ROTORAMA

Meteor75 Pro HD

FPV Kit – ready-to-fly set (RTF)
User Manual



Read the entire manual before first use, in particular chapters 1, 3 and 6. This product is not a toy – it is intended for persons aged 14 and over.

Meteor75 Pro P1 drone · VR04 HD goggles · LiteRadio 4 SE radio transmitter
www.rotorama.com

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1. Safety Instructions

1.1 Important notices

- This product is an FPV quadcopter, classified as a multi-rotor model aircraft. **It is NOT a toy** and is not suitable for children under 14 years of age.
- Operating an FPV quadcopter requires basic technical knowledge and practice. Equipped with high-speed motors and sharp propellers, these quadcopters can reach high speeds and pose significant risks. Incorrect operation may result in serious injury to yourself or others, as well as damage to the product or property. Please familiarize yourself with all functions before the first flight.
- Do not use components not provided or recommended by BETAFPV. All installation and use must strictly follow BETAFPV guidelines.
- Please keep this manual for future reference – it contains essential safety, operation and troubleshooting information.

1.2 Flight warnings

- Do not fly in adverse conditions, such as high winds, rain, snow, thunderstorms or heavy fog. The drone is not waterproof or dustproof; water exposure may cause short circuits and electronic failure.
- Ensure the flight area is open and safe. Excessive obstacles may interfere with radio and video signals. Stay away from crowds, water, high-voltage power lines, communication base stations and flammable/explosive materials.
- When flying visually, always keep the drone within your line of sight.
- When flying with goggles, minimize obstacles between the drone and the pilot. Since your surrounding awareness is limited, fly with a spotter to handle emergencies (section 3.5). It is highly recommended to remain seated while flying.
- Do not take off or land on non-fixed platforms, such as your palm, or on moving vehicles and boats.
- Never touch spinning propellers, as they can cause severe personal injury or property damage.
- In the event of an emergency during flight, immediately disarm the motors via the radio transmitter (Disarm).
- Operate the throttle stick gently to maintain stability and avoid sudden, erratic movements.

1.3 Batteries in the kit

The kit contains three types of lithium batteries: **LAVA II 1S 580 mAh** LiHV flight batteries (high-voltage lithium polymer cells) with BT2.0 connector, two **18650** cylindrical cells for the goggles and a built-in 2000 mAh Li-ion battery in the radio transmitter. Lithium batteries store a large amount of energy and may catch fire if handled improperly.

Flight battery state	Voltage per cell	1S battery
Fully charged (LiHV)	4.35 V	4.35 V
End the flight	3.5 V	3.5 V
Storage	3.8 V	3.8 V

- Insert a **fully charged** battery into the drone before every flight.
- Charge the flight batteries only with the BT2.0 charger included in the kit (section 6.1) and never leave charging unattended. Never overcharge the battery – the maximum is 4.35 V per cell.
- End the flight at 3.5 V per cell at the latest. Deep discharge permanently damages the battery.
- Do not store fully charged batteries for longer than 3 days; for long-term storage, keep them at 3.8 V per cell.
- Do not disassemble, deform or short-circuit the battery and do not expose it to fire. Do not use deformed, damaged or swollen batteries.
- Charge the 18650 cells in the goggles and the built-in battery of the radio transmitter via their USB-C port (sections 4.5 and 5.4). When replacing the 18650 cells, use only cells of the same type – **risk of explosion if the battery is replaced by an incorrect type**. Dispose of used cells according to section 8.3.

▶ Battery types in the kit

Product	Battery	Replacement
Meteor75 Pro P1 drone	LAVA II 1S 580 mAh, LiHV (Li-Po), BT2.0	removable – slides out of the slot
VR04 HD goggles	2× 18650 Li-ion cylindrical cell; pack 7.4 V, 2600 mAh, 19.24 Wh	removable – under the battery cover on the headband
LiteRadio 4 SE radio transmitter	built-in Li-ion 1S, 3.7 V, 2000 mAh, 7.40 Wh	built-in – have it replaced by a service centre (section 8.1)

1.4 Manufacturer’s disclaimer

Please read this manual and all safety precautions carefully before using this product. BETAFPV and its authorized dealers shall not be held liable for any product malfunction, personal injury, or property damage resulting from failure to comply with the guidelines stipulated in this manual. Any damages caused by inherent quality defects in the product or its accessories shall be handled in accordance with applicable laws and regulations. By using this product, you agree to the terms of this manual and take full responsibility for your own actions and all consequences arising therefrom; you may use this product only for legitimate purposes. This product documentation is subject to change without prior notice – please visit betafpv.com for the latest information.

※ This provision does not affect the buyer’s rights under Czech law – see chapter 9.

2. Kit Description

The Meteor75 Pro HD FPV Kit is a ready-to-fly (RTF) set for digital HD FPV: it contains the 1S tinywhoop **Meteor75 Pro P1** with the P1 Air Unit digital video transmitter (ArtLynk system), the **VR04 HD** FPV goggles and the **LiteRadio 4 SE** radio transmitter with the ExpressLRS 2.4 GHz protocol. The drone is suitable for flying both indoors and outdoors.

2.1 Package contents

Qty	Item
1×	Meteor75 Pro P1 Brushless Whoop Quadcopter
1×	LiteRadio 4 SE radio transmitter (ExpressLRS 2.4 GHz, Mode 2)
1×	VR04 HD FPV goggles
2×	18650 2600 mAh cell (for the goggles)
2×	LAVA II 1S 580 mAh flight battery (LiHV, BT2.0 connector)
1×	BT2.0 1S charger and voltage tester
1×	USB-C cable
1×	Type-C to SH1.0 adapter (for connecting the flight controller to a computer)
1×	SH1.0 4-pin adapter cable
4×	Gemfan 45 mm 3-blade propellers (1.5 mm shaft)
1×	canopy decorative parts
1×	Phillips screwdriver
1×	carrying case

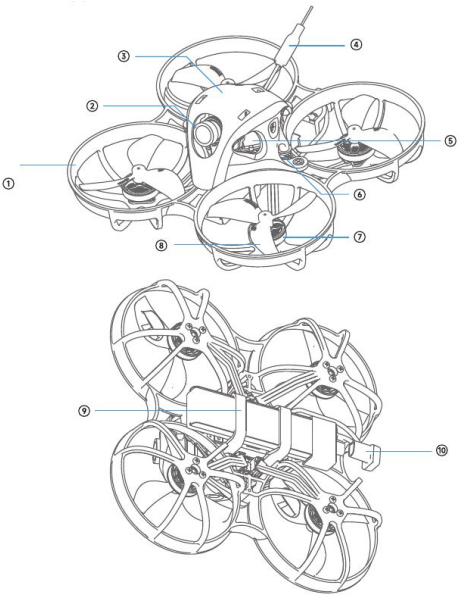
Packaging contents may differ by version; please refer to the actual product.

2.2 Kit specifications

Parameter	Value
Drone	Meteor75 Pro P1, 1S power
Wheelbase (diagonal)	80.8 mm
Drone weight	37.5 g without battery
Take-off weight	51.5 g with LAVA II 580 mAh battery
Flight controller (FC)	Matrix 1S 3IN1 HD – FC, ESCs and ExpressLRS receiver in one
Motors	1102, 21,000 KV or 18,000 KV
Propellers	Gemfan 45 mm, 3-blade
Video transmitter (VTX)	P1 Air Unit, ArtLynk system, 1080p at 60 fps, latency approx. 60 ms
Camera	1/2.9″ CMOS sensor, 170° field of view
Battery	LAVA II 1S 580 mAh, LiHV, BT2.0 connector
Flight time	up to 5.5 min – manufacturer’s data
Goggles	VR04 HD, 4.5″ 1920 × 1080 display, recording to microSD (chapter 5)
Radio transmitter	LiteRadio 4 SE, ExpressLRS 2.4 GHz, Mode 2 (chapter 4)
Charger	BT2.0 1S Battery Charger and Voltage Tester V2

※ Since July 2026, the manufacturer has been fitting 1102 21,000 KV / 18,000 KV motors instead of the previous 1102 22,000 KV; according to the manufacturer, the flight characteristics remain unchanged.

2.3 Drone overview

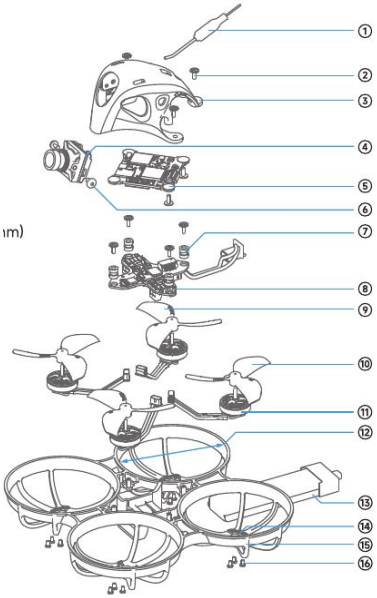


Meteor75 Pro P1 – top and bottom view

① Frame	⑥ Flight controller (FC)
② Camera	⑦ Motor
③ Canopy	⑧ Propellers
④ VTX antenna	⑨ Battery slot
⑤ Video transmitter (VTX)	⑩ Power connector

2.4 Exploded view

The exploded view is intended for orientation when replacing parts and carrying out repairs.



Meteor75 Pro P1 – exploded view

①	Antenna	⑨	Propellers CW
②	Self-tapping screws M1.4 × 5	⑩	Propellers CCW
③	Canopy	□	Motor
④	Camera	□	Duct, inner diameter 47.7 mm
⑤	Video transmitter (VTX), mounting hole size 25.5 × 25.5 mm, ø 2.5 mm	□	Battery
⑥	Machine screws M2 × 4	□	Motor mounting holes 3× M1.4, ø 6.6 mm pattern
⑦	Rubber grommets	□	Frame (wheelbase 80.8 mm)
⑧	Flight controller (FC), mounting hole size 25.5 × 25.5 mm	□	Machine screws M1.4 × 4

2.5 Matrix 1S 3IN1 HD flight controller

The flight controller (FC) combines the flight controller, four electronic speed controllers (ESC) and a serial ExpressLRS 2.4 GHz receiver on a single board. It is designed for digital video transmission and has no analog OSD.

Parameter	Value
Processor	STM32G473
Gyroscope	BMI270 or ICM42688P (depending on production batch)
Firmware	Betaflight, target BETAFPVG473
ESC	1S, 12 A continuous; Bluejay firmware; DShot300 / DShot600
BEC	5 V, 3 A
Receiver	serial ExpressLRS 2.4 GHz, CRSF protocol
Serial ports	UART1 (RX / SBUS only), UART2 (free), UART3 (receiver), UART4 (VTX, MSP)
Blackbox	16 MB
Connectors	USB: SH1.0 4-pin; VTX: SH1.0 6-pin; motors: JST1.25 3-pin; battery: BT2.0
Mounting hole size	25.5 × 25.5 mm

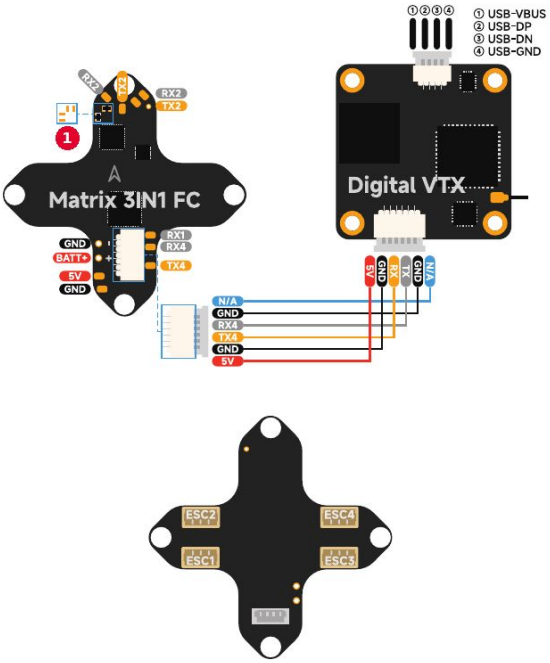
2.6 P1 Air Unit video transmitter

Parameter	Value
System	ArtLynk (digital video transmission)
Frequency band	5.1–5.9 GHz according to the manufacturer; in the EU see section 3.6
Transmit power (e.i.r.p.)	CE: < 25 mW FCC/SRRC: < 200 mW – not permitted in the EU
Channel bandwidth	10 MHz
Live view resolution	1080p at 60 fps
Latency	approx. 60 ms
Camera	1/2.9″ CMOS, 170° field of view
Supply voltage	5 V
Operating temperature	−10 °C to 40 °C
Connectors	SH1.0 6-pin (FC), SH1.0 4-pin (USB)

- The VTX antenna must always be connected and mounted before powering on the drone – operating without an antenna may damage the VTX.

- The VTX has a low-power standby mode (Standby) that adjusts the output power according to the distance between the goggles and the drone. Before take-off, the drone must be armed, or the standby mode must be disabled (*Standby Mode* item in the goggles menu, section 5.8).
- The VTX heats up quickly. Take off as soon as possible after connecting the battery and do not leave the drone powered on the ground for a long time.

2.7 Wiring diagram



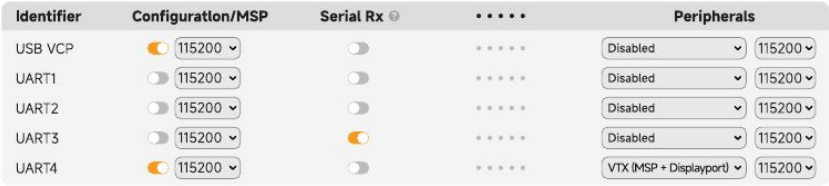
Wiring diagram of the Matrix 1S 3IN1 HD flight controller and the VTX

The VTX is connected with an SH1.0 6-pin cable: 5V, GND, TX4, RX4, GND and an unconnected wire (N/A). USB debug port (SH1.0 4-pin): USB-VBUS, USB-DP, USB-DN, USB-GND. The motor connectors ESC1–ESC4 are on the bottom side of the board.

※ ① UART3 is occupied by the onboard receiver from the factory. It can only be released by removing a resistor (“Remove Resistor to Release UART3”), which disconnects the onboard receiver. Such an intervention on the board is not a product defect, but it may void the class C0 compliance (section 3.2).

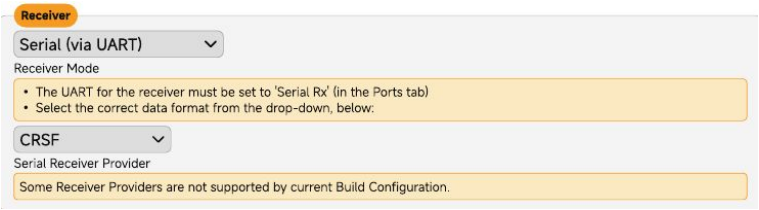
When setting up the digital VTX, the peripheral for UART4 needs to be set as *VTX (MSP + Displayport)* in the *Ports* tab of Betaflight Configurator; for the receiver,

UART3 is set as *Serial Rx*:



Ports tab – default serial port settings

In the *Configuration* tab (Receiver), *Serial (via UART)* is set as the Receiver Mode and *CRSF* as the Serial Receiver Provider:



Receiver setup with the CRSF protocol

3. Legal Requirements for Operation in the Czech Republic and the EU

3.1 The law of the country where you fly applies

Regulations (EU) 2019/947 and 2019/945 apply in all Member States of the European Union, but national implementing rules differ from country to country – registration portals, minimum pilot age, geographical zones, mandatory insurance, permitted frequency bands and maximum transmit power. The information in this chapter describes the situation in the Czech Republic as of the date of issue of this manual (11/2026). If you operate the drone in another country, you must comply with the regulations of the country in which you fly. Regulations change – for up-to-date information see www.caa.gov.cz (Civil Aviation Authority of the Czech Republic, ÚCL) and www.ctu.gov.cz (Czech Telecommunication Office, ČTÚ).

3.2 Class C0 and operational category

According to the marking on the packaging, the Meteor75 Pro P1 is a **class C0** unmanned aircraft system under Regulation (EU) 2019/945. Class C0 means a maximum take-off mass of less than 250 g, a maximum speed in level flight of 19 m/s and a height of no more than 120 m above the take-off point. A class C0 drone is operated in the open category, subcategory **A1** (point UAS.OPEN.020 of Regulation (EU) 2019/947).

Drone information pursuant to Part 1 of the Annex to Regulation (EU) 2019/945:

Item	Value
Class	C0
Mass	37.5 g – drone without battery, in factory configuration (antenna, canopy, propellers)
Take-off mass	51.5 g with LAVA II 1S 580 mAh battery – manufacturer's data; the maximum take-off mass of class C0 is less than 250 g
Payload	the drone is not designed to carry a payload – do not attach any objects to it
Control	LiteRadio 4 SE radio transmitter (ExpressLRS 2.4 GHz), Betaflight flight controller firmware; video transmission to the VR04 HD goggles (ArtLynk)
Loss of radio link	failsafe – the drone stops the motors and falls (section 6.5)
Operational limitations	only in dry weather without strong wind, rain, snow or fog; VTX operating temperature −10 °C to 40 °C; the drone has no flashing green light for night flying (sections 1.2 and 3.4)

- In subcategory A1, flying over assemblies of people is prohibited. Avoid flying over uninvolved persons whenever possible.
- Class C0 applies only to the drone in its factory configuration. Do not modify the drone – you may only change software recommended by the manufacturer. Hardware modifications (for example removing the resistor described in section 2.7) and changes to settings beyond the manufacturer's instructions may void the class C0 compliance.
- Use only batteries recommended by the manufacturer (LAVA II 1S, section 2.2).

According to the EASA interpretation (GM1 to Article 1 of Regulation 2019/947), the EU drone rules do not apply to flights inside buildings from which the drone cannot fly out into the outdoor airspace. Fly there only with the consent of the owner or manager of the premises and with consideration for the persons present.

3.3 Operator registration and pilot competency

- The drone is equipped with a camera and is not a toy. Its operator (usually the owner) must therefore **register** with the aviation authority of the country of residence – in the Czech Republic at dron.caa.gov.cz (Article 14(5) of Regulation 2019/947). The registration is valid in all EU Member States.
- Display the operator registration number on the drone (for example on the frame or canopy) so that it is legible at least on the ground. A QR code may also be used.
- The minimum age of a remote pilot is **16 years** (Article 9(1) of Regulation 2019/947). The exemption for class C0 applies only to drones that are toys – this drone is not a toy. The product is intended for persons aged 14 and over; persons under 16 may fly only under the direct supervision of a remote pilot who meets the age and competency requirements (Article 9(2)(c)).
- Before flying, the pilot of a class C0 drone must read this manual (point UAS.OPEN.020(4)(a)). We also recommend completing the free online A1/A3 training and test at dron.caa.gov.cz.

3.4 Operational limitations

- Keep the drone within 120 m of the closest point of the surface of the earth.
- Always keep the drone within visual line of sight; when flying with goggles, within the visual line of sight of a spotter (section 3.5).
- Never fly over assemblies of people and avoid flying over uninvolved persons.
- Do not fly near emergency response operations. Do not carry any objects and do not drop anything.
- The drone has no flashing green light for night operation. Fly only in visibility conditions in which both you and the spotter can see the drone reliably.
- Before every flight, check the geographical zones on the dronemap.gov.cz map. Restricted and prohibited areas include, among others, the vicinity of airports,

national parks and protected landscape areas, energy and military facilities.

- Land as soon as another aircraft approaches or if the flight endangers people, animals or property.

3.5 Flying with FPV goggles

When flying with goggles, you do not see the drone directly. The rules allow this only if a **spotter** is standing next to you who watches the drone with the naked eye (without binoculars) and monitors the surrounding airspace and obstacles (Article 4(1)(d) of Regulation 2019/947). You must be in direct contact with the spotter and the drone must not fly farther than the spotter can clearly see it. As the pilot, you are always responsible for the safety of the flight.

3.6 Radio frequencies and transmit power

The kit contains the following radio transmitters:

Transmitter	Frequencies	Max. power (manufacturer's data)
P1 VTX (drone)	5.1–5.9 GHz; goggles channels 5335–5922 MHz	CE: < 25 mW e.i.r.p. FCC/SRRC: < 200 mW
VR04 HD goggles	5.725–5.850 GHz	CE: < 14 dBm e.i.r.p.
LiteRadio 4 SE radio transmitter – ExpressLRS	2.4000–2.4835 GHz	< 20 dBm e.i.r.p.
LiteRadio 4 SE radio transmitter – Wi-Fi	2.4 GHz	< 5 dBm e.i.r.p.
Drone's ExpressLRS receiver (telemetry)	2.4 GHz	–

Operating conditions in the Czech Republic under the general authorisations of the Czech Telecommunication Office (ČTÚ):

Band	Limit in the Czech Republic	Authorisation
2400–2483.5 MHz (radio transmitter and receiver)	100 mW e.i.r.p.	VO-R/12/11.2021-11
5725–5875 MHz (video transmission)	25 mW e.i.r.p.	VO-R/10/05.2025-5, Art. 3(k)
other video channels (5335–5705 MHz, 5875–5922 MHz)	not permitted in the Czech Republic	–

- Without an individual licence, the video link may be operated in the Czech Republic only on channels in the 5725–5875 MHz band: all 3 channels of normal mode and channels 3, 4, 5 and 6 of racing mode (table in section 5.7), with a power of no more than **25 mW e.i.r.p.**
- Racing mode channels 1, 2 and 9–16 lie in the bands for wireless access systems (RLAN), where the operation of unmanned aircraft systems is

prohibited or restricted to indoor use and DFS/TPC techniques, which the manufacturer does not specify for this system. Channels 7 and 8 extend into the band for intelligent transport systems (ITS). Do not use these channels in the Czech Republic.

- The 200 mW power corresponds to the mode for the FCC/SRRC markets and is **not permitted in the Czech Republic or the EU**. Set the *Power* item in the goggles menu (section 5.8) so that the power does not exceed 25 mW.
- The e.i.r.p. limit includes the antenna gain. Operate the equipment only with the antennas specified by the manufacturer, without additional amplifiers and without modifications.
- The user is responsible for the channel and transmit power settings.

Restrictions on putting into service pursuant to Article 10(10) of Directive 2014/53/EU: in the Czech Republic, the video link may be operated without an individual licence only in the 5725–5875 MHz band with a power of up to 25 mW e.i.r.p. Similar restrictions apply in other EU Member States – check them with your national telecommunications authority.

Simplified EU declaration of conformity: Hereby, Shenzhen Baida Moxing Co., Ltd. declares that the radio equipment type LiteRadio 4 SE is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: support.betafpv.com.

3.7 Personal data protection and insurance

- The drone’s camera records its surroundings. You may capture, and in particular publish, a person’s likeness or expressions of their private life only with their consent (§ 81 et seq., in particular §§ 84–90 of the Czech Civil Code). The GDPR exemption for purely personal or household activities does not apply to publishing recordings on the internet – follow Recommendation No. 01/2024 of the Czech Office for Personal Data Protection (ÚOOÚ).
- In the Czech Republic, third-party liability insurance is mandatory by law in subcategory A2, in subcategory A3 for drones over 4 kg and in the specific category; aeromodelling associations under § 54n and their members are exempt from this obligation (§ 54d of the Czech Civil Aviation Act No. 49/1997 Coll.; minimum limits are set by § 16n of Decree No. 108/1997 Coll.). Even where insurance is not mandatory, we recommend taking it out. You are liable for damage caused by operating the drone under the Civil Code.

3.8 EASA information notice

Class C0 drones are supplied with the information notice of the European Union Aviation Safety Agency (EASA) setting out the rules and obligations under Regulation 2019/947. It is reproduced below; it is available in all EU languages at www.easa.europa.eu.



EASA information notice for class C0 with camera – page 1

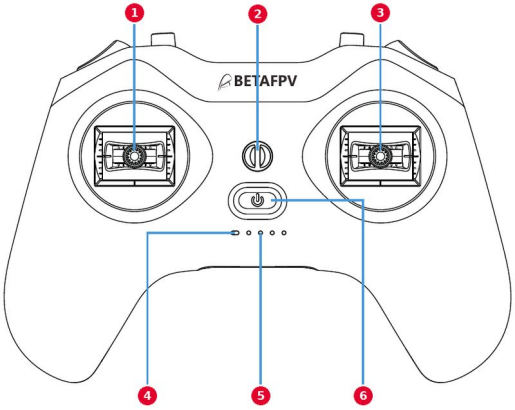


EASA information notice for class C0 with camera – page 2

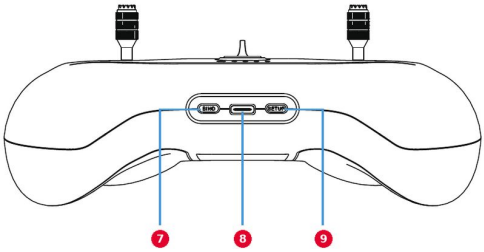
4. LiteRadio 4 SE Radio Transmitter

LiteRadio 4 SE is a radio transmitter equipped with the ExpressLRS 2.4 GHz protocol and the LiteRadio operating system. It can control FPV drones equipped with ELRS 2.4 GHz series receivers and, when connected with a USB cable, also supports FPV simulators including DJI Virtual Flight.

4.1 Radio transmitter overview

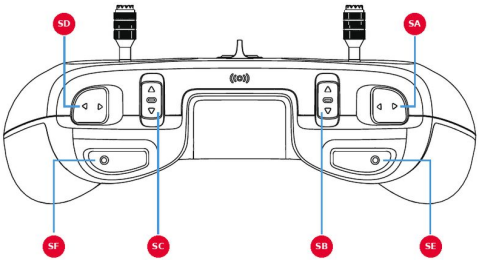


Front view



Bottom view

No.	Component	No.	Component
①	left joystick (throttle and yaw)	⑥	power button
②	lanyard loop	⑦	BIND button
③	right joystick (roll and pitch)	⑧	USB-C port
④	status indicator	⑨	SETUP button
⑤	battery indicator lights		



Top view – toggle switches SA–SD and buttons SE, SF

On the top are the toggle switches **SA**, **SB**, **SC**, **SD** and the buttons **SE**, **SF**. Their channel assignment is given in section 4.3, their function in the drone in section 6.5.

4.2 Specifications

Parameter	Value
Model	LiteRadio 4 SE
Operating frequency	2.4000–2.4835 GHz
ELRS transmit power (e.i.r.p.)	< 20 dBm
Wi-Fi transmit power (e.i.r.p.)	< 5 dBm
Battery	built-in Li-ion 1S, 3.7 V, 2000 mAh, 7.40 Wh
Charging	USB-C, 5 V, supports up to 3 A rapid charging
Battery life	approx. 8 hours – manufacturer’s data
Operating temperature	−10 °C to 40 °C
Charging ambient temperature	0 °C to 35 °C
Weight	approx. 210 g
Dimensions	172.5 × 118.5 × 72.5 mm

Specific Absorption Rate (SAR) for the limbs at a distance of 0 mm: maximum measured value 1.78 W/kg, EU limit 4.0 W/kg (averaged over 10 g of tissue).

4.3 Default settings

- Radio transmitter mode: **Mode 2** – throttle on the left joystick.
- Built-in RF module: ON, wireless protocol ExpressLRS (ELRS3) 2.4 GHz.
- ExpressLRS: transmit power 100 mW, packet rate 250 Hz, telemetry ratio 1:8.
- Buzzer: ON. Joystick center dead zone: 1% (does not act on the throttle channel).

Channel	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10
Input	roll (A)	pitch (E)	throttle (T)	yaw (R)	SA	SB	SC	SD	SE	SF

4.4 Power on/off

- **Power on:** short press and then long press the power button ⑥. The indicator lights light up one by one, accompanied by a “beep beep beep” sound – the radio transmitter is turned on.
- **Power off:** short press and then long press the power button again. The indicator lights turn off one by one, accompanied by a “beep beep beep” sound.
- Short press the power button to display the current battery level.
- A fully charged radio transmitter can be used continuously for about 8 hours.

Mode	LED indicator	Buzzer	Description
Working	blue light solid on	no	radio transmitter working
Wi-Fi	green light solid on	no	Wi-Fi mode
Throttle position warning	red light solid on	no	the throttle joystick is not in the lowest position – move it all the way down

4.5 Charging

To ensure safety during storage and transportation, the battery of the radio transmitter is shipped with about 80% charge. Please fully charge it before first use.

① Turn off the radio transmitter.

② Use the USB-C cable to connect the USB-C port ⑧ of the radio transmitter to a 5 V adapter.

③ Disconnect the adapter as soon as possible after charging is complete.

④ When using a 5 V / 3 A rapid charge adapter, the radio transmitter takes only about 40 minutes from low battery warning to full battery.

Status	LED indicators	Buzzer	Description
Low battery warning	orange light flashes four times, battery indicators turn off	“beep beep beep”	battery is too low – charge the radio transmitter
Charging	red light flashing, battery indicators light up one by one	no	charging in progress

Status	LED indicators	Buzzer	Description
Charging complete	green light flashing, battery indicators solid on	no	charging is complete

4.6 Binding with a receiver

① Turn on the radio transmitter.

② Put the receiver into binding mode. ELRS receivers usually enter it when powered on and off quickly 3 times – for the drone in this kit see section 6.3.

③ Long press the BIND button ⑦ at the bottom of the radio transmitter. The radio transmitter enters binding mode for up to 8 seconds.

④ After the binding is successful, the radio transmitter emits a successful connection tone and automatically exits binding mode.

- If the binding is not successful within 8 seconds, please repeat the above operation. To exit binding mode, short press the BIND button.
- After the receiver is successfully bound, it will automatically connect the next time it is turned on; there is no need to repeat the binding.

Status	LED indicator	Buzzer	Description
Binding	status indicator flashes red quickly 2 times	“beep beep”	binding in progress
Binding complete	–	one short and one long beep	binding complete
Disconnection warning	–	one long and one short beep	the receiver connection is interrupted – reconnect or rebind

4.7 Calibrating the joysticks

The joysticks are calibrated at the factory. Re-calibrate them only if the radio transmitter has been subjected to a violent impact, or if you notice a significant shift in the joystick signal after prolonged use. Calibration consists of two stages – first the center position, then the boundaries.

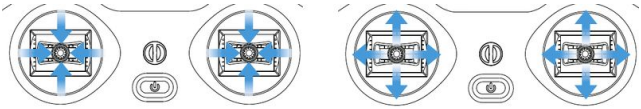
① Turn on the radio transmitter.

② Long press the SETUP button ⑨ at the bottom – the radio transmitter enters the first stage of calibration.

③ Move all joysticks to the middle position and briefly press SETUP. The radio transmitter records the center point and enters the second stage.

④ Gently move the joysticks to all four boundaries – up, down, left and right.

⑤ Short press SETUP again. The radio transmitter records the joystick boundaries and completes the calibration.



Left: joysticks centered (stage 1) · right: boundaries (stage 2)

Stage	LED indicator	Buzzer	What to do
Calibration center	red lights flash three times	“beep beep”	move all joysticks to the middle position
Calibration boundary	red lights flash three times	“beep beep”	move the joysticks to the four boundaries
Calibration complete	red lights flash three times	one short and one long beep	–

4.8 Connecting to a simulator

The radio transmitter can be connected with a USB-C cable to computers, phones and tablets for practicing in FPV simulators or DJI Virtual Flight.

In the power-on state, there is no signal output from the USB port of the radio transmitter. Always turn it off before connecting it to a computer.

▶ Joystick mode

Compatible with Windows and macOS computers and supports all major FPV simulators except DJI Virtual Flight. Connect the radio transmitter, turned off, to the computer with the USB-C cable – it will be identified as “BETAFPV Joystick”.

▶ Xbox mode

Used to practice DJI Virtual Flight or other FPV simulators that support Xbox mode; compatible with Windows and macOS computers, as well as Android phones and tablets. With the radio transmitter turned off, turn the left joystick to the lower right corner and the right joystick to the lower left corner and, in this position, connect it with the USB-C cable. The status indicator flashes white 3 times – the radio transmitter has entered Xbox mode and is recognized as “BETAFPV Joystick”.

※ If the cursor moves after connecting in Xbox mode under Windows, move the joysticks and three-position switches to the middle position and move the two-position switches to the left and right.

▶ **DJI Virtual Flight default control functions**

Control	Windows	Android
SD	Preset Function	Preset Function
SC	up and down: lens angle adjustment	lens angle adjustment
SB	up: S/N/W mode switching; down: viewpoint switching	S/N/W mode switching
SA	Preset Function	Restart
SF	start and stop	start and stop
SE	braking in S/N mode	View

Under Windows, switching is completed when switches SB and SC are returned to the center.

4.9 BETAFPV Configurator and firmware update

BETAFPV Configurator is a ground station application developed by BETAFPV for Windows, Linux and macOS. It can configure settings or upgrade firmware for LiteRadio series radio transmitters. Download: github.com/BETAFPV/BETAFPV_Configurator.

▶ **Connecting to BETAFPV Configurator**

① Turn off the radio transmitter and connect it to the computer with the USB-C cable.

② Open the BETAFPV Configurator application and switch to the radio transmitter configuration program.

③ Click the *connect radio transmitter* button in the upper right corner to enter the setup interface.

▶ **Upgrading the radio transmitter firmware**

① Turn off the radio transmitter and disconnect the USB cable.

② Press and hold the power button while holding down the SETUP button. The status indicator lights up blue with a “beep beep” sound – the radio transmitter enters firmware flash mode.

③ Connect the radio transmitter to the computer with the USB-C cable and switch to the radio transmitter configuration program in BETAFPV Configurator.

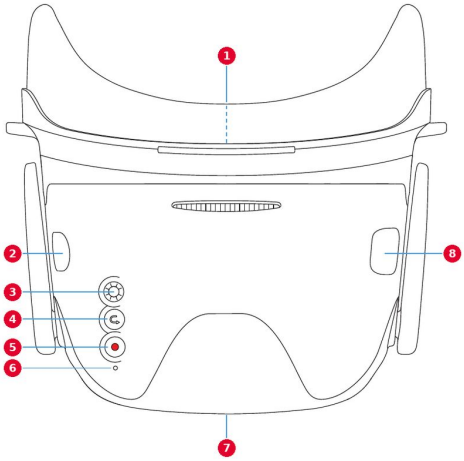
④ Click the *Firmware Flasher* button in the upper left and follow the *Steps of How to flasher* at the bottom of the window.

For detailed tutorials and the latest firmware, visit the manufacturer’s support page support.betafpv.com – Manual for LiteRadio 4.

5. VR04 HD Goggles

VR04 HD are FPV goggles for the ArtLynk digital video transmission system with low latency and high definition. They receive the video feed from the P1 VTX in the drone, display it on a 4.5″ screen and allow recording to a microSD card.

5.1 Goggles overview



Goggles controls and ports

No.	Component	Function
①	microSD card slot	supports up to 1 TB storage
②	DC5.5 power port	power from an external battery, voltage range 5.5–26.4 V, DC 5.5 × 2.1 mm connector
③	5D button	press: enter main menu; tilt up / down / left / right: navigation; press: confirm selection
④	Back button	return to the previous menu
⑤	Record button	start or stop recording when the video feed is connected
⑥	Bind button	enter binding mode for 30 seconds
⑦	LED indicator	power status (section 5.4)
⑧	USB-C port	after inserting the microSD card and connecting to a computer, you can operate the card as a disk

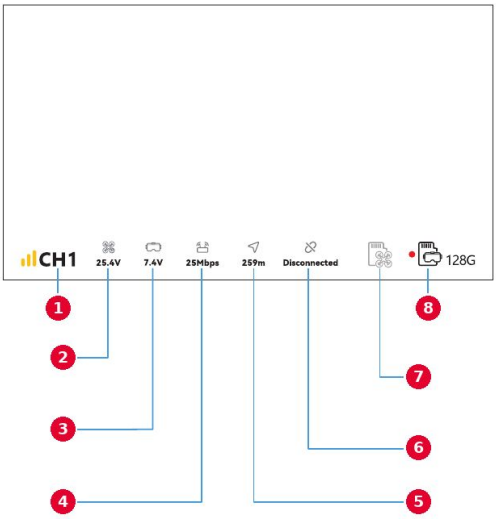
※ It is recommended to use an SDXC card with a speed class of V30/U3 or higher to prevent recording loss or errors.

5.2 Specifications

Parameter	Value
Model	VR04 HD
Dimensions	168.8 × 182.1 × 98.5 mm
Weight	400 g ± 10 g
Screen	4.5″, LCD, 1920 × 1080 at 60 Hz
Card slot	microSD, max. 1 TB
Frequency band	5.725–5.850 GHz (normal mode, section 5.7)
Transmit power (e.i.r.p.)	CE: < 14 dBm
Ports	USB-C, microSD slot, DC 5.5 × 2.1 mm
Transmission resolution	1080p at 60 fps
Video transmission bitrate	up to 25 Mbps
Transmission range	> 200 m – manufacturer’s data
Input voltage	5.5–26.4 V
Operating power	up to 5 W
Charging power	up to 15 W

5.3 Home screen

After powering on and completing startup, the default interface is the home screen. The bottom bar displays the key operating parameters.



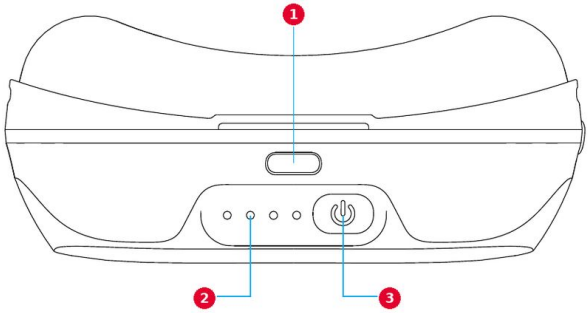
Bottom bar of the home screen

No.	Indicator	No.	Indicator
①	current channel	⑤	distance between the drone and the goggles
②	drone battery voltage	⑥	connection status
③	goggles supply voltage	⑦	status and remaining capacity of the drone's SD card
④	real-time bitrate	⑧	status and remaining capacity of the goggles' SD card

※ The SD card icon is gray when no card is inserted and in bright color when a card is inserted. A red dot flashes next to it during recording; Full is displayed when the card is full.

5.4 Power supply for the goggles

The goggles are powered by two **18650** cells (pack 7.4 V, 2600 mAh, 19.24 Wh) in the battery case on the headband, or by an external 2S–6S battery through the DC5.5 power port ② (voltage range 5.5–26.4 V).



Battery case on the headband

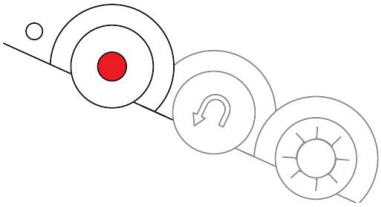
No.	Component	Function
①	USB-C charging port	charging the 18650 cells in the case (charging power up to 15 W)
②	battery indicator lights	display battery level
③	power button	short press: display battery level; short press once and long press: power on / off

- Insert the cells after removing the battery cover on the headband. Observe correct polarity.
- When powering via DC5.5: short press once and long press the power button ③, then plug the DC5.5 power cable into the goggles' power input port.
- When only the left battery indicator light is flashing, recharge the goggles in time – otherwise the screen will turn off due to low power.

Front LED indicator ⑦	Goggles status
off	powered off
stays on	powered on
flashing fast	low battery – below 5.5 V with a 2S power supply, below 3.5 V per cell with 3S, 4S and 6S

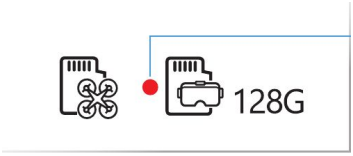
5.5 Recording and playback

After inserting a microSD card, the SD card icon changes from gray to bright, indicating that the card has been read successfully. When the goggles receive the video feed from the drone, short press the record button ⑤ to start recording; a red dot next to the SD card icon starts flashing. Short press again to stop recording and save.



Record button

After the flight, always stop the recording with the record button. Otherwise the recording may fail.

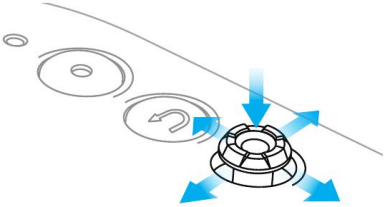


The flashing red dot shows that the recording is active

- **Playback:** select a video in the *Playback* menu. A short press of the 5D button plays the video, a long press deletes the video file. During playback, press the 5D button to pause / play and tilt it left and right to rewind / fast forward.
- When using a microSD card in the goggles for the first time, we recommend formatting the card. Formatting permanently deletes all data on the card.

5.6 Goggles menu

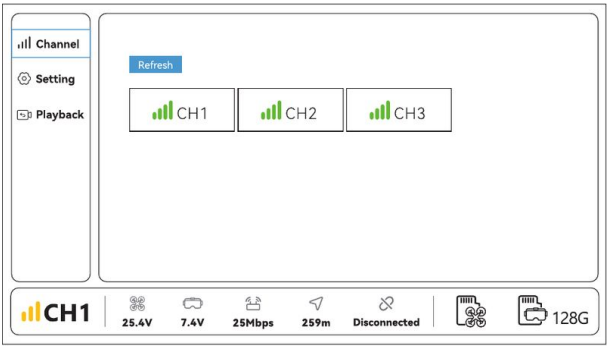
On the home screen, short press the 5D button to open the menu. Tilt the button up, down, left and right to select menu items and press it to confirm. Press the Back button to return to the previous menu.



5D button – press to open the menu, Back to exit

5.7 Channel interface (Channel)

The *Channel* menu shows the video channels and their signal strength. Click *Refresh* to refresh the intensity of all frequency bands. In normal mode, 3 channels are available; in racing mode, 16 channels.



Channel menu in normal mode

▶ Normal mode – 3 channels (all permitted in the Czech Republic)

Channel	Frequency (MHz)	In CZ
1	5758 (5753–5763)	yes
2	5788 (5783–5793)	yes
3	5828 (5823–5833)	yes

▶ **Racing mode – 16 channels**

Channel	Frequency (MHz)	In CZ	Channel	Frequency (MHz)	In CZ
1	5658 (5653–5663)	no	9	5620 (5615–5625)	no
2	5695 (5690–5700)	no	10	5580 (5575–5585)	no
3	**5732 (5727–5737)**	**yes**	11	5540 (5535–5545)	no
4	**5769 (5764–5774)**	**yes**	12	5500 (5495–5505)	no
5	**5806 (5801–5811)**	**yes**	13	5460 (5455–5465)	no
6	**5843 (5838–5848)**	**yes**	14	5420 (5415–5425)	no
7	5880 (5875–5885)	no	15	5380 (5375–5385)	no
8	5917 (5912–5922)	no	16	5340 (5335–5345)	no

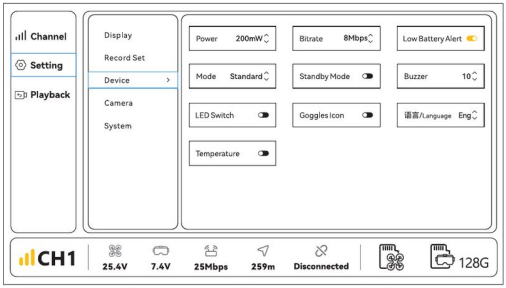
In racing mode, only channels 3, 4, 5 and 6 (in bold) lie in the band permitted in the Czech Republic (5725–5875 MHz). Do not use the other racing mode channels in the Czech Republic or the EU – including channel 16, which the manufacturer recommends for avoiding Wi-Fi interference (section 3.6).

※ The manufacturer's original manual states the range of channel 10 incorrectly (5615–5625 MHz); the table shows the range corresponding to the 5580 MHz center frequency and a 10 MHz channel width.

5.8 Settings interface (Setting)

The *Setting* menu has the following sections:

Menu	What you can set
Display	screen brightness (Brightness), focus mode (Focus Mode), OSD position (OSD Position), viewfinder (Viewfinder)
Record Set	recording and SD card: recording device (RecDevice), automatic recording (Auto Rec), loop recording (Rec Loop), file length (RecTime), SD card formatting (Format SD Card)
Device	parameters of the video link and goggles – see the figure below
Camera	camera parameters: exposure (EV), saturation (Saturation), sharpness (Sharpness), white balance (WB), image rotation (Rotate), aspect ratio (Ratio), noise reduction (3D DNR), zoom (Zoom)
System	firmware update (Update), device information (Device Info), factory reset (Reset All)



On the Device interface, you can configure parameters for the goggles.

Device menu

The *Device* menu contains, among others, the items *Power* (transmit power; 200 mW in the screenshot), *Bitrate*, *Mode* (normal or racing channel mode), *Standby Mode* (VTX standby mode), *Low Battery Alert*, *Buzzer* (buzzer volume), *LED Switch*, *Goggles Icon*, language (*Language*) and *Temperature*.

In the Czech Republic and the EU, the VTX may transmit with a power of no more than 25 mW e.i.r.p. The 200 mW value corresponds to the FCC/SRRC mode and is not permitted in the EU – see section 3.6.

5.9 Playback interface (Playback)

In the *Playback* menu, you can review recorded videos (section 5.5). The *OSD* switch enables showing or hiding the drone's flight data on the recorded video.

6. Getting Started and Flying

The drone is factory assembled and pre-configured – channel mapping, switch functions, motor direction and OSD are set up, and no modification in Betaflight is required for the first flight.

6.1 Charging the batteries

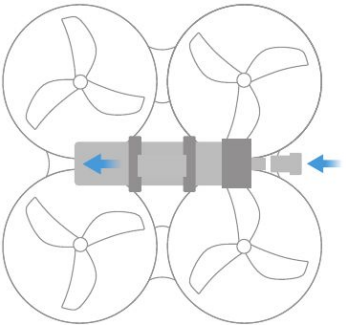
Before the first flight, fully charge the flight batteries, the goggles and the radio transmitter. Charge the flight batteries with the **BT2.0 1S** charger included in the kit:

Parameter	Value
Input	USB-C, 5 V / 2 A
Output	4.35 V / 1 A, two BT2.0 ports (OUT1, OUT2) simultaneously
LED indicator	red: charging · green: fully charged
Voltage tester	without input power connected, the OUT1 port serves as a voltage tester; OUT2 then has no function

- Connect the charger to a 5 V adapter with the USB-C cable. Plug the battery with its BT2.0 connector into the OUT1 or OUT2 port.
- The charger charges to 4.35 V per cell – use it only for LiHV batteries.
- Keep charging under supervision and disconnect the batteries once charged. Charge on a non-flammable surface, away from flammable and explosive materials.
- Charge the radio transmitter according to section 4.5 and the goggles according to section 5.4.

6.2 Battery installation

Insert a fully charged battery (4.35 V) into the slot at the bottom of the drone and connect it to the power connector. This powers on the drone. To turn it off, disconnect the battery.



Inserting the battery into the slot and connecting the connector

6.3 Binding the drone to the radio transmitter (ExpressLRS)

① Power cycle the drone 3 times rapidly by connecting and disconnecting the battery, then leave it connected. The receiver LED flashes double green, indicating the drone has entered binding mode.

② Set your radio transmitter into binding mode – long press the BIND button ⑦ (section 4.6).

③ The receiver LED turns solid green, indicating a successful binding.

④ If binding is not successful within 8 seconds, please repeat the steps above.

- Before binding, ensure that the protocol of your radio transmitter matches the drone (ExpressLRS 2.4 GHz) and that the channels are correctly configured (section 6.5). The radio transmitter must have the same major ExpressLRS firmware version as the drone's receiver.
- Once bound, the drone and radio transmitter will connect automatically upon power-up; re-binding is not required.
- For details on the ExpressLRS system, visit www.expresslrs.org.

6.4 Binding the drone to the goggles

Turn on the drone and the goggles and keep them within 2 m of each other. Both devices should be updated to the latest firmware (section 7.3).

Step	P1 VTX (drone)	VR04 HD goggles
1	when powered on, the light shows solid red	when powered on, the start-up screen appears on the display
2	short press the bind button – the light flashes green quickly for around 30 seconds	short press the bind button ⑥ – the buzzer emits a “beep... beep... beep...” prompt
3	the light turns from flashing green to solid green – binding successful	the buzzer emits a long “beep” and the video feed is displayed – binding successful

- If the binding fails, please repeat step 2. If the binding fails due to VTX overheating, power off the drone, allow the VTX to cool down and then rebind the devices.
- The goggles can also be bound with other ArtLynk units; for the procedure, refer to the manual of the specific device.

※ Before use, please make sure that the goggles are charged and the headband is correctly installed and adjusted.

6.5 Arm, Disarm and flight modes

The drone is factory-configured so that the switches of the LiteRadio 4 SE radio transmitter control the following functions (channels according to section 4.3):

Function	Channel	Switch	Active in position
ARM – arming the motors (Arm / Disarm)	AUX1 (CH5)	SA	up (High)
ANGLE – self-level mode	AUX2 (CH6)	SB	down (Low)
HORIZON – self-level mode allowing flips	AUX2 (CH6)	SB	middle (Mid)
FLIP OVER AFTER CRASH – Turtle mode	AUX3 (CH7)	SC	up
BEEPER – buzzer for locating the drone	AUX4 (CH8)	SD	up

- **Arm (motors on):** place the drone on a flat surface and step away from it. Move the throttle stick to the lowest position and flip SA. Then take off using the throttle.
- **Disarm (motors off):** flip SA back – the motors stop immediately. In a dangerous situation, disarm at once.

- **Flight modes:** as a beginner, use ANGLE mode, in which the drone levels itself when you release the right stick. With SB in the upper position, the drone flies in Acro mode (no self-leveling). AIR MODE is permanently enabled in the firmware.
- **Turtle:** if the drone lands upside down after a crash, disarm, flip SC up, arm again and flip the drone over with the right stick. Then disarm again, flip SC back and only then arm for flight.
- **Failsafe:** if the signal from the radio transmitter is lost, the drone stops the motors and falls. Fly only within signal range.

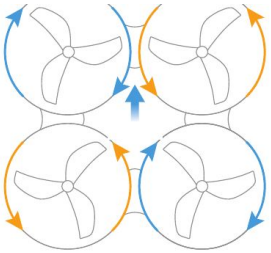


Modes tab – default function assignment in Betaflight Configurator

※ You can check which switches correspond to channels AUX1–AUX4 in the *Modes* tab of Betaflight Configurator: when you flip a switch, the yellow marker of the corresponding channel moves. If you modify any settings, remember to click *Save* to apply the changes.

6.6 Motor direction and propeller installation

The default motor direction is set to “Props in” (inward rotation). Install the propellers following the diagram – the blue and orange arrows show the direction of rotation, the arrow in the middle shows the direction of flight. Each propeller must match the direction of rotation of its motor (CW and CCW propellers); a propeller installed the wrong way prevents take-off or flips the drone over after Arm.



Motor and propeller rotation direction (center arrow = direction of flight)

Always replace propellers with the battery disconnected. Tighten screws and small parts gently with the Phillips screwdriver from the kit – the threads in the plastic

frame strip easily.

6.7 Pre-flight check

- Inspect all motors and propellers to ensure they are installed securely. Check for any looseness, deformation or damage.
- Confirm that a fully charged battery (4.35 V) is securely seated in the slot and firmly connected to the battery connector, the drone is powered on and all status LEDs are functioning normally.
- Verify that the drone, radio transmitter and goggles are fully charged and that the connection is stable.
- Check that the goggles use a channel permitted in the country of operation and that the power complies with section 3.6.
- Check the geographical zones, display the operator registration number on the drone and, when flying with goggles, have a spotter.
- Ensure that the flight complies with local laws and regulations and with the warnings in chapters 1 and 3.

6.8 Voltage monitoring and ending the flight

The drone battery voltage is displayed on the home screen of the goggles (section 5.3) and in the OSD. The low battery warning is set to 3.45 V by default. End the flight and land at a voltage of **3.5 V** (1S battery) at the latest. After landing, first disarm, then disconnect the battery and only then turn off the goggles and the radio transmitter.

7. Maintenance, Troubleshooting and Support

7.1 After each flight

- Disarm, disconnect the battery and let it cool down before charging.
- Check the propellers, frame, canopy, antenna and camera. Replace damaged propellers – even a small crack causes vibrations.
- Remove hair, dust and dirt from the motors.
- If the drone has landed in a wet place, do not power it on until it is completely dry.
- Turn off the goggles and the radio transmitter after use and store them in a safe place.

7.2 Storage and care

- Store the flight batteries at 3.8 V per cell, in a dry place, out of the reach of children and away from flammable materials. Do not store the drone with the battery connected; use the case from the kit for transport.
- If the goggles are not used for a long time, charge them at least every three months – otherwise the battery will be damaged.
- After the low battery alarm, stop using the goggles and recharge them as soon as possible. Otherwise, they may shut down or the battery may be damaged.
- **Avoid direct sunlight on the goggles' lenses** – concentrated light may cause screen burns.

7.3 Firmware update of the goggles and VTX

The firmware of the P1 VTX in the drone is updated via the goggles. The latest firmware and release notes are available on the support page support.betafpv.com – Firmware for VR04 HD.

① Copy the firmware for the drone and the goggles to a microSD card and insert the card into the goggles.

② Power on the drone and the goggles and ensure they are successfully connected.

③ In the menu, select *Setting* → *System* → *Update* and start the upgrade – the drone and the goggles are upgraded simultaneously.

④ After the upgrade is successful, restart the drone and the goggles.

- If you want to upgrade only the drone or only the goggles, simply copy the corresponding firmware file to the card.
- Make sure the devices are fully charged before upgrading and do not turn off the power during the upgrade. The upgrade takes some time – please wait patiently for it to complete.

- After the upgrade, the settings are reset to default values – set them again, in particular the channel and power according to section 3.6.
- The goggles and the VTX must have the same major firmware series: the V2 series is not compatible with the V1 series and the devices will not bind with each other. When migrating, first align the firmware series of the goggles and the VTX and only then update the VTX. For use with ArtLynk devices from other manufacturers, the manufacturer requires V2 series firmware.

7.4 Flight controller settings and firmware

- Connect the flight controller to a computer with the USB-C adapter from the kit via the SH1.0 port. Settings are made in Betaflight Configurator.
- The flight controller is manufactured with either a BMI270 or an ICM42688P gyroscope. The Betaflight firmware and configuration (CLI) differ for the two types – never flash official Betaflight firmware from other sources. Use only files published by the manufacturer for this drone and gyroscope type: support.betafpv.com – CLI for Meteor75 Pro P1. You can find out the gyroscope type in Betaflight Configurator (*status* command in the CLI tab).
- If you modify any settings, remember to click *Save*. Changes to settings beyond the manufacturer's instructions may void the class C0 compliance (section 3.2).

7.5 Troubleshooting

Problem	Cause and solution
The drone does not respond to the radio transmitter, the receiver LED is not solid green	The drone is not bound. Bind it (section 6.3). Make sure the radio transmitter uses ExpressLRS 2.4 GHz with the same major firmware version.
The motors do not start (Arm)	The throttle is not in the lowest position (the radio transmitter LED is red) or there is no connection to the radio transmitter. Check the AUX1 assignment in the *Modes* tab (section 6.5).
The drone flips over after Arm or does not take off	The propellers are installed the wrong way or on the wrong motors (section 6.6).
No image in the goggles	The goggles are not bound to the drone or have a different firmware series (sections 6.4 and 7.3). Check the drone's antenna.
Goggles binding fails	The VTX is overheated – power off the drone, let it cool down and repeat the binding.
Image interference, short range	Select another permitted channel (section 5.7), fly away from sources of Wi-Fi interference and with fewer obstacles.
OSD is missing in the image	In the *Ports* tab, UART4 must have the *VTX (MSP + Displayport)* peripheral (section 2.7).
Short flight time	The battery is not fully charged or is worn out. Charge it to 4.35 V.
The radio transmitter does not connect to the computer	There is no signal on the USB port while the radio transmitter is on – turn it off before connecting (section 4.8).

7.6 Manufacturer and technical support

For questions and warranty claims, please contact the seller or the importer (section 8.1). Technical support, firmware and further documentation in English are provided by the manufacturer.

Manufacturer	Shenzhen Baida Moxing Co., Ltd. (BETAFPV)
Address	Room 2005-2, Building 6, Phase II (Lot 02-07), Tian'an Cloud Park, Gangtou Community, Bantian Street, Longgang District, Shenzhen, Guangdong, China
Web	betafpv.com
E-mail	support@betafpv.com
Support and manuals	support.betafpv.com

8. Information for the EU and Czech Market

8.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

8.2 Product conformity

CE

- The product bears the **CE** marking and complies with the requirements of the applicable European Union harmonisation legislation.
- A copy of the **EU Declaration of Conformity** is available from the importer at the address stated above or at the e-mail address info@rotorama.cz.
- **Product identification:** the type designations (Meteor75 Pro P1, VR04 HD, LiteRadio 4 SE) and the serial or batch number are given on the product or its packaging; the C0 class identification label is on the packaging. The goggles firmware version can be found in *Setting → System → Device Info*.

8.3 Disposal of electrical equipment and batteries



- The crossed-out wheeled bin symbol on the product, its packaging or in the documentation means that at the end of its service life the product **must not be disposed of together with mixed municipal waste**.
- Hand it over at a take-back point for electrical equipment – at a collection yard, at a take-back point of a collective system, or at the retailer when purchasing a new equivalent product. Take-back is free of charge for the end user.
- The product contains a built-in rechargeable battery. Where possible, hand it over together with the device – do not dispose of the battery in mixed waste or in fire.
- The obligations under Act No. 542/2020 Coll., on end-of-life products, are fulfilled by the importer through a collective take-back system.
- Proper disposal helps prevent negative impacts on the environment and human health and contributes to the reuse of secondary raw materials.

Through its contractual partner **ASEKOL a.s.**, the company ensures the take-back of waste electrical equipment from households and the separate collection of waste electrical equipment, batteries and accumulators in accordance with the applicable legislation. The customer is entitled to hand over old electrical equipment or a battery or accumulator at any collection point of the above contractual partner. The addresses of these take-back points are listed at www.asekol.cz, www.ecobat.cz and also https://visoh2.mzp.cz/RegistrMistZO/RegistrMistZOPublic/MapaMistZpetOdberu.

9. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection. The manufacturer does not issue its own warranty terms for this product.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 8.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.