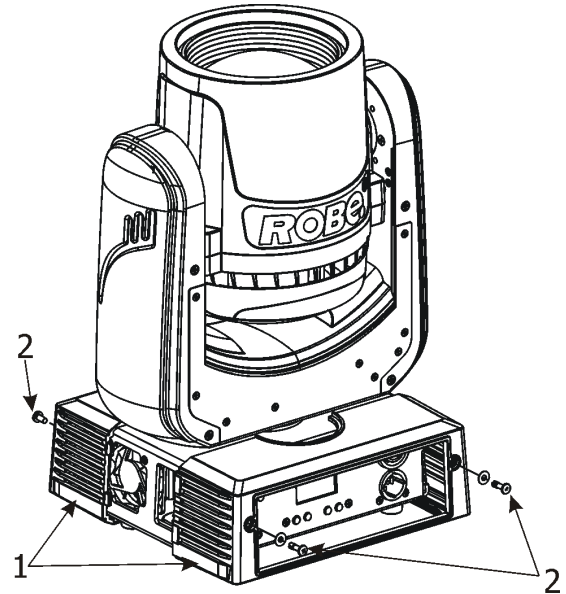
More complicated maintenance and service operations are only to be carried out by authorized distributors.

## 10.1 Replacing the fuse

**Before replacing the fuse, unplug mains lead!**

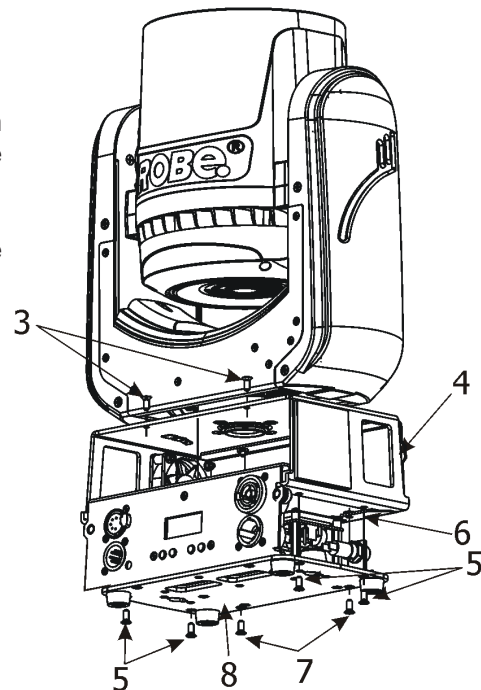
1. Replace the fuse by a fuse of the same type and rating only.

2. Remove the plastic covers of the base (1) by unscrewing two fastening screws (2) on each cover.



3. Unscrew four screws (3) on the top chassis (4). Lay down the fixture and unscrew four screws (5) on the bottom plate (8) to push out inside module of the base.

4. Unscrew two screws (7) on the bottom plate to remove rear panel of the fixture (6).

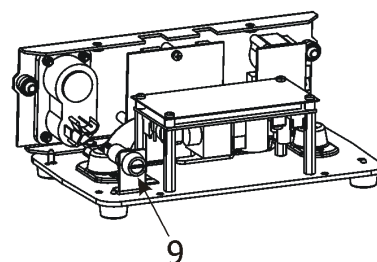


5. Now you have access to the fuse holder (9) in the inside module of the base.

6. Remove the old fuse from the fuse holder.

7. Install the new fuse into the fuse holder.

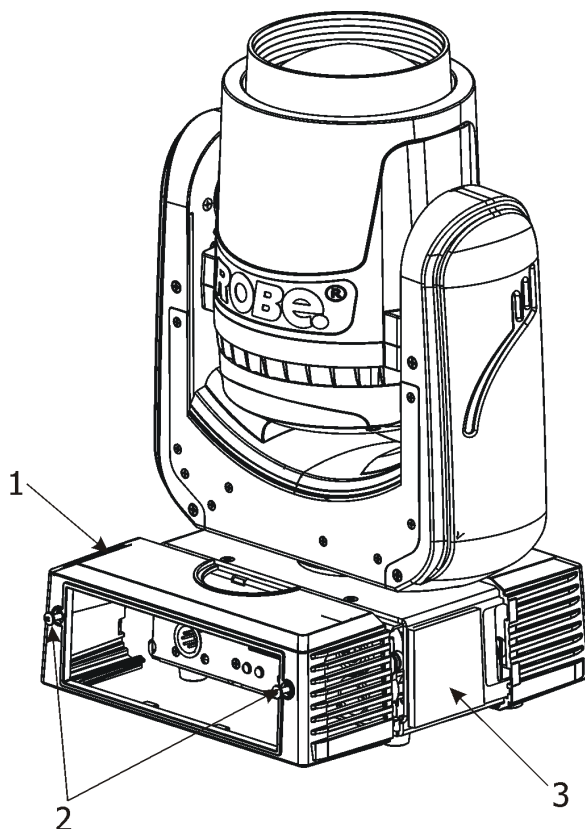
8. Assemble the base of the fixture.



## 10.2 Cleaning of the air filter

**Before replacing the fuse, unplug mains lead!**

1. Remove the front plastic cover of the base (1) by unscrewing two fastening screws (2) on the cover.



2. Clean the air filter (3) placed in the base. Use a vacuum cleaner, compressed air or you can wash it and put back dry.
3. Place the base cover back and fasten it by means of two screws (2).

## 10.3 Disposing of the product

To preserve the environment please dispose or recycle this product at the end of its life according to the local regulations and codes.

June 30, 2017

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All Specifications subject to change without notice

Made in CZECH REPUBLIC by ROBE LIGHTING s.r.o. Palackeho 416/20 CZ 75701 Valasske Mezirici

RoboSpot MotionCamera - DMX protocol			
Version: 1.0			
Channel	DMX Value	Function	Type of control
<b>1</b>		<b>Pan (8 bit)</b>	
	0 - 255	Pan movement by 540° (128=default)	proportional
<b>2</b>		<b>Pan Fine (16 bit)</b>	
	0 - 255	Fine control of pan movement (0=default)	proportional
<b>3</b>		<b>Tilt (8 bit)</b>	
	0 - 255	Tilt movement by 270° (128=default)	proportional
<b>4</b>		<b>Tilt fine (16 bit)</b>	
	0 - 255	Fine control of tilt movement (0=default)	proportional
<b>5</b>		<b>Pan/Tilt speed , Pan/Tilt time</b>	
	0	Max. speed -tracking mode (0=default)	step
		<b>Pan/Tilt speed</b>	
	1 - 255	Speed from max. to min. (vector mode)	proportional
		<b>Pan/Tilt time</b>	
<b>6</b>		<b>Power/Special functions</b>	
	0 - 19	Reserved (0=default)	
		<i>To activate following functions, stop in DMX value for at least 3 seconds.</i>	
	20-24	Display ON	step
	25-29	Display OFF	step
	30-34	Pan/Tilt speed mode	step
	35-39	Pan/Tilt time mode	step
	40-49	Reserved	
	50-54	Pan/Tilt reset	step
	55-255	Reserved	
<b>7</b>		<b>Reserved</b>	
	0- 255	Raw DMX (0=default)	proportional
<b>8</b>		<b>Reserved</b>	
	0- 255	Raw DMX (0=default)	proportional
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