SPY ROVER

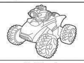
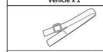
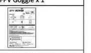
EI-7026a

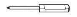
MFR No. 82419

Hereby, Silverlit Toys Manufactory Ltd declares that the radio equipment 82419 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.silverlit.com/a/certificate

For ages 8+
Ab 8 Jahre
A partir de 8 ans
Leeftijd vanaf 8 jaar
A partir de 8 años
Dai 8 anni in su

Delivery Contents

		
Vehicle x 1	Transmitter x 1	FPV Goggle x 1
		
Head Strap x 1	Extended Cable x 1	Instruction manual x 1

Required items but not included			
(For Vehicle)	(For Transmitter)	Note: Compatibility of Type : Class 4 or above MicroSD card Compatibility of Capacity : Up to 32Gb	
AA Battery x 10		Micro-SD Card X 1	Screwdriver x 1

FCC Statements

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital 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 and 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 turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Waste Electrical and Electronic Equipment (WEEE)
When this appliance is out of use, please remove all batteries and dispose of them separately. Bring electrical appliances to the local collecting points for waste electrical and electronic equipment. Other components can be disposed of in domestic refuse.

Battery requirement (Vehicle):

Power Supply : ⎓
Rating : DC 9 V , 13.5 W
Batteries : 6 x 1.5 V "AA"/LR6/AM3 (not included)

Battery requirement (Transmitter):

Power Supply : ⎓
Rating : DC 6 V , 2.7 W
Batteries : 4 x 1.5 V "AA"/LR6/AM3 (not included)

Silverlit SAS, 80 rue Barthelemy Danjou, 92100 Boulogne-Billancourt / France.
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Safety Precautions:

- Parents, this toy is recommended for children. To ensure that your child's play is both safe and fun, please review the operating instructions with your children.
- DO NOT pick up moving vehicle.
- Keep hands, hair and loose clothing away from the tires and the wheel hubs when power switch is turned ON.
- Remove battery from the toy when not in use.
- DO NOT operate your vehicle on street. Avoid hitting people, pets or home furnishings.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Care and Maintenance:

- Always remove batteries from the product when it is not being used for a long period of time.
- Operate only on flat, smooth (but not slippery), dry surfaces and low pile carpet, as hair, carpet or dirt can affect the operation of the vehicle.
- Wipe the product gently with a clean cloth.
- Keep the product away from direct heat.
- Do not submerge the product into water that can damage the electronic assemblies.

Special notes:

- Before first use, Read the user's information.

Notes:

- New alkaline batteries are recommended to use in this product to obtain best and maximum performance.

Battery warnings:

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed before being charged.
- Different types of batteries or new and used batteries are not to be mixed.
- Only batteries of the same or equivalent type as recommended are to be used.
- Batteries are to be inserted with correct polarity.
- Exhausted batteries are to be removed from the product.
- The supply terminals are not to be short-circuited.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable batteries.
- Rechargeable battery are only to be charged by an adult.

The normal function of the product may be disturbed by Strong Electro Magnetic Interference. If so, simply reset the product to resume normal operation by following the instruction manual. In case the function could not resume, please use the product in other location.

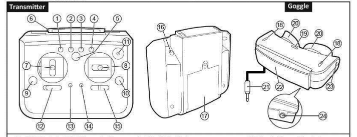
1. THE TRANSMITTER & GOGGLE

The SPY ROVER transmitter is a wireless 2.4GHz frequency band communication device.

Caution:

1. SPY ROVER has an effective control distance up to 50 meters in open space. Be sure to watch your driving distance.
2. Video streaming signal is up to 40 meters in open space, problem may occur when exceed the distance.
3. Pay attention to and follow local laws and regulations.

1.1 Parts Identification

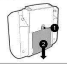


1	OSD Control: Left / Volume "−"	9	Take Video Button	16	Goggle Connection Jack
2	OSD Control: Right / Volume "+"	10	Take Photo Button	17	Battery Compartment Cover
3	OSD Control: Enter / Confirm / Light	11	Camera Movement (left/Right & upward/downward)	18	Focus Adjustment
4	OSD Control: Menu / Back	12	Power Switch	19	Pupil Distance Adjustment
5	Display Mode	13	Power Indicator	20	Eyepieces
6	LCD Mount	14	RX Status Indicator	21	Transmitter Connection Plug
7	Throttle (Forward & Backward)	15	Trimmer (L / R)	22	LCD Module
8	Throttle (Left & Right)			23	Head Strap Hole
				24	Earphone Hole

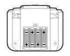
1.2 Battery Installation

Transmitter Battery Installation (*Make sure the Power Switch is on "OFF" position.)

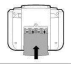
1. Press down the button (1) on the battery compartment, and then follow arrow (2) direction to push out the battery compartment cover.



2. Insert 4 AA batteries on the battery compartment with correct polarity.

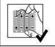


3. Close the battery compartment.

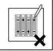


Warning !

Remove these batteries from the unit by pulling up on one end of each battery positive by hand.



DO NOT remove or install batteries using sharp or metal tools.



Note: If the Power Indicator on the Transmitter blinks (refer to the ***[1.4 Transmitter Indicator Status Information]***), please replace batteries as soon as possible.

Vehicle Battery Installation

1. Switch off the Vehicle
2. Open both of the battery compartments by loosening the screw (fig. 1).
3. Put 6 Type AA battery in the battery compartments as per the polarity shown inside (fig. 2).
4. Place back the battery compartment covers (fig. 3).

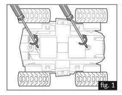


fig. 1

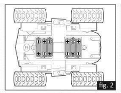


fig. 2

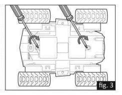
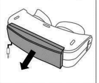


fig. 3

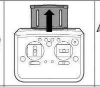
1.3 Goggle Installation

As the major electronic components and transmission module are inside the Goggle, connect the Goggle with the Transmitter is a must. There are two ways to do the connection.

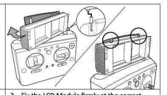
1.3.1 For Handheld Usage



1. Pull out the LCD Module from the goggle.

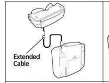


2. Pull out the LCD Mount.

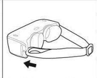


3. Fix the LCD Module firmly at the correct position.

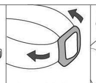
1.3.2 For Goggle Usage



1. Insert the connection plug with the extended cable into the Goggle Connection Jack on the transmitter.



2. Insert the Head Strap into the hole on both side of the Goggle



3. Adjust the tightness of the Head Strap to fit your head.

4. User can listen live sound through the earphone.

WARNING!

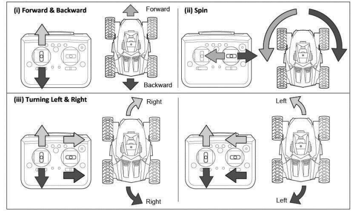
- FPV remote control is a new experience for advanced user, it is highly recommended to use handheld mode for beginners.
- When wearing the Goggle during playtime, you may not aware of your surroundings for unexpected situation. Having Playing companions are highly recommended to prevent any accident occur.

1.4 Transmitter Indicator Status Information

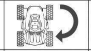
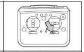
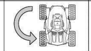
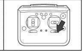
Power Indicator	Transmitter State
▬▬▬	Power On & Functioning normally (Light up)
◢◣	Establishing a link between the Transmitter and the Vehicle (Glooming)
● ● ● (1Hz)	Low voltage of Transmitter, should replace the batteries immediately (Flash)
RX Status Indicator	**Transmitter State**
●	Take Photo (Flash once)
▬▬▬	Video Taking (Light up)
● ● ● (1Hz)	Low voltage of Vehicle (Flash)
●●●●●●●●●●●●●●● (5Hz)	No signal detected from Vehicle (Flash)
OFF	Normal

1.5 Transmitter Operation

1.5.1 Set transmitter power switch to "ON", the power indicator will Gloom.
1.5.2 Set vehicle power switch to "ON".
1.5.3 Steer the vehicle by adjusting the throttle stick and steering stick of transmitter in different combinations to perform different action.



1.6 Trimming the Vehicle

When your Vehicle keep turning right, press left side trimmer continually until it stops turning.		
When your Vehicle keep turning left, press right side trimmer continually until it stops turning.		

Driving Tips:

- The turning speed and radius may vary at different control combination.
- Operate only on flat, smooth (but not slippery), dry surfaces and low pile carpet, as hair, carpet or dirt can affect the operation of the vehicle.
- Don't drive your vehicle in sand or through water or snow, if your vehicle gets wet, wipe with a towel and allow to dry completely.

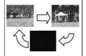
1.7 Link between Transmitter and Vehicle

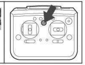
In order to control the Vehicle by the transmitter, to set up the link between them is essential.

(i) Make sure the power switches on both Transmitter and Vehicle are in OFF position, and the Goggle and Transmitter are well connected.
(ii) Switch the Power on both Transmitter and Vehicle to ON position. The Power Indicators will start glooming. ◢◣
(iii) When the link established, the Power Indicators on both Transmitter and Vehicle will become solid. ▬▬▬

1.8 Display Mode

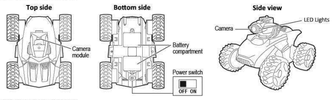
LCD screen is able to switch between different modes by pressing Display Mode button:
Normal > Zoom 1 > Zoom 2 > Zoom 3 > Off





2. VEHICLE

2.1 Part Identification

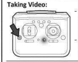


2.2 Camera Operation

The camera can only be operated by the Transmitter, please make sure the power of both the Vehicle and Transmitter are switched on, and make sure the link is established before operation.

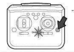
Video & Photo Taking

Taking Video:



- Press once the Video button on transmitter to start video recording, the RX Status Indicator will turn on.
- Press again the Video button to stop recording, the RX Status Indicator will turn off.

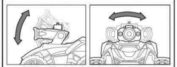
Taking Photo:



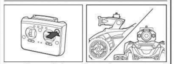
- Press once the Photo button on transmitter to take a photo, the RX Status Indicator will flash once.

NOTE! When ☒ or 🄵 is showing on upper right corner of screen, it means no Micro SD Card installed / card error, please check your card whether it is well installed or the memory is full.

Camera Adjustment



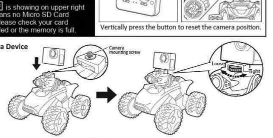
ONLY adjusting the camera angle through transmitter button.



Vertically press the button to reset the camera position.

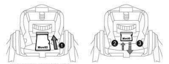
Mounting Other Camera Device

You may make use of the camera mounting screw to mount and install your own camera.



2.3 Inserting and Removing the MicroSD

1. Insert the MicroSD card (not included) with the gold-colored contacts facing down. ❶
2. Push gently the card until the card disengages from the Vehicle, and then pull it out of the slot. ❷ & ❸



MicroSD card (not included)

Note: Memory card slot : MicroSD card (not included), up to 32GB

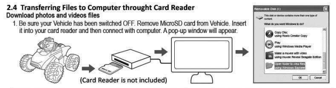
Disclaimer

This manual is provided "as is" and without warranty of any kind. The entire risk arising out of the use or performance of this product and this manual remains with user. Please read this manual prior to using the product and keep for future reference. Users are advised to review all applicable domestic and international laws in relation to airspace before using this product. By using this product, you acknowledge that you have read, fully understand and agree to this disclaimer. Any action you take upon the information on this manual is strictly at your own risk. Malfunctions or negligence caused by not following this manual correctly or failure to comply with any applicable laws and regulations, administrative rules and social standard are assumed by user.

2.4 Transferring Files to Computer throught Card Reader

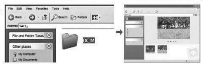
Download photos and videos files

1. Be sure your Vehicle has been switched OFF. Remove MicroSD card from Vehicle. Insert it into your card reader and then connect with computer. A pop-up window will appear.



(Card Reader is not included)

2. Enter the camera folder, find the image files to required location. Copy the images or videos to your computer.



2.5 Troubleshooting

Symptom	Cause	Correction
Vehicle does not react, or react poorly to the transmitter.	- High-frequency interference occurred near to high-voltage lines, transformers and some types of building. - The transmitter batteries are weak. - The toy is in stand-by mode	- Avoid these if possible, or choose another place to operate the vehicle. - Change new battery in transmitter. - Switch off the toy and turn it on again.
Loss of control.	- Another radio control vehicle using the same frequency and channel is operated near your vehicle. - Out of the transmission range.	- Race against other vehicles using different frequencies or channel. - The vehicle has a transmission range of 50 meters (162 feet) in open space.
Vehicle runs slowly, erratically or does not run..	- Power switch is not in "ON" position. - Batteries are not installed correctly. - Weak batteries. - Hair, carpet or dirt might be trapped between wheels.	- Switch on the power. - Check the batteries polarity and connection. - Replace them with new ones. - Carefully remove the foreign materials.
The video/photo was not recorded. The icon on the upper right corner of the screen changed to 🄵 or ☒.	- The battery of the Vehicle is weak. - The memory card is full or no memory card.	- Replace the battery of the Vehicle. - Move/remove some photos/ videos or insert a memory card.

Spy Rover™

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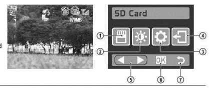
2.6 Transmitter Operation Guide

Switch "ON" both Vehicle and Transmitter to enter the live view screen. Then the upper right corner will show the capacity of the memory card. If you have not inserted the memory card, [☒] no memory card icon will be shown.

Press [**MENU**] to enter the menu interface.

1. SD card - To display image or video and to format memory card
2. Display - Adjusting brightness and contrast
3. Setting - Adjusting image and video quality
4. Exit
5. Move the cursor left or right
6. ENTER button
7. MENU/BACK button

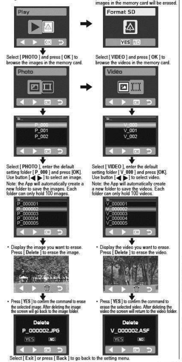


2.7 SD Card - Viewing and Erasing images

Select 💾 and press [**OK**] to browse the memory card.

1. Select ▶ [**Play**] to browse the image or video folder.

2. Select ⚠ [**Format SD**]
Press [**Yes**] to format memory card. All images in the memory card will be erased.



Select [**PHOTO**] and press [**OK**] to browse the images in the memory card.

Select [**VIDEO**] and press [**OK**] to browse the videos in the memory card.

Select [**PHOTO**], enter the default setting folder [**P_000**] and press [**OK**]. Use button [◀ ▶] to select an image.
Note: the App will automatically create a new folder to save the images. Each folder can only hold 100 images.

Select [**VIDEO**], enter the default setting folder [**V_000**] and press [**OK**]. Use button [◀ ▶] to select video.
Note: the App will automatically create a new folder to save the videos. Each folder can only hold 100 videos.

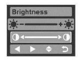
- Display the image you want to erase. Press [**Delete**] to erase the image.
- Display the video you want to erase. Press [**Delete**] to erase the video.
- Press [**YES**] to confirm the command to erase the selected image. After deleting the image the screen will go back to the image folder.
- Press [**YES**] to confirm the command to erase the selected video. After deleting the video the screen will return to the video folder.

Select [**Exit**] or press [**Back**] to go back to the setting menu.

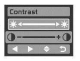
2.8 Display - Adjusting brightness and contrast

Select ☀ and press [**OK**] to adjust brightness and contrast.

Select [**Brightness**]
Use button [◀ ▶] to select the desired brightness.
Use button [⬍] to select contrast.

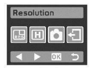


Select [**Contrast**]
Use [◀ ▶] to select the desired contrast and press [⮌] to return to the main menu.



2.9 Setting - Shooting function

Select ⚙ and press [**OK**] to set the photo quality, video quality and snapshot function.



1. Select [**Resolution**].
Use [◀ ▶] to select the image size and press [**OK**] to return to setting menu.
Image size:
VGA 640x480
QVGA 320x240

2. Select [**Quality**].
Use [◀ ▶] to select the image quality and press [**OK**] to return to setting menu.
Video quality:
- Low
- Medium
- High

3. Select [**Snapshot**].
Use [◀ ▶] to select snapshot function and press [**OK**] to return to setting
Snapshot:
- Take 1 photo
- Take 3 photos
- Take 5 photos