EI-7129b

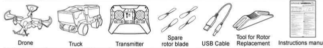
DRONE MISSION

For ages 14+
Ab 14 Jahre
A partir de 14 ans
Leeftijd vanaf 14 jaar
A partir de 14 años
Dai 14 anni in su

MFR No. 84772

Hereby, Silverlit Toys Manufactory Ltd declares that the radio equipment 84772 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

Delivery Contents



Precautions and Warnings

The crossed-out dustbin symbol indicates that batteries, rechargeable batteries, button cells, battery packs, etc. must not be put in the household waste. Batteries are harmful to health and the environment. Please help to protect the environment from health risks. If the toy is out of use, please use common household tool to break the product for built-in rechargeable battery operated toy or unscrew the battery door for replaceable battery operated toy, then take the battery out from the toy. Dispose of battery in accordance with your local battery recycling or disposal laws.

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.

Safety precautions:

Warning: Conversion or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the product.
- The USB cable is tailor-made for the LiPo rechargeable battery used in Drone. Do not use it to charge any battery other than that in the Drone.

Care and Maintenance:

- Always remove batteries from the product when it is not being used for a long period of time. (Transmitter and Truck)
- Regularly examine for damage to the plug, enclosure and other parts. In the event of any damage, the product must not be used with the transmitter charger until the damage has been repaired.
- 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:

- This product intended to be used in domestic area (house and garden) only.
- Do not change or modify anything on the Drone.

Notes:

- New alkaline batteries are recommended to use in this product to obtain best and maximum performance. (Transmitter and Truck)
- This product must only be used with the recommended charger.

Battery warnings:

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed before being charged. (Transmitter and Truck)
- Rechargeable batteries are only to be charged under adult supervision.
- Different types of batteries or new and used batteries are not to be mixed. (Transmitter and Truck)
- 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. (Transmitter and Truck)
- The supply terminals are not to be short-circuited.
- Do not mix old and new batteries. (Transmitter and Truck)
- Do not mix alkaline, standard (carbon-zinc) or rechargeable batteries. (Transmitter and Truck)

This Drone is equipped with a LiPo rechargeable battery, please pay attention to the following cautions for safety use:

- Do not dispose the battery in fire or heat.
- Do not use or leave the battery near a heat source such as fire or heater.
- Do not strike or throw the battery against hard surface.
- Do not immerse the battery in water, and keep the battery in a cool dry environment.
- When recharging, only use the battery charger specifically for that purpose.
- Do not over-discharge the battery.
- Do not connect the battery to an electrical outlet.
- Do not directly solder the battery and pierce the battery with a nail or other sharp object.
- Do not disassemble or alter the battery.
- Charge the battery every 6 months.

Battery requirements transmitter:

Power supply : ⎓
Battery ratings : DC 4.5 V, 0.27 W
Batteries : 3 x 1.5 V "AA"/LR6/AM3 (not included)

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
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 enco:
- 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.

Tip! Safety hints

- Never take apart or attempt to modify the product. This could damage the product.
- Drone piloting requires specific skills and should be learned under direct supervision of an experienced adult.
- Never operate this product if it has damaged parts.
- Caution. Do not start up and fly when persons, animals or any obstructions are within the flying range of the Drone.
- Do not fly the Drone in the vicinity of water and power lines.
- For safe use, the room where the toy is used must be sufficiently large.
- Always keep your eyes on the Drone and prevent it from landing or crashing near your head, your body, or on other people.
- Stand during operation in order to get out of the way of the Drone quickly if necessary.
- Always switch the Drone and the transmitter off when not operating.
- Warning! Do not touch the running rotors. Keep hands, hair and loose clothes away from moving parts to avoid injury.
- Never hold or throw any objects into the running rotors.
- Caution. Risk of eye injuries. Do not fly near your face to avoid injuries.
- Keep this instruction manual for future reference.

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.

Battery requirement for Truck:

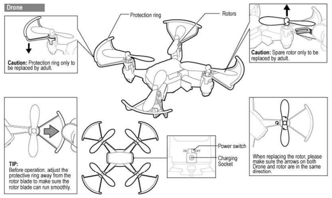
Power Supply : ⎓
Rating : DC 9 V , 6.75 W
Batteries : 6 x 1.5 V "AA"/LR6/AM3 (not included)

Battery requirements Drone:

Power supply : ⎓
Battery ratings : DC 3.7 V , 7.77 W
Batteries : 1 x 3.7 V Li-Po Rechargeable Battery Pack (included)
Capacity : 150 mAh

Part Identification

Drone



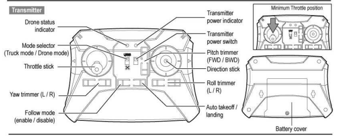
Caution: Protection ring only to be replaced by adult.

Caution: Spare rotor only to be replaced by adult.

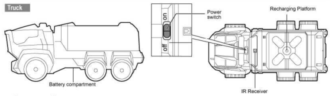
TIP:
Before operation, adjust the protective ring away from the rotor blade to make sure the rotor blade can run smoothly.

When replacing the rotor, please make sure the arrows on both Drone and rotor are in the same direction.

Transmitter



Truck



Silverlit® Silverlit SAS, 80 rue Barthelemy Danjou, 92100 Boulogne-Billancourt / France.
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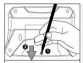
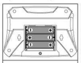
Battery Installation and Charging

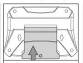
Transmitter Battery Installation (*Make sure the power switch is on "OFF" position.)



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



2. Insert 3 AA batteries in the battery compartment with correct polarity.

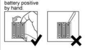


3. Close the battery compartment.

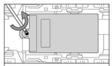
Warning !

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

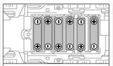
DO NOT remove or install batteries using sharp or metal tools.



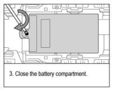
Truck Battery Installation (*Make sure the power switch is on "OFF" position.)



1. Open the battery compartment by loosening the screw.

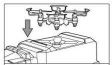


2. Insert 6 AA batteries in the battery compartment with correct polarity.

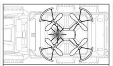


3. Close the battery compartment.

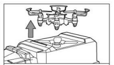
Charging Drone on the Truck



1. Switch on the Truck and place the Drone onto the Recharging Platform of the Truck

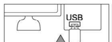


2. The charging process will begin automatically and the green LED on Drone will light up.

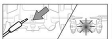


3. When the LED turns off, charging is completed. And you can start your flight control

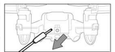
Charging Drone with USB Cable



1. Connect the USB cable to a USB socket.



2. Insert DC plug into the charging socket on the Drone. The charging process will begin automatically and the green LED on Drone will light up.



3. Unplug the charging plug when the LED turns off, charging is completed.

Note: 1. The Drone can operate for about 4- 5 minutes per every 25-40 minutes charging.
2. Before recharging the battery, wait 10 - 15 minutes for it to cool down.

Flying the Drone

Tip! Piloting hints

- For controlling the sticks on transmitter, try not to push the sticks immediately to any extreme positions. It should be like steering a bicycle rather than pressing computer game sticks.
- For the novice pilot (after the trimming procedure is completed), it is highly recommended to focus exclusively on learning to control the throttle stick first. If the Drone turns around by itself there is no need to keep it straight. For the first flight, it is important to learn to keep the Drone at a constant altitude of around 1 meter with very gentle inputs on the throttle stick. Once the pilot masters this, he may start learning to take control with the direction stick.

1. Procedure for PAIR / SYNC the Drone, Truck and Transmitter

2.4 GHz technology allows Drone and Truck to be controlled by one Transmitter without signal interference. A connection, PAIR / SYNC, must be made between the Drone, Truck and the Transmitter to function. Follow these steps to PAIR/SYNC the Drone, Truck and the Transmitter.

- Place the Drone on the Truck with the back point towards you and the head pointing away. Make sure the throttle stick is at the minimum position.
- Turn the Power Switch button to 'ON' position on the Drone, Truck and Transmitter, The LEDs of the Drone and Truck will gradually fade in and out (fig 1).
- When the LEDs become flash and the power indicator on Transmitter light up. Push the throttle stick to top then pull down to bottom (fig 2). The pair procedure is completed.

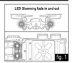


fig. 1

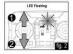


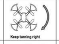
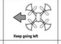
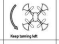
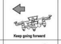
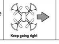
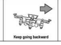
fig. 2

2. Flight environment

Choose the place which meets the following condition:
1. Indoor environment with calm air. Beware of the air circulation from the air-conditioner.
2. Caution: There must not be any dangerous objects (electric fan, air-conditioner, reading lamp, etc) on the flight path.

3. Trimming the Drone:

- Make sure the transmitter is in Drone mode.
- Gently push the throttle up or press the "Auto Takeoff / Landing" button to raise your Drone about 0.5 to 1 meter high.

- When your Drone keeps turning right, press left side trimmer to continually until it stops rolling.	 Keep turning right		- When your Drone keeps going left, press right side trimmer to continually until it stops rolling.	 Keep going left	
- When your Drone keeps turning left, press right side trimmer to continually until it stops rolling.	 Keep turning left		- When your Drone keeps going forward, press backward trimmer continually until it stops going forward.	 Keep going forward	
- When your Drone keeps going right, press left side trimmer to continually until it stops rolling.	 Keep going right		- When your Drone keeps going backward, press forward trimmer continually until it stops going backward.	 Keep going backward	

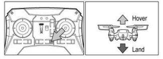
4. Flight control: The Drone

(i) Auto take-off & landing :

Press "Auto take off / landing" button, Drone flies up to a standard level and hover in the air.

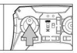
Press again "Auto take off / landing" button, Drone will land automatically.

Press & hold over 2 seconds for emergency stop.

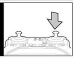


(ii) Auto to Manual control :

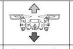
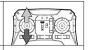
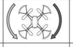
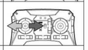
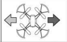
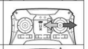
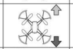
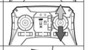
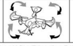
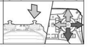
When Drone is hovering, slowly push the throttle stick up to certain level and the Drone will change to manual control automatically.



Note: The hovering level may vary at different ground color and material reflection. When ground color is dark and hovering low, press the direction stick once to raise the hovering level.



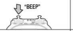
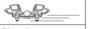
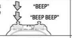
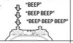
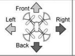
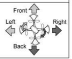
5. General Control:

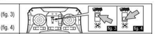
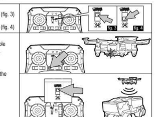
Hover up and down:		When the Drone flies steadily, slowly push the throttle stick up to make Drone fly higher, or lower the stick a bit to make Drone fly lower. Only small amounts of stick position change are required for smooth flying.	
Turn left and right:		Maintain the Drone at a certain height. Push the throttle stick toward left to turn the Drone anticlockwise, and push the throttle stick toward right to turn it clockwise.	
Flying sideways:		Maintain the Drone at a certain height. Push the direction stick left to fly the Drone sideways to the left. Push it right to fly the Drone sideways to the right.	
Forward and backward flight:		Maintain the Drone at a certain height. Push the direction stick upward to fly the Drone forward. Pull it downward to fly the Drone backward.	
360° Flip:		Keep the Drone flying smoothly in the air. Vertical press the direction stick once, now you can pull the direction stick to achieve front, back, left, right side flip. (Not available in Follow Me Mode)	

6. Lift-off Procedures (After Trimming Procedure):

- Slowly increase the throttle.
- Do not look at the transmitter but focus on the Drone.
- As soon as the Drone leaves the truck / floor, reduce the throttle slightly. (In the worst case, the Drone will go back to the floor, but that is better than crashing against the ceiling)
- Very gently increase the throttle if the Drone descends.
- Very gently reduce the throttle if the Drone ascends.
- For turning, give short and small inputs to the direction stick. (Most beginners will easily over control the Drone)
- For moving forward, turn the Drone pointing to more open space before pushing the stick forward.

7. Flying mode:

Beginner Mode:	Vertically press one time the throttle stick, you will hear a "BEEP" sound to indicating **Beginner Mode**.  "BEEP"	**Beginner mode** (defaulted) : Lower speed (for beginners). 
Advanced mode:	Vertically press the throttle stick twice to enter **Advanced Mode** after hears a "BEEP BEEP" sound.  "BEEP" "BEEP BEEP"	**Advanced mode** : Higher speed.
Headless mode:	Enter the **Headless Mode** after you vertically press three time the throttle and hear "BEEP BEEP BEEP" sound.  "BEEP" "BEEP BEEP" "BEEP BEEP BEEP"	**Headless mode** : The four directions of the Drone will keep the same right after enter Headless mode.
	(i) The four directions (front, left, right, back) will be set, after the Drone entered the Headless mode  Front Left Right Back	(ii) After rotating the Drone, the 4 directions will be kept the same.  Front Left Right Back

Truck Mode: **Drone Mode:**	- Switch Mode selector to 🚚 to enter Truck Mode (fig. 3) - Switch Mode selector to ✣ to enter Drone Mode (fig. 4)	 fig. 3 fig. 4
Follow Mode:	Press the "Follow mode" button on transmitter to enable following mode, a blue LED on the Drone will light up. (i) Takeoff the Drone and hovering above the Truck (ii) Switch to Truck mode on the transmitter and drive the Truck. (iii) The Drone will hover above the Truck and start following	

Tip! DRONE FOLLOWING THE TRUCK

- If the Drone fly too far away from the Truck, it will hovering in the air
- Drive the Truck towards the Drone and stay close, the Drone will continue following the Truck
- Press the "Follow mode" button once more to disable following mode, the LED on the Drone will turn off.

8. Driving Control: The Truck

- Set the power switch on transmitter and truck to ON.
- Set the mode selector on transmitter to "Truck" mode.
- Steer the truck by adjusting the control stick of transmitter in different combinations to perform different action.

Direction stick	Action (Direction stick only)	Action(Direction stick + Throttle stick)
⇧	↑ ***Forward*** *(Low Speed)*	↑ ***Forward*** *(Speed Up)*
⇩	↓ ***Backward*** *(Low Speed)*	↓ ***Backward*** *(Speed Up)*
⬉	↰ ***Forward left*** *(Low Speed)*	↰ ***Forward left*** *(Speed Up)*
⬈	↱ ***Forward right*** *(Low Speed)*	↱ ***Forward right*** *(Speed Up)*
⬋	↲ ***Backward left*** *(Low Speed)*	↲ ***Backward left*** *(Speed Up)*
⬊	↳ ***Backward right*** *(Low Speed)*	↳ ***Backward right*** *(Speed Up)*

Tip! DRIVING THE TRUCK

- The acceleration varies at different stick position.
- The turning speed and radius may vary at different stick position combination.
- Operate the truck on flat, smooth (not slippery) and dry surfaces and low pile carpet. Hair, carpet or dirt can affect the truck's operation.
- Don't drive the truck on sand or through water or snow. If it gets wet, wipe it with a towel and allow it to dry completely.

Troubleshooting

Symptom	Cause	Correction
The Drone does not response.	- The Drone and/ or the transmitter is switch off ("OFF"). - The battery of the Drone is weak.	- Set the power switch to "ON" - Recharge the battery of the Drone.
The Drone does not react, or react poorly to operation by transmitter. The truck does not response. The transmitter generate a long "BEEP" sound.	- PAIRING / SYNC Procedure is not yet completed or done. - The truck and/or the transmitter is switched off.	- Repeat the PAIR/SYNC procedure again. - Set the power switch to "on".
The Drone suddenly stops and drops down when flying.	- The battery of the Drone is weak.	- Recharge the battery of the Drone
Loss of control (Truck / Drone).	- Another radio control device using the same frequency and channel is operated near your Truck / Drone. - Out of the control distance.	- Move to another place where without radio frequency interference from another device. - The control range for the Drone and the Truck is up to 20 meters.

Drone Mission™

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