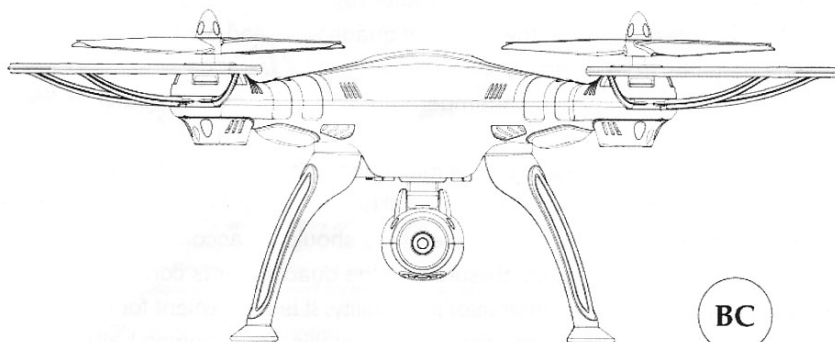


GPS GYROSCOPE 2.4G EXPLORERS

4CH 2.4G REMOTE CONTROL QUADCOPTER



3

INSTRUCTION MANUAL

Main characteristics

- Ultra remote control distance 350-400M, allowing you to experience the fun of flying.
- A key to take off, a key landing: press a key to take off after direct flight.
- No electricity automatic return: near the aircraft to fly back to the battery automatically when the take-off point. (no matter how the vehicle is operating, it will fly back to the take off point)
- Fixed height: can be fixed to the altitude of the aircraft you need.
- GPS: global positioning system, allowing your aircraft to hover in the air will not move, easier to control.
- One key back: return via GPS, allows you to fly back to the location of aircraft take-off aircraft. (GPS signal strength points will be biased)
- Four-axis structure is applied, which makes the quadcopter more flexible and rapid when flying. It has the characteristics of wind-resistant and can be flown indoor or outdoor.
- Built-in 6 axis gyroscope for precise hovering in the sky.
- Modular design structure is applied, more simple for assembly and convenient for maintenance.
- Newly-increased headless function can recall the aircraft easily.

The materials and specification mentioned in this instruction manual or the parts inside this package is for reference only. Our company won't be responsible for any adaption of the outer package. Nor shall we keep our customers informed in advance. Any information updates or changes

Safety regulations

1. Please put smaller parts of the quadcopter in the place where children can't reach, avoiding from accidents.
2. Power of this quadcopter is adequate. Therefore, when flying for the first time, it should push remote control's right/left variable-speed joystick slowly, avoiding from collisions caused by rising quadcopter rapidly.
3. After flying, please turn off the power of quadcopter and controller, also take out the batteries from controller.
4. Please don't put battery in high-temperature and heated places(such as fire or nearby electric heating devices).
5. When the quadcopter flies, it should maintain 2-3 meters from the user or others, avoiding from crashing into others' head, face or body when it lands.
6. When children operate the quadcopter, they should be accompanied with the adult and guided by the adult. Ensure that the quadcopter is controlled within the range of operator's (or instructor's) visibility. It is convenient for controlling.
7. Non-rechargeable battery can't charge. As installing or changing battery, please pay attention to the polarity. Don't use a mixture of old and new battery or battery with different types.
8. When it isn't used, it should turn off power supply of remote controller and quadcopter, respectively, and take out the battery in remote controller.
9. Power supply terminal can't be short circuit.

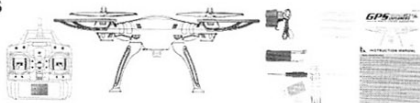
Maintenance

1. Use clean soft cloth to clean this product frequently.
2. Avoid from exposure or heating in the sun.
3. Don't put the toy in the water. Otherwise, it'll damage electronic parts.
4. Please check the plug and other accessories at regular intervals. If there is any damage, please stop using it immediately until it is repaired completely.

Contents

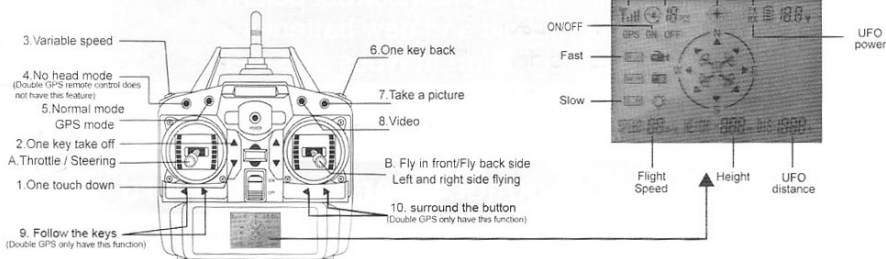
Product included following contents:

- | | | |
|--------------------------|--------------------|----------|
| • Quadcopter | • Battery | |
| • 2.4G Remote controller | • Four riggers | • Camera |
| • Charge box | • Four foot stands | |
| • Instruction manual | • Blade lockstitch | |
| • Screwdriver | • Iron shaft | |
| • Blade(4 pieces) | • Screw(24) | |



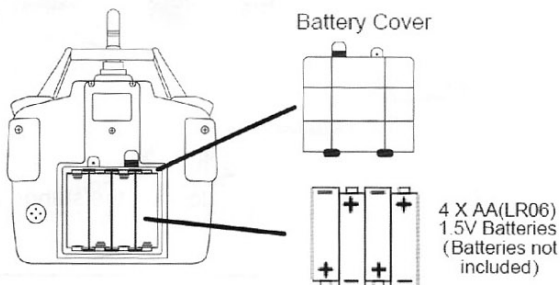
Get to know your transmitter

Introduction of transmitter:



1. Press this button and the vehicle will slow down from the air to the ground.
 2. After pressing this button, the aircraft will fly to the height of 1M.
 3. When the aircraft flight speed conversion, a sound / 2 two.
 4. Press this button after the remote control has been drops, drops of voice, no matter what direction the aircraft will fly in the direction before and after take-off control flight, cancel the re-press this key.
 5. Normal mode-GPS mode, the aircraft start the default GPS mode. Note: If you switch back to normal mode and then return to GPS mode, the aircraft landing site will be converted to GPS after landing.
 6. Press this button when the remote control will be repeated long tone, the aircraft will be a minimum height of about 10 meters to return to the take-off point. Such as just take off the number of satellites is less search will be a little deviation, with the long flight time to search for a large number of satellites. The second takeoff will be more accurate.
 7. Press the button The camera will take a picture, as in the video process, press the button does not respond.
 8. Press this button to start the recording of the aircraft's camera and save it when the recording is turned off. (Note: If you press the video does not turn off the video on the broken power will cause the loss of video.)
 9. Follow: two buttons common. Press the button to follow the function to open, the UFO head will turn to the remote control, then you just hand holding the remote control (do not control the remote control) forward, back, left, right walk. UFO will also make the appropriate action. To turn off this function, press the key or to control the front and rear and left and right side joysticks. Note: follow the action will be flying in the flying saucer more than 4M height. Flying distance off, UFO no electricity when it will slow down in the air, will not return to the takeoff location. If the flying process is closed, follow the function of the flying saucer that will return to the off near the functional location when there is no electricity.
 10. The two buttons are common, press the button around the function to open, the UFO head will turn to the remote control, then you just holding the remote control "do not control the remote control", the flying saucer will be hovering height for the plane remote control distance radius Circle. To turn off this function, press the key or to control the front and rear and left and right side joysticks. Note: Surround action is required to fly wide and accessible.
- A. Throttle + Steering, Throttle Joystick.
B. before and after the + left and right side of the fly, universal joystick

Note: This aircraft must be in the building from the distance of more than 15M flight, otherwise it will cause the GPS signal instability, return location is not accurate.



Installation methods of battery: Open back battery cover of remote control, and put 4 No.5 alkaline batteries in the middle place correctly, according to battery box's pole indication (battery should be available separately).



1. Install batteries with correct polarity.
2. Do not mix old and new batteries.
3. Do not mix different types of batteries.

Installation steps of quadcopter's safety guard



Figure (1)

1. Pull out decorating parts as shown in Figure (1).

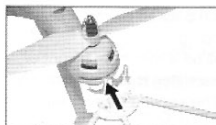


Figure (2)

2. Press down decorating parts as shown in Figure (2) and insert blade protective frame into fuselage interface.

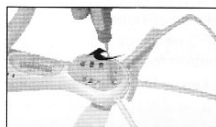


Figure (3)

3. Twist two screws of every parts as shown in Figure (3).

Installation steps of quadcopter's stands

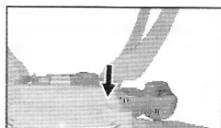


Figure (1)

1. Insert stands into the quadcopter body as figure(1).



Figure (2)

2. Twist the wide screws to locking the stands as figure(2).

Install camera

Installation steps of Camera and PFV camera:



Figure (1)



Figure (2)

1. Push the camera and tight it as figure (1).
2. Connect the camera power line into the socket on quadcopter body as figure (2).

Disassembly steps of Camera and PFV camera:



Figure (3)



Figure (4)



Figure (5)

1. Pull out power supply cable of the camera as shown in Figure (3).
2. Press down safe lock of lower main body as shown in Figure (4).
3. Push forward the camera and take it out as shown in Figure (5).

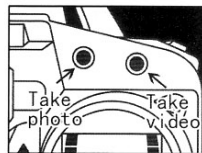
Note: After turning on quadcopter's power supply, it forbids to insert or pull out the camera's plug connecting to the aircraft.

Photography/Video instructions

1. Methods: ① Make sure the power line of camera is inserted to the quadcopter.
② Turn the quadcopter power on, the camera works normally when the RED indicator change form flashing to green and keep light on. If the RED indicator just light on and light off seconds later, it means the SD card is not in the camera. Please insert the MEMORY card, than the indicator light on GREEN. (Please insert the card at shutdown)

2. Get to know take photo and video:

- ① Turn on the transmitter and pull left lever up and down to connect signal between quadcopter and transmitter.
- ② Take Photo : Make sure camera normally work, when push the button "C" up, camera will take a photo after a beep from transmitter and the GREEN indicator on camera will be RED and flash on time.



Take Video : Make sure camera normally work , when pull the button "C" down ,camera starts to take video after a beep from transmitter and the GREEN indicator on camera will change to RED than keep flashing. Press the button "C" slightly again , another beep from transmitter means video stopped and the RED flashing light on camera will be GREEN and keep light on.

FPV Aerial shooting function: (If the product does not have MEMORY card, please ignore this function)

1. Methods: ① Plug the connector of him and F PV camera into the socket of the aircraft.
② When the FPV camera is turned on, the FPV camera will work normally if the blue and red LEDs are blinking. Indicates that no MEMORY card is inserted in the camera. (Please insert the card when the machine is turned off.)
③ Open the video, you can see the video on the FPV camera real-time transmission scenarios. (The screen distance is about 100M-150M, please fixed the display on the remote control).

2. Get to know take photo and video:

When the FPV camera is connected to the display successfully, you can choose to take pictures or videos to capture the beauty you see.

- ① Take photo: Press the camera button remote control, remote control beep, FPV camera red lights flash once to indicate the completion of photographs (Press the key did not respond when recording)
- ② Take video: Press the remote control video key, the remote control beeps, the PFV camera's red light continuously blinks, indicating that the video is being recorded, press it again, the red light green long to indicate the end of recording.

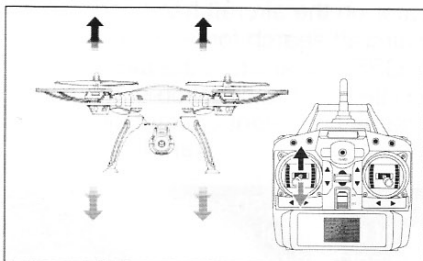
3. WIFI function description: ① scan the specification of the two-dimensional code, download and install APP.

- ② Enter the settings, open the WIFI option, find the WIFI hotspot name in the WIFI and connect, connect to the desktop after the success of the installation, open the installation of the APP, enter the program.
- ③ Please refer to the operating instructions inside APP.

Aircraft Operation Guidance

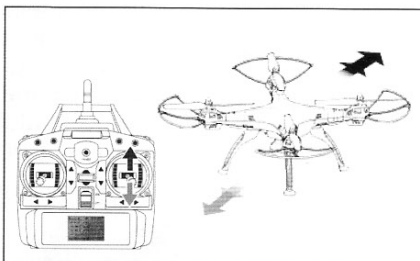
Operating direction

Hover up and down



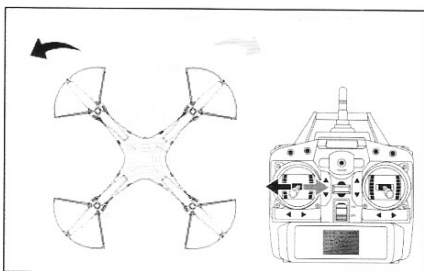
Push the throttle up or down, the quadcopter flies upward or downward.

Forward and backward



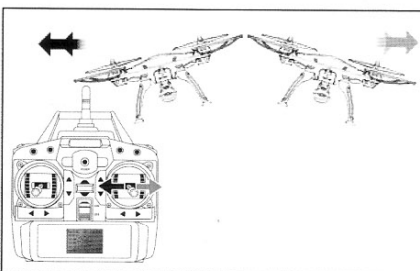
Push the direction lever up or down, the quadcopter flies forward or backward.

Turn Left and Right



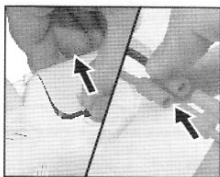
quadcopter turns to left or right.

Sideward fly

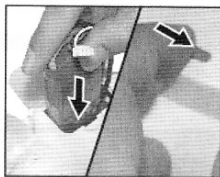


quadcopter flies to left side or right side.

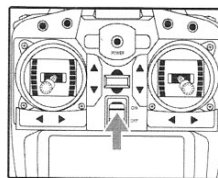
Ready to fly your quadcopter



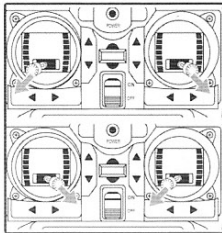
1. Open battery cover, and connect battery connector with dash receiver.



2. Enclose battery into the fuselage, after closing battery cover, turn on the switch on the bottom of aircraft.



3. Open the remote control power switch, after the code on the drop soon. (10 seconds after the aircraft is open to the remote control on the code, or will not on the code)



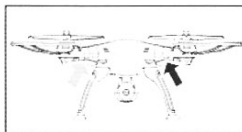
4. When the indicator on the aircraft has flash into a slow flash, let the aircraft search for GPS signals. Search for a good GPS signal when the aircraft lights are lit, then the throttle with the direction of the control lever down at the same time eight or eight side down to unlock the inside, the motor can start flying.

Note: GPS search time is about 50 seconds, the search time because of the signal environment, such as GPS flight can not be directly after the aircraft to take off.

Function introduction

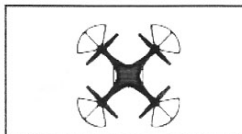
1.Low-voltage protection:

If four indicator lights in the bottom of aircraft start to twinkle, it means that the aircraft is short of electricity. The aircraft automatically fly back near the take-off point. (At this point, no matter how you manipulate the aircraft to the long-range flight, it always automatically fly back). At that time, a return voyage shall immediately be made to the aircraft



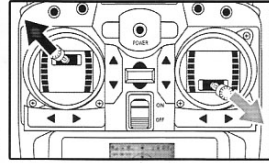
2.Over-current protection:

In the condition of rotating aircraft's fan blade, when being crashed or stuck, aircraft's circuit will conduct over-current protection. (When the fuselage tilted to 90 ° the aircraft will emergency stop. Need to restart the power before)



3. Gyro correction function:

The aircraft first boot on the frequency, the last, while playing the throttle to the upper left corner of the potentiometer rocker to play, universal potentiometer rocker to the lower right corner to play, after 5 seconds on the plane flashing lights and then release the rocker light to slow flash , Indicating that the gyro calibration is complete. At this point you can search for a good GPS signal can be controlled after the aircraft unlock take-off. Such as GPS signals can be directly unlocked without taking off.

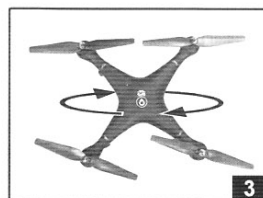
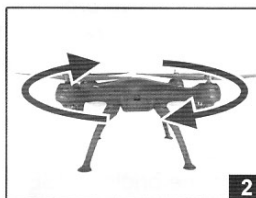
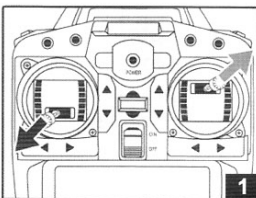


Note: Gyro calibration is the aircraft after a fall off the aircraft or take off after the transport bumps, electronic components deviation of the first flight only when this step, usually do not.

4. Geomagnetism correction:

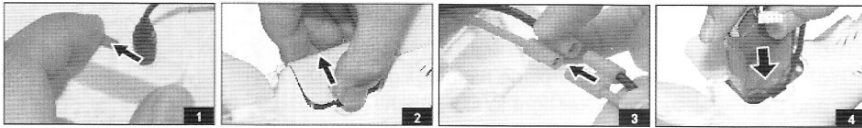
The aircraft first boot on the frequency, on the back, while playing the throttle to the lower left corner of the potentiometer rocker to play, universal potentiometer rocker to the upper right corner to play<1>, 5-9 seconds after the aircraft flashing lights, aircraft flash, the aircraft Turn clockwise 3 laps <as shown in Figure <2>, turn the plane clockwise turn around 3 <3>, go to the lights as normal, indicating the compass is completed. At this point you can search for a good GPS signal can be controlled after the aircraft unlock take-off. Such as GPS signals can be directly unlocked without taking off.

NOTE: Geomagnetism correction is the geographical deviation of the aircraft after receiving a receiver plate or a transport protrusion after takeoff, caused by the flight angle of latitude and longitude, when the first flight only needs this step, usually do not.



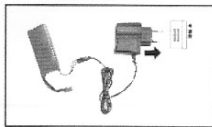
Battery replacement and charging method

Steps of battery replacement:



1. Turn off aircraft's power supply, and push the switch to "OFF".
2. Open aircraft's battery cover backward.
3. Connect battery interface with dash receiver.
4. After battery replacement, fasten the battery cover again.

Steps of battery charge:



Connect charger to power supply socket.

Balanced charger:

1. Insert the battery into the charger, the charger's lamp from green to red to start charging.

(Charging time is less than 200 minutes)

Note: if power battery inserts into the charger, the light has no change. It indicates that this battery is full energy. There is no need to recharge.

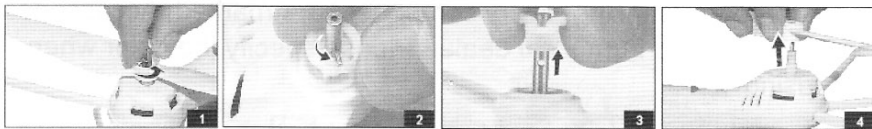
Charging time: about 200 minutes Flying time: about 7 minutes!

Cautions when charging:

1. When charging, please put this product on a dried or ventilated area and keep it far away from heat source or explosive product.
2. When charging, please remove the batteries from the quadcopter. Then charging process should be supervised by an adult so as not to cause an accident.
3. When finish flying, please do not charge the battery if the surface temperature is still not cool. Otherwise it may cause a swollen battery or even a fire hazard.
4. Please make sure that you use the original USB charging cable provided. When the battery has been used for a long time, or appears to be swollen, please replace them.
5. A battery when not in use for a long time will lose its charge automatically. Charging or discharging too often may reduce the life of the battery.

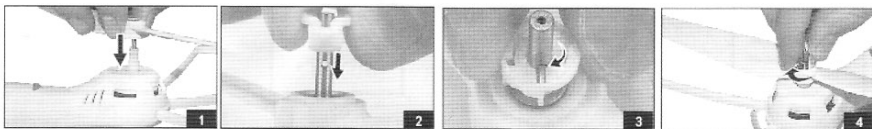
Steps of fan blade's installation/disassembly of aircraft

Steps of fan blade's disassembly:



1. Rotate and back out fan blade cover in anti-clockwise direction as shown in Figure (1) .
2. Rotate blade lockstitch for about 90° in the anti-clockwise as figure(2) till the iron shaft point to the opening of blade lockstitch.
3. Get iron shaft out and pull blade lockstitch upward as figure (3) shows.
4. Pull out fan blade upward as shown in Figure (4).

Installation steps of fan blade:



1. Insert fan blade into principal axis pipe as shown in Figure (1)
2. Install the blade lockstitch inside the quill as figure (2) shows to ensure that the gap of blade lockstitch aligns at the hole on the quill.
3. Install the iron shaft inside and rotate blade lockstitch for about ninety degrees in the clockwise direction shown in figure (3).
4. Rotate and twist fan blade cover in clockwise direction as shown in Figure (4).

Maintenance procedure

Problems	Causes	Solutions
Aircraft has no response	<ol style="list-style-type: none">1. Aircraft enters into low-voltage protection.2. Electric quantity of remote control is insufficient, power indicator light will flicker.3. Channel selection of remote control is inconsistent with aircraft's match codes.	<ol style="list-style-type: none">1. Charge the aircraft.2. Change remote control's battery.3. Adjust channels of remote control and aircraft, and make them become consistent.
Aircraft's flying response is insensitive	<ol style="list-style-type: none">1. The remote-control unit suffers low battery or the quality of battery is not good enough.2. Remote control with the same frequency is transmitting interference.	<ol style="list-style-type: none">1. Change battery with better quality.2. Change the place where has no transmitting interference of the same frequency.

Spare parts

Here are alternative accessories. In order to provide convenience for customer purchasing, every component are marked. Accessories can be purchased from local dealer. Please specify the color when purchasing.



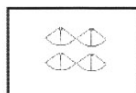
01
Upper body



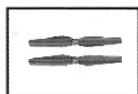
02
Lower body



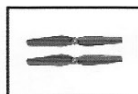
03
Landing skids



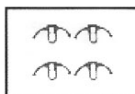
04
Protecting frames



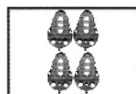
05
Rotating blades



06
Reversing blades



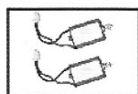
07
Ornament part



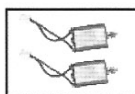
08
Motor holder



09
Cear



10
Motor A



11
Motor B



12
Main stand



13
Blade cover



14
Blade lockstitch



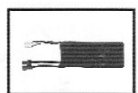
15
Base of Dash
Receiver



16
Battery cover



17
Receiver board



18
Battery



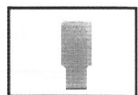
19
A/B adaptor &
charge box



20
Lampshades



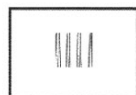
21
Transmitter



22
Reader
(Need to purchase)

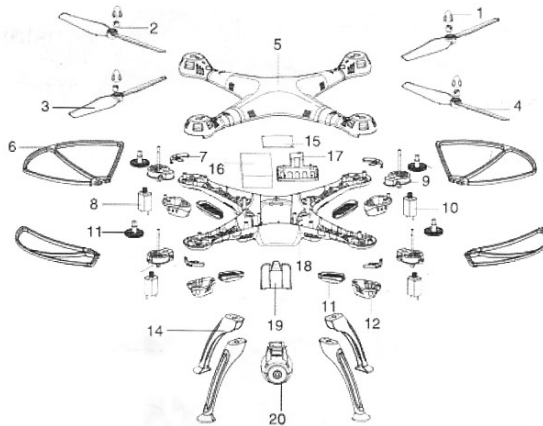


23
Camera
(Need to purchase)



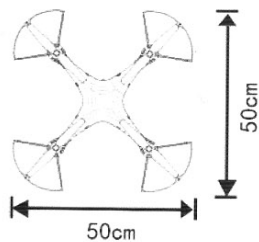
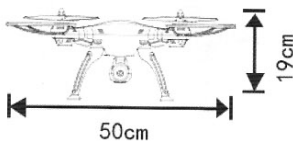
24
Iron shaft

Brerdown&Diagram



Code	Description	Quantity	Code	Description	Quantity	Code	Description	Quantity
1	Blade cover	4	8	Cear	4	15	Receiver board	1
2	Blade lockstitch	4	9	Main stand	4	16	Battery	1
3	Reversing blades	2	10	Reversing motor	2	17	Base of Dash Receiver	1
4	Rotating blades	2	11	Rotating motor	2	18	Lower body	1
5	Upper body	1	12	Motor cover	4	19	Battery cover	1
6	Protecting frames	4	13	Light boards	4	20	Camera	1
7	Ornament part	4	14	Landing skids	4			

Main parameter



Length of fuselage:50cm Width of fuselage:50cm Height of fuselage:19cm

Download and install APP

Users should scan the 2D code to download the installation or open the application store (APP Store)



search

FYD-FPV camera.



SPECIFICATIONS AND COLORS OF CONTENTS MAY VARY FROM PHOTO.

The company has the right of final interpretation
of this instruction manual statement.