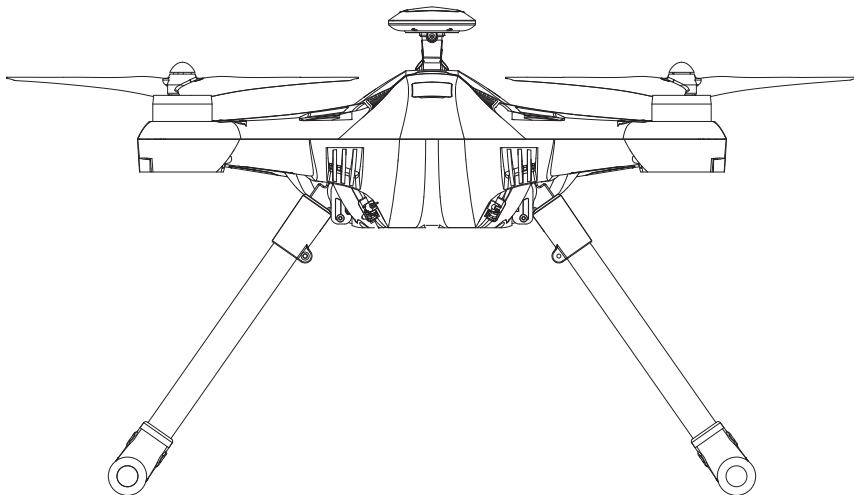# deVention

Scout X4 PRO

Match with DEVO F12E Radio

Quick Start Guide and Systems Flowchart

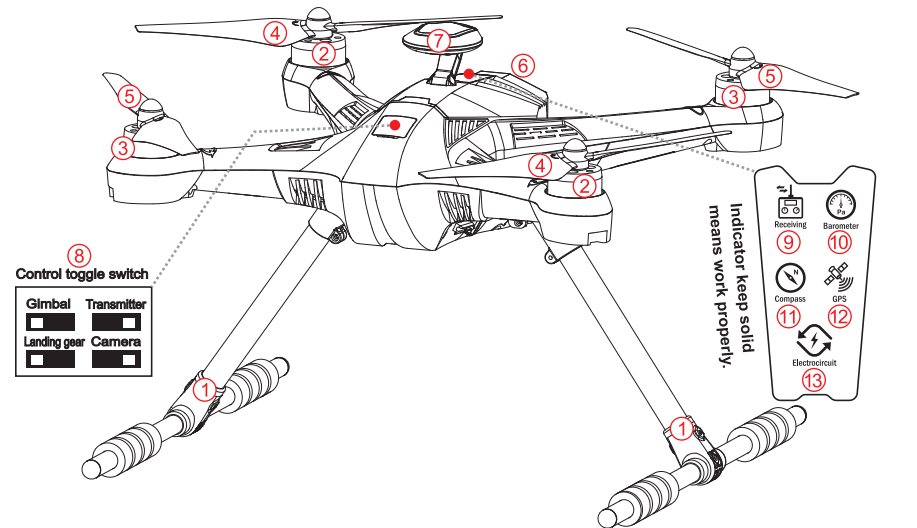**Scout X4 PRO**

Contents

1.0 Preparation before flying

1.1 Get to know your aircraft

● Adopting Modular Design, easy to install and connect.

● A new generation flight control system built-in, more stable and reliable.

● Adopting indicator on detection of GPS, Compass, barometer and other parts, observation more intuitive.

Control toggle switch

| Gimbal | Transmitter |
| Landing gear | Camera |

Indicator keep solid means work properly.

Receiving Barometer
Compass GPS
Electrocircuit

Travel Mode

Landing Mode

1. Skid landing

2. Clockwise motor
   (levogyrate thread is counterclockwise)

3. Counterclockwise motor
   (dextrogyrate thread is clockwise)

4. Clockwise propeller (white cap)

5. Counterclockwise propeller(black cap)

6. Battery: 22.2V 5400mAh 10C(6S) LiPo

7. GPS module

8. Control toggle switch

9. Receiving detecting LED

10. Barometer detecting LED

11. Compass detecting LED

12. GPS detecting LED

13. Electrocircuit detecting LED

*The USB and UART ports are only purpose to upgrade software and debug by the manufacture.

Scout **X4** PRO

## 1.2 Get to know your DEVO F12E Radio (black version)

It's convenient to receive aerial images. It's very easy to control with Auto Takeoff, One key Return To Home, camera/Gimbal/Landing gear control switches.

Mode 2 (Throttle stick on the left)	Left stick	THRO/RUDD stick
	Right stick	ELEV/AILE stick
	Left trim	THRO trim
	Right trim	ELEV trim
Mode 1 (Throttle stick on the right)	Left stick	ELEV/RUDD stick
	Right stick	THRO/AILE stick
	Left trim	ELEV trim
	Right trim	THRO trim

(0) Manual Mode	(1) GPS-hold Mode	(2) Return TO Home
MIX Switch to "0"	MIX Switch to "1"	MIX Switch to "2"

1. 2.4G TX antenna

2. RUDD D/R - AUTO Takeoff switch

3. GEAR - Landing Gear Retract Switch and Deploy landing gear

4. ELEV D/R - IOC control switch Inteligent Orientation Control

5. AUX5 - Gimbal ROLL control

6. Left trim

7. Left stick

8. RUDD trim

9. UP key

10. DN key

11. EXT key

12. FMOD - Round flight mode

13. MIX(Control Mode Switch)

14. AILE D/R - Camera Start/Stop

15. AUX6 - Gimbal pitch control

16. Right stick

17. Right trim

18. AILE trim
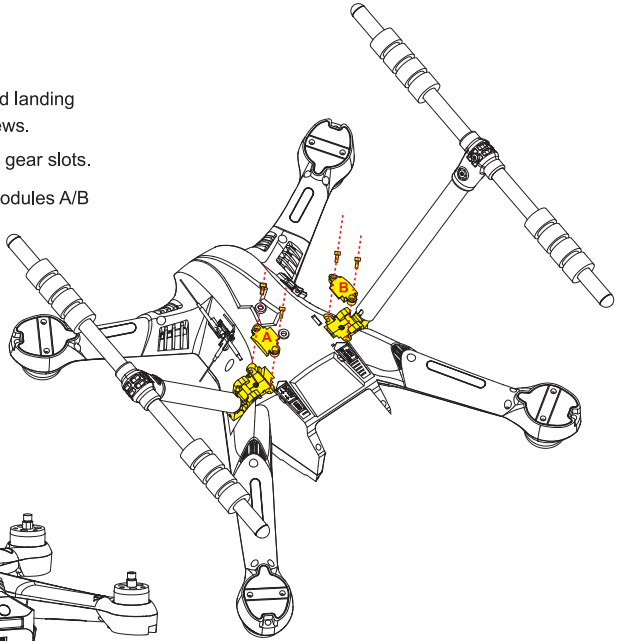
19. R key

20. L key

21. ENT key

22. Power switch
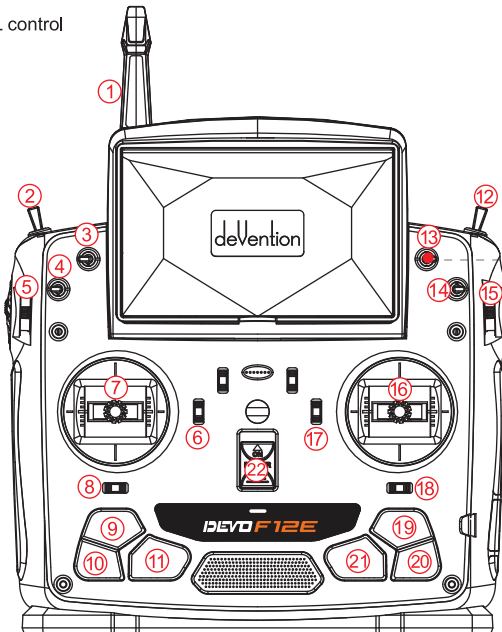
***Please refer to DEVO F12E manual**

1.3 Assemble

● Install the Landing gear

① Unpack the 2 landing gears, skid landing
modules A/B, and M2.5x20 screws.

② Place the landing gears into the gear slots.

③ Screw down the landing gear modules A/B
with the M2.5x20 screws.

● Battery installation

Put the battery into the aircraft.

Clockwise
propeller(**white cap**)

Aircraft nose

Counterclockwise
propeller(**black cap**)
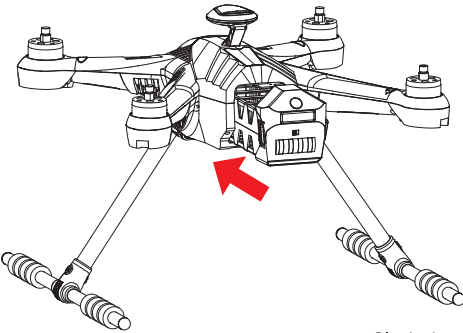
● Propeller installation

Install the clockwise propellers(white cap) on
clockwise motors(levogyrate thread is
counterclockwise) in counterclockwise direction,
while install the counterclockwise propellers
(black cap) on counterclockwise motors
(dextrogyrate thread is clockwise) in clockwise
direction, then Make sure the propellers are
installed correctly and firmly.

Counterclockwise
propeller(**black cap**)

Clockwise
propeller(**white cap**)

Scout X4 PRO
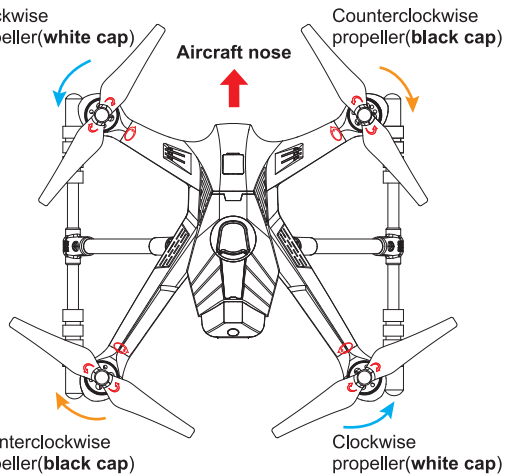
1.4 Learn how to fly safely

(1) This product is suitable for people who has flight experience of hobby model and ages 14 +.

(2) Do not fly in bad weather, such as windy, snowy, foggy etc..

(3) Select the open, no-tall-buildings area. Extensive use of steel buildings will affect the compass work, blocking the GPS signal, causing worse on the aircraft positioning or even not able to locate.

(4) Please keep away from highly spining parts(such as propellers and motors).

(5) Please keep away from obstacles, people, water and so on.

(6) Do not fly it in where there is high-voltage lines, communication base stations or radio towers, in order to avoid signal interference.

(7) Don't fly in no-fly zone according to the local laws and regulations.

(8) Flight performance will be effected with environment when you fly it with altitude of 4500 meters, as the battery and gravity system will be influenced.

1.5 Specifications

Main Rotor Dia.: 233mm

Overall (L x W x H): 335 x 335 x 275mm

Weight: 1770g (Battery included)

Takeoff Weight: <2270g

Transmitter: DEVO F12E (black Version)

Receiver/Main Controller: FCS-RX703(FCC)/FCS-RX704(CE)

Brushless Motor: WK-WS-34-002

Brushless ESC: Scout X4 Pro(R/G)

Battery: 22.2V 5400mAh 10C(6S) LiPo

2.4G Datalink: BT-2405A(FCC) & BT-2401B(FCC) / BT-2406A(CE) & BT-2402B(CE) - Android system
                        BT-2405A(FCC) & BT-2403B(FCC) / BT-2406A(CE) & BT-2404B(CE) - Apple IOS system

Flight Time: 25mins without load and 20mins with camera and gimbal

Working temperature: -10℃~ +40℃

2.0 Ready for flight

The Landing gear is shipped in the retracted position, DO NOT try to extend the landing gear by pulling on it. We will deploy the landing-gear the first time the system is powered, please follow these instructions carefully. (ps:please pick up the aircraft before power on).
Refer to "2.1 Binding of the Scout X4 PRO"

Hold the aircraft up

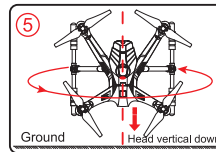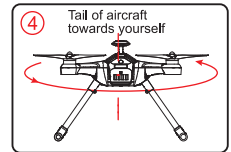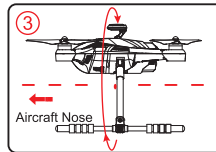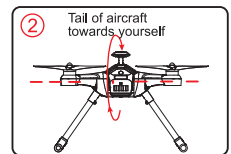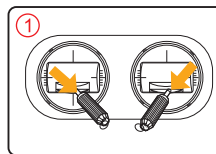## 2.1 Binding of the Scout X4 PRO

① **Move all switches to the 0 position, and all trims/knobs to the Middle position,** move the throttle to the lowest position, then turn on the radio.

② Turn the power switch to "ON", then press the power button for 3-5 seconds until the green power indicator lights up.

③ Within approx. 40 sec. the red LED light will stop flashing indicating that the code binding has finished.

Power button
LED light
OFF ON
Power switch
Power indicator

① ② ③
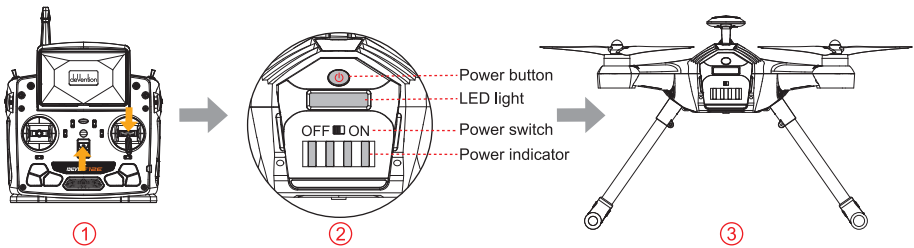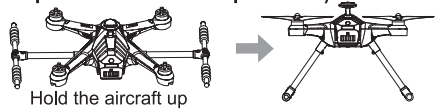
2.2 Compass Calibration

IMPORTANT: Make sure all TRIMs are in the center position, the trim value should be "0", and the motors are locked. The aircraft should NOT be flashing RED. By default, the motors will automatically be locked after the ID binding process. For more details about locking and unlocking motors, see points (2.4).

① Enter the calibration mode Do this by moving both sticks DOWN and to the middle position at the same time. The aircraft will start a blinking fast RED.

② FORWARD rotation. Smoothly rotate the aircraft forward in 90 degree increments, pausing for 1 second every 90 deg. (0 / 90 / 180 / 270 / 360)

③ CLOCKWISE rotation. Rotate the aircraft around the roll axis smoothly in 90 deg increments. Pausing 1 second for each 90 deg. (0 / 90 / 180 / 270 / 360)

④ HORIZONTAL rotation. Rotate the aircraft around the YAW axis smoothly in 90 deg increments. Pausing 1 second for each 90 deg. (0 / 90 / 180 / 270 / 360)

⑤ NOSE DOWN rotation. Rotate the aircraft facing the nose down. rotate smoothly in 90 deg increments. Pausing 1 second for each 90 deg. (0 / 90 / 180 / 270 / 360)

⑥ Place the aircraft in normal position. The rapid RED blinking will stop. This indicates that the calibration is finished. Disconnect the battery to save the settings.

① ② Tail of aircraft towards yourself

③ Aircraft Nose ④ Tail of aircraft towards yourself

⑤ Ground / Head vertical down ⑥ the red LED light to stop flashing

2.3 GPS indicator lights

GPS Satellites	<6	6	7	8	9	10	11	12	13
The blue LED status	No blinking	Blinking once	Blinking 2 times	Blinking 3 times	Blinking 4 times	Blinking 5 times	Blinking 6 times	Blinking 7 times	Blinking 8 times

IMPORTANT: For SAFE flight in GPS flight mode:
The BLUE indicator light should at least "double" blink, (two blinks at a time).
It is highly recommended that you wait for "triple blink" 8 statelites before starting the flight.
NEVER attempt to AUTO-START with less than "triple blinks"

2.4 Motor Unlock / Lock

● Motor Unlock

After binding the DEVO F12E to the Scout X4 PRO, Check that all trims are neutral, the throttle stick is
ALL the way Down with the display indicating 0% throttle. Check that ALL switches are in the UP position.
Note: that you can start the motors in the Manual Mode or the GPS-HOLD MODE.
Gently push the throttle stick down and move the rudder (YAW) stick to the left side.
(on mode 2 radios throttle and rudder is the same stick)
You will see the RED indicator LED turn on, indicating that motors are unlocked.
Be very careful at this point, as pushing the thottle up will start the motors. You can test by pushing the stick up
a little, the motors should start. For your safety, the motors will dis-arm again after 10seconds.
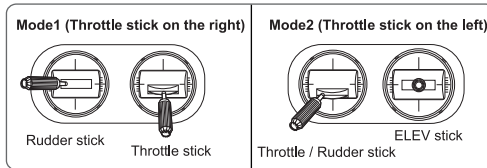
● Motor Lock

Lock the motors by moving the throttle stick all the way down and the rudder (YAW) stick all the way to the right.
The RED LED light will go out when the motors are disarmed.
TEST: push the throttle stick up a little, the motors will not start when locked.
NOTICE:
* The motors are LOCKED by default after successful binding.
* Motors can be unlocked or locked in GPS-hold mode.
 if you land in GPS mode, move the "MIX" switch to position "0" or position "1"
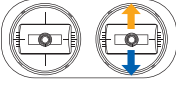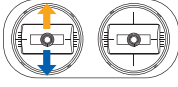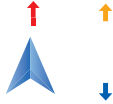 **before locking the motors, make sure you wait until the Scout X4 PRO is safely**
 on the ground before changing the switch to "0" (manual) while changing, make sure to keep the
 throttle DOWN to prevent motors from starting.
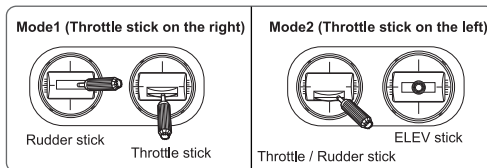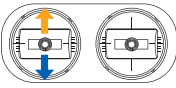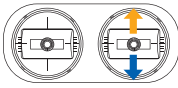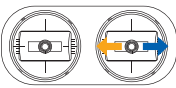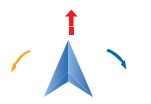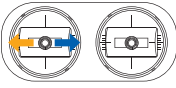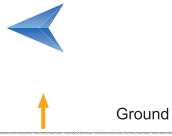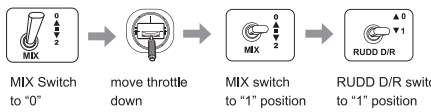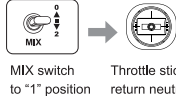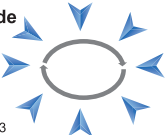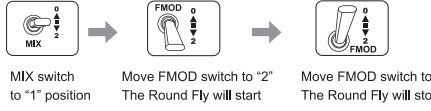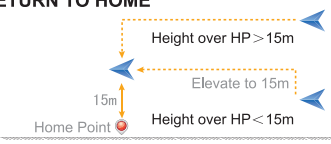
2.5 Operation Instruction

Model (← is the nose direction)	Mode1 (Throttle stick on the right)	Mode2 (Throttle stick on the left)
THROTTLE Up/down		
PITCH Forward/backward		
ROLL (lean) Left / right		
YAW (turn) Left / right		

AUTO TakeOff

You should have triple blink = 8sats for this feature.

Ground

MIX Switch to "0" → move throttle down → MIX switch to "1" position → RUDD D/R switch to "1" position

GPS hold mode

In this mode, maneuver by moving the controls, and simply let go of the controls and the Scout X4 PRO will hold its position. NOTE: You must CENTER the throttle stick for altitude hold

Ground

MIX switch to "1" position → Throttle stick return neutral

DO NOT switch to manual before landing. It is safer to land in GPS hold mode, then swtich to manual AFTER landing to lock motors

ROUND FLY mode

This mode is used for making circles around an object of interest. RADIUS is set in the F12E menu by adjusting Position 2 value for AUX3

MIX switch to "1" position → Move FMOD switch to "2" The Round Fly will start → Move FMOD switch to "0" The Round Fly will stop

RETURN TO HOME

Height over HP＞15m

Elevate to 15m

15m

Home Point Height over HP＜15m

Throttle stick neutral → MIX switch to "2" position

You can stop RTH by switching to GPS hold. MAKE SURE the throttle stick is set to 50% when switching. NEVER switch to MANUAL from RTH, this can cause a crash.

a. If the flight altitude is higher than 15m, the aircraft will keep the current altitude and return above the Home Point then descend vertically.

b. When the flight altitude is lower than 15m, the aircraft will elevate automatically to 15m then fly back above the Home Point and land vertically.

Scout X4 PRO

2.6 DEVO F12E Radio(black Version) function setup and operation instructions

Function	Switch	Transmitter setting	Instructions
AUTO TakeOff	**RUDD D/R**	Model Menu ↓ Device Output ↓ Flap ↓ RUDD D/R ↓ Active	Place aircraft on level ground ⟶ Unlock Motors ⟶ Move throttle stick to lowest position Set MIX switch to "1" Position ⟶ Set RUDD D/R switch to "1" Position **IMPORTANT:** ONLY use this function with BLUE TRIPLE blink = 8 or more satelites, AUTO takeoff with less satelites may result in a crash. AFTER completing auto-take-off, you can take control by moving the throttle stick to 50%, then flip the RUDD D/R switch to "0" position.
GPS hold mode	**MIX SW**	Model Menu ↓ Device Output ↓ Gear ↓ MIX SW ↓ Active	"0" position: Manual mode "1" position: GPS hold mode "2" position: Return To Home MIX switch to "1" position ⟶ Throttle stick return neutral NEVER use this mode with less than 8 satelites locked, you should see BLUE TRIPLE BLINK. Before switching mode, always put the throttle stick to middle position (50%). IF the GPS signal degrades, the Scout X4 PRO will automatically enter "Altitude hold mode" note in this mode it will drift, but will hold its altitude. After flying 50% of the battery, do NOT switch from GPS mode to Manual, this may cause a sudden drop / crash. You can land in GPS mode, after landing, keep the throttle stick DOWN and switch to manual, then lock the motors.
Round Fly Mode	**FMOD**	Model Menu ↓ Device Output ↓ AUX3 ↓ FMOD SW ↓ Active	"0" Position: OFF "1" Position: Not in use "2" Position: activate Round Fly This mode require 8 satelites locked, you should see BLUE TRIPLE BLINK. Before activating the round-fly mode, you should be in "GPS hold mode" always put the throttle stick to middle position (50%) The default roundfly radius is 5 meters (15 feet), You can change the Round Fly radius by editing the AUX3 EPA (End Point Adjustment) on the F12E transmitter, for details on editing EPA settings, see the F12E instruction manual. After having changed the setting, you should turn FMOD switch to "0" position to save the data, then return to "2" position to read the new Roundly radius.
Return TO Home	**MIX SW**	Model Menu ↓ Device Output ↓ Gear ↓ MIX SW ↓ Active	"0" position: Manual mode "1" position: GPS hold mode "2" position: Return To Home Throttle stick return neutral ⟶ MIX switch to "2" position The Return To Home mode, will only work when you have a solid GPS lock, it is recommend that you avoid flying if GPS lock is missing. After engaging Return to Home mode, leave the throttle stick at 50% (centered) DO NOT touch any switches on the F12E radio. To REGAIN control of the Scout X4 PRO, make sure the throttle is centered, then flip the MIX switch to position "1". In an emergency such as losing the control link between the F12E and the Scout X4 PRO, the Failsafe system will automatically start RTH. You may not be able to interupt an emergency RTH, simply let the aircraft continue until it lands.

Function	Switch	Transmitter setting	Instructions
Hyper IOC Mode	ELEV D/R	Model Menu ↓ Device Output ↓ AUX2 ↓ ELEV D/R ↓ Active	IOC or Intelligent Orientation Control mode means that the aircraft's flight direction is only relative to the orignal take-off point (where you armed the motors). REGARDLESS of the actual aircraft headding, in this mode you can fly past something and pan the aircraft to frame your shot, without having to worry what direction the aircraft is facing. ELEV D/R switch "0" position: IOC OFF "1" position: IOC ON The IOC mode requires a strong GPS lock, you should have trible blinks on the blue GPS indicator light. IOC is inactive if the Scout X4 PRO is less than 10 meter (30 feet) from the original take-off position. (point where you armed the motors) Fly the Scout X4 PRO manually beyond 10 meters using the GPS mode, then activate the IOC mode, the Scout X4 PRO will now fly IOC until you change the mode, you can pan freely for video shots, when you push the stick right or left, the Scout X4 PRO will move sideways relative to the original take-off position. Pushing the pitch stick up will push the Scout X4 PRO away from you, pulling the stick back brings the Scout X4 PRO back to the starting point. When flying in IOC mode, you can make the Scout X4 PRO return to the starting point simply by pulling the stick toward you. WARNING: The IOC turns off when the aircraft gets closer than 10meters to the take off point. Be prepared for this, as the system will switch back to GPS hold mode at that point. This switch can cause confusion if the pilot are not prepared.
Extend/ Retract of Landing Gear	GEAR	Model Menu ↓ Device Output ↓ AUX4 ↓ GEAR SW ↓ Active	"0" Position: Extend landing Gear "1" Position: Retract landing Gear NOTE: REMEMBER your landing gear, it is easy to forget the landing-gear when flying FPV. It's not a good idea to land on your camera. When activating the RTH (Return To Home) system, either by the pilot of by the failsafe system, the Scout X4 PRO will automatically extend the landing gear to protect your camera and make sure the Scout X4 PRO lands safely. You can not change the landing gear after the Scout X4 PRO has been automatically extended for landing. You must land and then lock / unlock motors.

3.0 End flight

① Manual landing or back home function landing.

② First, power off aircraft battery, then power off radio battery.

③ Take the battery out of aircraft.

4.0 Additional remark

4.1 DEVO F12E Radio (black version) settings – defaut settings for single radio control mode

● Boot Screen(Main interface)

Model name ────────────────── Throttle percentage value

Timer display

Model type display ───────

Transmission power display

Model No. ─── **01 ➤ Model 01　0%　00:00 ☰日 🔋** ◄─── Battery capacity display

Rudder trim display ─── **0　　0　　0　　0　　0　　0** ◄─── Aileron trim display

Model 1(ELEV trim) ─────

Model 1(THRO trim)

Model 2(THRO trim) ─────

Model 2(ELEV trim)

Left trim display ──────────────── Right trim display

● Model Select

| Main interface | ──ENT→ | Main Menu | UP/DN / ENT → | Model Menu | UP/DN / ENT → | Model Select | ──ENT→ |

```
Model Select            ⇩ 🔋
✓ 01 ➤ Model  01
  02 ➤ Model  02
  03 ➤ Model  03
  04 ➤ Model  04
  05 ➤ Model  05
  06 ➤ Model  06
  07 ➤ Model  07
  08 ➤ Model  08
```

Press the UP or DN button to select the stored model number. For example "Model 01", press EXT to return to the "Model Menu" after finished.

● Model Name

| Model Menu | UP/DN → | Model Name | ──ENT→ |

```
Model Name              ⇩ 🔋

        No.    01

        Name
              ⇩
            X4 PRO
```
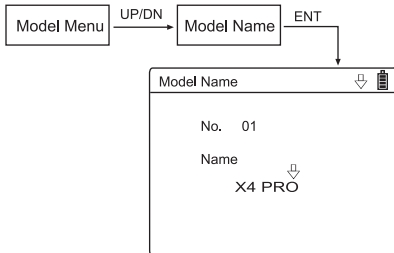
Press UP or DN button to select the characters which need to be changed, Named model "X4 PRO". Press EXT to return to the "Model Menu".

● Type Select

| Model Menu | UP/DN → | Type Select | ──ENT→ |

```
Type Select             ⇩ 🔋

        Helicopter

      ✓ Airplane

        Glider
```
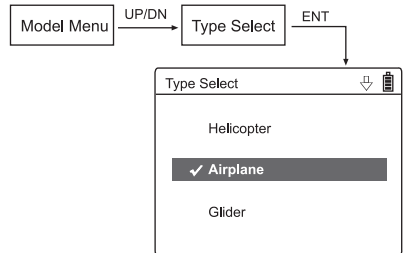
Select the model type with the R or L button, and ENT to confirm and return to the "Model Menu".

● Wing Type

Wing Type	
Wing Type	Normal
V-Tail	Inhibit
Dual Channels	Inhibit
Mate	Inhibit
Trim	Inhibit
Twin Engine	Inhibit
Trim	Inhibit

Model Menu → UP/DN → Wing Type → ENT

Press R or L to select "Normal",
then press EXT to return to the
"Model Menu".

● Device Output

Device Output	
Gear	MIX SW
	Active
Flap	RUDD D/R
	Active
AUX2	ELEV D/R
	Active
AUX3	FMOD SW
	Active

Device Output	
AUX4	GEAR SW
	Active
AUX5	AUX5 KB
	Active
AUX6	AUX6 KB
	Active
AUX7	AILE D/R
	Active

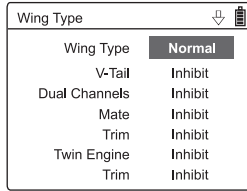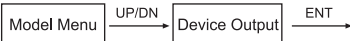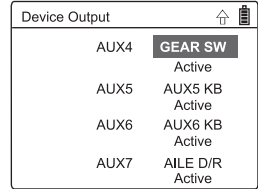Model Menu → UP/DN → Device Output → ENT

Press EXT to return to the "Model Menu"
after finished.

● Sensor Setting

Sensor Setting	
Status	Active
No Signal	Inhibit
Sensor Submenu	
	Voltage
	Temperature
	GPS Setting

Model Menu → UP/DN → Sensor Setting → ENT
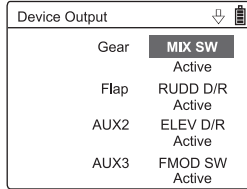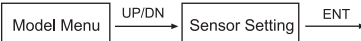
Press R or L to select "Active".
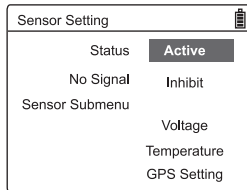
(1) Voltage Setting
Press UP or DN to select Voltage on the Sensor Setting interface. Press ENT to enter the Voltage interface.

Voltage	
Internal: V0	Inhibit
External: V1	Active
	21.4V
External: V2	Inhibit
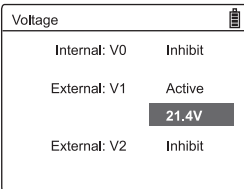
Internal shows the Radio battery voltage.
External shows the aircraft battery voltage.
The Scout X4 PRO default voltage settings is 21.4 volts.
When the radio give you the low-voltage warning.
it is URGENT to land as quickly as possible.
* Optional you can adjust the voltage to 21.6
this will give you a earlier warning.

(2) GPS Receive Setting
Press UP or DN to select the GPS setting on the Sensor Setting interface, then press ENT to enter the GPS
Setting interface.

GPS Setting	
Altitude Type	Relative
Speed Unit	Km/h
Date Type	DD-MM-YY
Time Zone	UTC+08:00
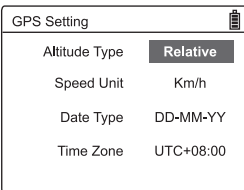
(2.1) Altitude Type setting:
Press R or L to select Absolute or Relative.

(2.2) Speed Unit setting:
Press R or L to select Km/h or Knote.

(2.3) Date Type setting:
Press R or L to select DD-MM-YY\ MM-DD-YY\ YY-MM-DD.

(2.4) Time Zone:
Press R or L to select Time Zone, then press EXT to return to the "Main Menu".

Scout X4 PRO

● Reverse Switch

Main Menu → UP/DN / ENT → Function Menu → UP/DN / ENT → Reverse Switch → ENT → Factory default Settings interface.

Reverse Switch	⇩ 🔋
Elevator	**Normal**
Aileron	Normal
Throttle	Normal
Rudder	Normal
Gear	Normal
Flap	Normal
AUX2	Normal
AUX3	Normal

Reverse Switch	⇧ 🔋
AUX4	**Normal**
AUX5	Normal
AUX6	Normal
AUX7	Normal

Press EXT to return back to the "Function Menu" after finished.

● Servo Travel Adjust

Function Menu → UP/DN → Travel Adjust → ENT

Travel Adjust	⇩ 🔋
Elevator	**U100.0%**
	D100.0%
Aileron	L100.0%
	R100.0%
Throttle	H100.0%
	L100.0%
Rudder	L100.0%
	R100.0%

Travel Adjust	⇧⇩ 🔋
Gear	+100.0%
	-100.0%
Flap	**U150.0%**
	D150.0%
AUX2	+100.0%
	-100.0%
AUX3	+5.0%
	-100.0%

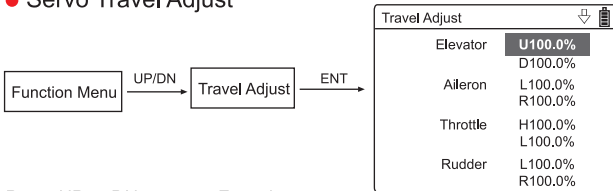| Travel Adjust	⇧ 🔋
AUX4	**+100.0%**
	-100.0%
AUX5	+100.0%
	-100.0%
AUX6	+100.0%
	-100.0%
AUX7	+100.0%
	-100.0%

Press UP or DN to select Flap channel,

Press R or L to set as **U150.0% and D150.0%.**

Press UP or DN to select AUX3 channel,

press R or L to set **+5.0%(5 means Roundfly radius is 5 meters) and -100.0%,** then press EXT to return Function Menu.

● Video Setting

Main Menu → UP/DN / ENT → System Menu → UP/DN → Video Setting → ENT

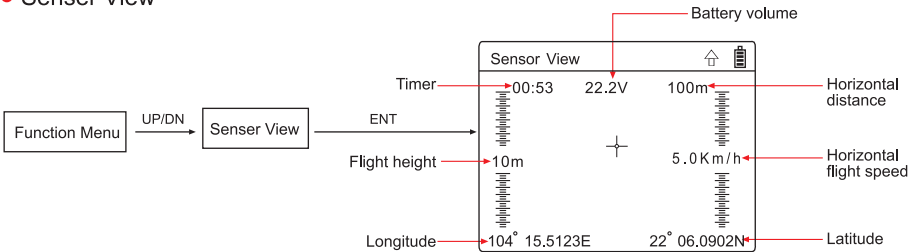| Video Setting	🔋
Status	**Active**
Channel	1/32
Background	Active

Status: Press R or L to select "Active".

Channel: Press R or L to select the suitable receiving video channel for the iLook+.

Background: Press R or L to select Active, Real-time image will be set as background in Main Menu.
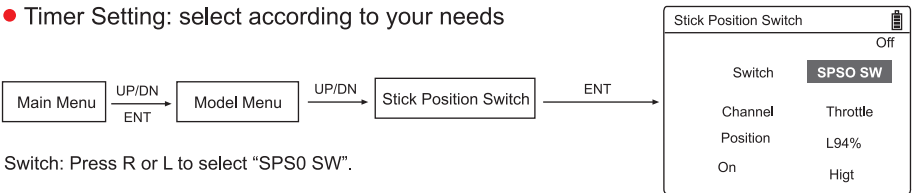
Press EXT to switch full screen or half screen to display image when in the main interface

● Senser View

Battery volume

Sensor View

Timer → 00:53 22.2V 100m

Function Menu →UP/DN→ Senser View →ENT→

Flight height → 10m 5.0Km/h

Longitude → 104° 15.5123E 22° 06.0902N

Horizontal distance

Horizontal flight speed

Latitude

Press R or L to select viewport display. When the image is set as the background, Information will be displayed on the image.

● Timer Setting: select according to your needs

Stick Position Switch

		Off
Switch	SPSO SW	
Channel	Throttle	
Position	L94%	
On	Higt	

Main Menu →UP/DN ENT→ Model Menu →UP/DN→ Stick Position Switch →ENT→

Switch: Press R or L to select "SPS0 SW".

Channel: Press R or L to select "Throttle".

Position: Press L to set percentage(Suggested setting is L94%).

On setting: Press R or L to select "High" as rocker direction for on.

Move up and down of the throttle to check if the direction of the switch is set correctly.
Then press EXT to return to the "Main Menu".

Timer

Type	Stopwatch
Switch	SPSO SW

Main Menu →UP/DN ENT→ Function Menu →UP/DN→ Timer →ENT→
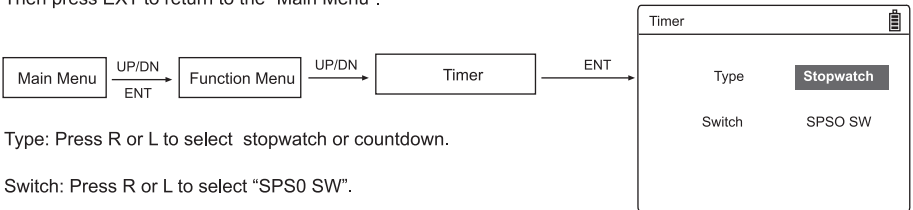
Type: Press R or L to select stopwatch or countdown.

Switch: Press R or L to select "SPS0 SW".

Press EXT to return back to the main interface when finished.

Usage: Toggle the throttle up to L94% to start the time, toggle the throttle down to L94% to stop the time, press DN to reset.

01 ✈ Model 01   0%   00:00

Timer

0   0   0   0   0   0

Scout X4 PRO

4.2 DEVO F12E Dual Remote Controllers mode – DIY as needed

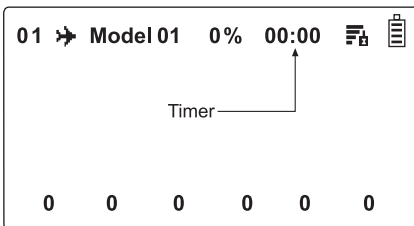Scout X4 PRO radio can support Dual Remote Controller mode. Two pilots can control at the same time the same aircraft. under this mode, the master can control the drone while the slave remote controller/Goggle can ONLY control the gimba.

The master and slave remote controller can control the same aircraft through control the same wireless module, and another one is controlled by the repeater which communicate with phone via Bluetooth and aircraft via 2.4 GHz wireless to extend the control distance. The remote controller can't work together with the repeater simultaneously.

● Setting up Dual Remote Controllers mode

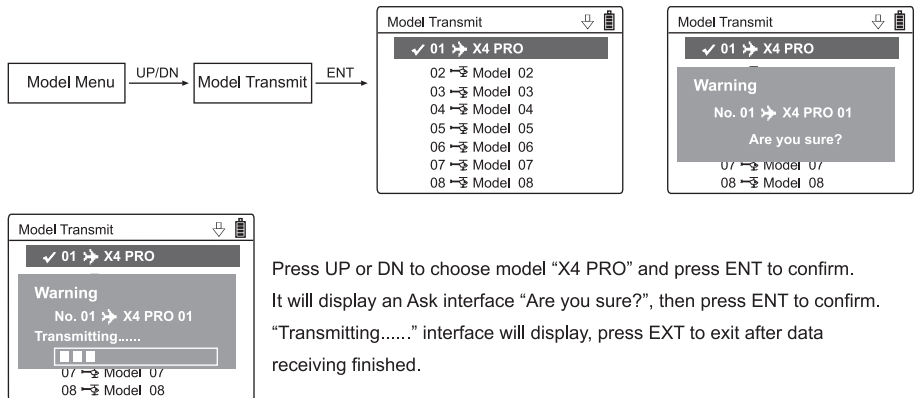⚠ **Tips:**

① **When the remote controller's setting shows dual -connecting, following functions can't be available, Auto takeoff, Hyper IOC mode, Round Fly mode.**

② **The setting method for goggle glasses are same as below(only "e. copy radio document wirelessly " no in need)**
Connection method: Connect one end of the data cable to Goggle glasses data port(Training fuction interface), connect another end to DEVO F12E radio DSC port.
(refer to goggle glasses manual)

Dual Remote Controllers mode is turned off in factory defaults. Setting instructions are as follows before activating Dual Remote Controllers mode.
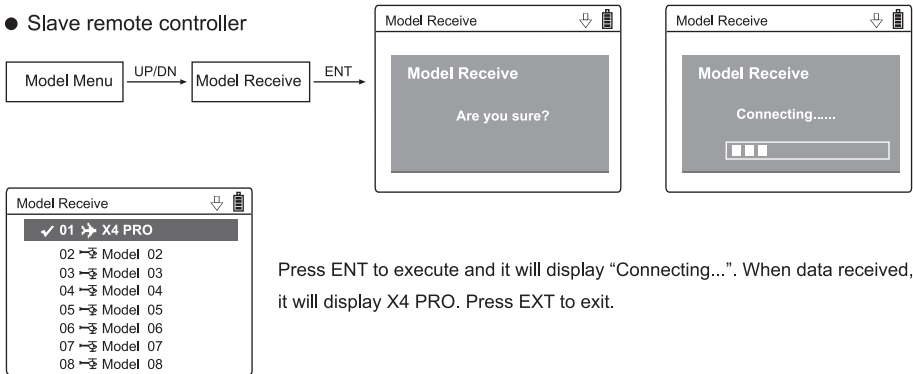
a. Slave remote controller data wireless copy

● Master remote controller

Model Menu	→ UP/DN →	Model Transmit	→ ENT →

```
Model Transmit          ⇩ 🔋
  ✓ 01 ⟫ X4 PRO
   02 ⇥ Model 02
   03 ⇥ Model 03
   04 ⇥ Model 04
   05 ⇥ Model 05
   06 ⇥ Model 06
   07 ⇥ Model 07
   08 ⇥ Model 08
```

```
Model Transmit          ⇩ 🔋
  ✓ 01 ⟫ X4 PRO
   ┌─────────────────┐
   │ Warning          │
   │ No. 01 ⟫ X4 PRO 01 │
   │   Are you sure?   │
   07 ⇥ Model 07
   08 ⇥ Model 08
```

```
Model Transmit          ⇩ 🔋
  ✓ 01 ⟫ X4 PRO
   ┌─────────────────┐
   │ Warning          │
   │ No. 01 ⟫ X4 PRO 01 │
   │ Transmitting......│
   │  ■■■            │
   07 ⇥ Model 07
   08 ⇥ Model 08
```

Press UP or DN to choose model "X4 PRO" and press ENT to confirm.
It will display an Ask interface "Are you sure?", then press ENT to confirm.
"Transmitting......" interface will display, press EXT to exit after data receiving finished.

● Slave remote controller

Model Menu →UP/DN→ Model Receive →ENT→

Model Receive
Model Receive
Are you sure?

Model Receive
Model Receive
Connecting......

Model Receive
✔ 01 ✈ X4 PRO
02 Model 02
03 Model 03
04 Model 04
05 Model 05
06 Model 06
07 Model 07
08 Model 08

Press ENT to execute and it will display "Connecting...". When data received, it will display X4 PRO. Press EXT to exit.
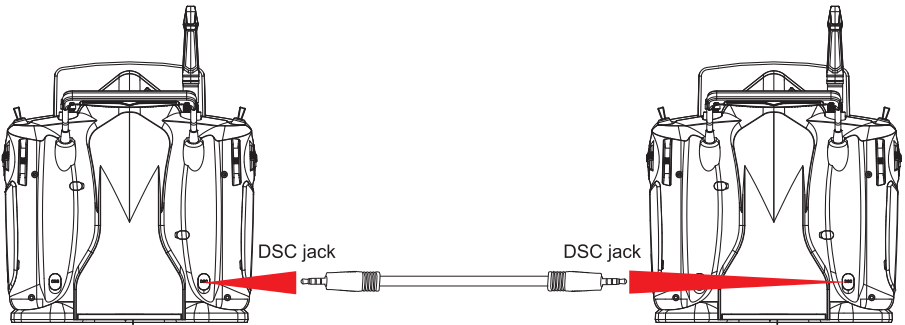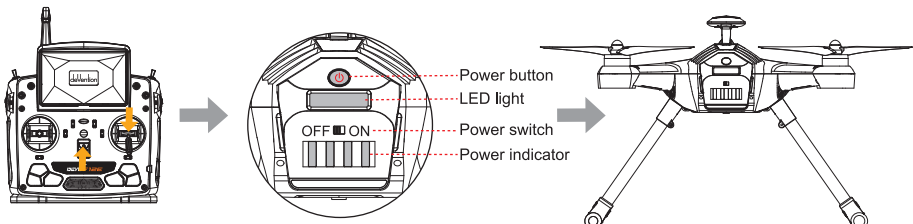
f. Connection between master and slave remote controllers

① Turn off the radio power and insert the training cable to both remote controller's DSC jack.

DSC jack   DSC jack

② Turn on the power of the master and slave remote contollers at the same time, then turn on the drone power to bind the code.
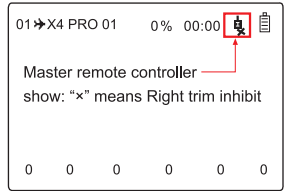
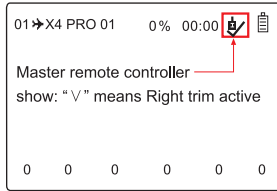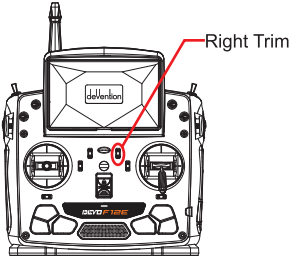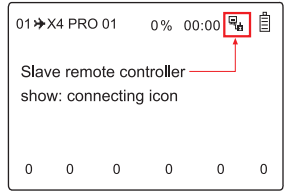Power button
LED light
OFF ◼ ON — Power switch
Power indicator

Turn on the master and slave remote contollers simultaneously

Turn on drone power

Within approx. 40 sec. the red LED light will stop flashing indicating that the code binding has finished.

Scout X4 PRO

③ When press the train switch (Right Trim) to activate the training function and the status is "∨", the pilot can operate the slave remote controller to control gimbal pitch and roll rotation and camera capture.
When press the train switch (Right Trim) to inhibit the training function and the status is "×", the pilot can operate the master remote controller to control gimbal pitch and roll rotation and camera capture.

01➔X4 PRO 01　0% 00:00

Slave remote controller show: connecting icon

0　0　0　0　0　0

Right Trim

01➔X4 PRO 01　0% 00:00

Master remote controller show: "∨" means Right trim active

0　0　0　0　0　0

01➔X4 PRO 01　0% 00:00

Master remote controller show: "×" means Right trim inhibit

0　0　0　0　0　0

g. Aircraft switch position setting

S/N	Switch name	Switch position	Position instruction
①	Remote cotroller toggle switch		Dual-remote cotrollers
②	Gimbal toggle switch		Dual-remote cotrollers control
③	Camera toggle switch		Dual-remote cotrollers control

Front

M3　M4

Front

③

①　②

Control toggle switch

M2　M1
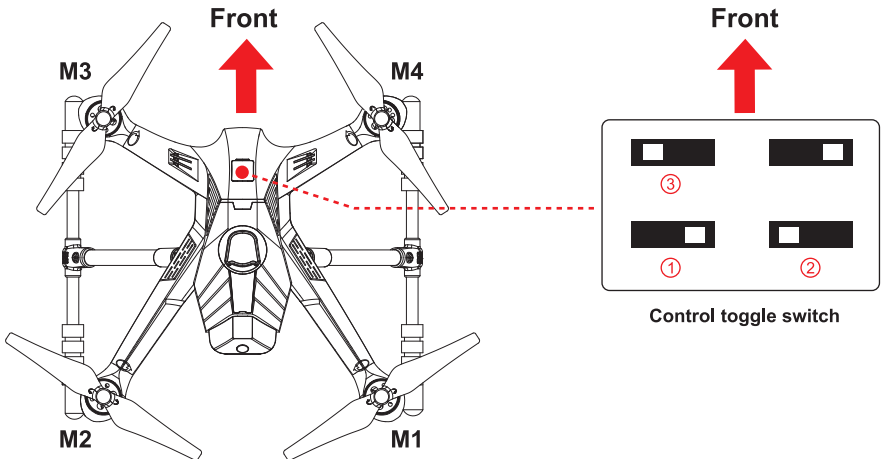
Tel.: （8620）8491 5115 8491 5116

Fax.: （8620）8491 5117

Email: heli@walkera.com
         info@walkera.com

Add.: Taishi lndustrial Park, Dongchong Town
      nansha District, 511475 Guangzhou

deVention

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.

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.**

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.

"FCC RF Radiation Exposure Statement Caution: To maintain compliance with the FCC's RF exposure guidelines, place the product at least 20cm from nearby persons."