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Link do produktu: https://www.nobshop.pl/dron-newbeedrone-acrobee75-blv5-bnf-elrs24g-2s-the-ultimate-outdoor-whoop-p-4851.html



Dron NewBeeDrone AcroBee75 BLV5 BNF ELRS2.4G 2S - The Ultimate Outdoor Whoop

Cena brutto	**839,99 zł**
Cena netto	**682,92 zł**
Dostępność	**Aktualnie niedostępny**
Czas wysyłki	**1 - 3 dni**
Producent	**NewBeeDrone**

Opis produktu

NewBeeDrone AcroBee75 BLV5 BNF ELRS2.4G 2S - The Ultimate Outdoor Whoop

The **NewBeeDrone AcroBee75 BLV5 BNF ELRS2.4G 2S** is the latest in our annual BeeBrain series, showcasing the 5th generation of our flagship flight controller. Every year, we raise the bar by introducing cutting-edge improvements, and the BLV5 is no exception. This powerful 75mm analog whoop pairs the advanced BeeBrain BLV5 flight controller with a robust hardware setup, including 0804 14000KV motors on a 2S power configuration, delivering incredible power and long flight times.

Even with a compact 450mAh 2S battery, the **NewBeeDrone AcroBee75 BLV5 BNF ELRS2.4G 2S** achieves an impressive 4:30 minutes of freestyle flight and up to 6:30 minutes of hovering. With a TXCO UART-based ELRS diversity receiver for extended range and a 400mW VTX featuring smart power control, this whoop is designed to provide stable connectivity and performance, making it the perfect companion for outdoor adventures.

Built with the FPV community in mind, the **NewBeeDrone AcroBee75 BLV5 BNF ELRS2.4G 2S** reflects our commitment to innovation and excellence. Whether you’re racing or practicing freestyle, the **NewBeeDrone AcroBee75 BLV5 BNF ELRS2.4G 2S** offers the agility, range, and reliability you need to excel, making it the ultimate choice for pilots seeking a versatile and high-performing whoop.

Warning: All order will now ship with Caddx Ant nano 1200TVL Camera.

Key Features:

Upgraded BeeBrain BLV5 Flight Control:

STM32G474 MUC
Double N-MOS 1 Channel 18A Running Z-H-40 - Bluejay 0.19.2 48KHz
TCXO Crystal Oscillator ELRS 2.4G Diversity receiver Non-PI
MPU6000 Gyro

Smart-Max VTX Power Control Technology

Intelligent Smart-Max Power Control: Smart-Max technology dynamically adjusts VTX power output based on real-time temperature monitoring to prevent overheating and protect your VTX hardware. It automatically reduces power when needed and boosts output to 400mW when temperatures allow, ensuring maximum signal strength and stable video transmission.

Features a 3-level power switch:

25mW (Short-range flying)

100mW (Medium-range flying)
400mW (Long-range flying) **Smart-Max**

Brushless Motor:

Flow 0804 14000KV Brushless Motor
Longevity and enhanced power
Great for 1S and 2S battery setups

Fly with Confidence:

Includes accessories to improve durability (prop guards)
TCXO Crystal Oscillator ExpressLRS dual-antenna receiver delivers rock-solid signal transmission, making it perfect for any flight environment
NewBeeDrone Cockroach75 frame with a lifetime warranty, designed to withstand the toughest conditions and provide long-lasting performance.

High-Performance Camera:

Caddx Ant Nano 1200TVL Camera with Goober Canopy V2, ⅓ inch sensor offering enhanced low-light performance and better protection
Adjustable angle for different flying styles

Unleash Your Power:

Carbon Fiber Baseplate provides the most robust frame performance
Sturdy design for freestyle flying or racing

Ready to Fly:

Professionally tuned PID settings for out-of-the-box performance, allowing you to fly confidently right from the start.
No need for additional setup—just power up and take off!

Compact Size:

75mm frame size
Weight: 36.4g (without battery)
Fits standard 1S and 2S batteries

Enjoy longer flights with high-capacity battery

2S 550mAh:

Up to 6mins 30s Flight time
Up to 7mins 30s Hovering Time

2S 650mAh:

Up to 7mins 30s Flight Time
Up to 9mins Hovering Time

2S 850mAh:

Up to 9mins Flight Time
Up to 11mins Hovering Time

The flight time was measured under ideal conditions and may vary depending on actual flying habits and environment

NewBeeDrone BeeBrain BLV5 Flight Control Specs:

MCU: **STM32G474** 216MHz
Gyro: **MPU6000**
VTX: 25mw/100mw/**Smart-Max**(400mw)
Camera: Caddx Ant Nano 1200TVL
ESC: **Double N-MOS** 1 Channel 18A Running Z-H-40 Bluejay 0.19.2 48KHz
Motor Plug: JST-1.0 3Pin

Receiver: Built-in **TCXO** Crystal Oscillator ExpressLRS 2.4GHz Diversity Receiver(Uart Base)
Flight Control Weight: 5.8g
Flight Control Size: 29x29x7.6mm 25.5x25.5mm
Battery Input: 1s-2s

Drone Specs:

Drone Size: 75mm
Frame: NewBeeDrone 75mm Cockroach75 Brushless Extreme-Durable Frame& Carbon Fiber
Propeller: NewBeeDrone Azi 40mm (Tri-Blade) Micro propellers
Flight controller:BeeBrain BLV5 flight controller
Motors: Flow 0804 14000KV Brushless Motor
Camera Mount: Goober Canopy V2
Camera: Caddx Ant Nano 1200TVL
VTX Antenna：NewBeeDrone BeeTX 5.8Ghz Antenna
Receiver Antenna：NewBeeDrone BeeT-Antenna 60mm for ExpressLRS(ELRS) 2.4GHz receiver MHF3 Connector

Recommend battery: Tattu 2S Battery
2S 550mAh
2S 650mAh
2S 850mAh

What comes in the box

AcroBee75 BLV5 Drone * 1
NewBeeDrone Azi 40mm (Tri-Blade) * 1 set
Accessory Pack (spare screws + nylon zip ties) * 1
User Manual * 1

Additional Features/Notes:

Designed for ease of use and adaptability, allowing different power settings and battery configurations for varied flying conditions.

Battery mount 3D Printed file: Download

ELRS 3.X Receiver Binding Instructions

1. Power On the Receiver: Connect the receiver to a USB port or power it on three times. The blue indicator LED will start a double-blink pattern, signalling that it’s ready for binding. Ensure you are using firmware version 3.x to enable successful binding.
2. Prepare Your Remote Controller:
3. Start the Binding Process:

Make sure both devices are running compatible firmware versions to ensure a smooth binding process.

If you mess up the setting?

Important Notice: If you experience issues with your drone, DO NOT flash the firmware. Simply perform a factory **reset** using the configuration tool (e.g., Betaflight Configurator) and then do an accelerometer calibration. For further assistance, please contact our support team at support@newbeedrone.com

Firmware: Download