

ELRS Configurator

Dan Benson



Debut Video
Capture So...



cker... edgetx-flas...
cut



companion...
- Shortcut



ExpressLRS
Configurator





Configurator



Backpack



Logs



Settings



Support



Firmware version

OFFICIAL RELEASES



Show pre-releases

Releases

3.6.3



RELEASE NOTES



There is a newer version of the firmware available



Target

Device category



Device



Configurator

Backpack

Logs

Settings

Support

Firmware version

OFFICIAL RELEASES

☐ Show pre-releases

Releases

3.6.3

4.0.0

3.6.3

3.6.2

3.6.0

3.5.6

3.5.5

3.5.4

3.5.3

Target

Device category

|



Device



Device options



Notice

Please select a firmware version first.

ORBIT 2.4 GHz

Oxbot 2.4 GHz

QuadKopters 2.4 GHz

RadioMaster 2.4 GHz

RadioMaster 900 MHz

RadioMaster Dual Band

SEQUIRE 2.4 GHz

SEQUIRE 900 MHz

Device category

Device

Device category

RadioMaster 2.4 GHz

Device

RadioMaster Boxer Internal 2.4GHz TX

RadioMaster ER3C-i 2.4GHz PWM RX

RadioMaster ER4 2.4GHz PWM RX

RadioMaster ER5A/C 2.4GHz PWM RX

RadioMaster ER5A/C V2 2.4GHz PWM RX

RadioMaster ER5C-i 2.4GHz PWM RX

RadioMaster ER6 2.4GHz Diversity+6xPWM RX

RadioMaster ER6-G 2.4GHz Diversity+6xPWM RX

Flashing Options

Device category

RadioMaster 2.4 GHz

Device

RadioMaster RP1 2.4GHz RX

Flashing Method

☐ Betaflight Passthrough ? ☐ UART (Serial) ? ☒ Wi-Fi ?

Device options [RESET](#)

Regulatory domains 2.4 GHz band

☐ 2.4 GHz LBT (Listen Before Talk) ?

☒ 2.4 GHz ISM (Standard) ?

Network

☐ Wi-Fi name (SSID) ?

☐ Wi-Fi password ?

Actions

WIFI DEVICES

MANUAL

WiFi Device Selection

Default (10.0.0.1)



Flashing Options



Force Flash

BUILD

FLASH

C:\Users\Danor\AppData

Local > Temp > radiomaster.rx_2400.rp1.wifi_JdADTa

Search radiomaster.rx_2400

New

Sort

View

Extract all

Details

Home

Gallery

OneDrive - Personal

Desktop

Downloads

Documents

Pictures

Music

Videos

skyHunter

Missions

100MEDIA

EFLAPS_April26

Dropbox

.dropbox.cache

This PC

Fusion

Local Disk (C:)

Google Drive (G:)

SD_Card (J:)

SD_Card (J:)

DCIM

MISC

Network

Name	Date modified	Type
firmware.bin.gz	4/22/2026 7:07 PM	Compressed Archive...

firmware.bin.gz

Share

Details

Type

Size

File locati...

Date mod...

Compressed Archive...

393 KB

C:\Users\Danor\AppData...

4/22/2026 7:07 PM

Properties

Build

 Verifying build system

 Downloading firmware

 Compiling firmware

Result

 Success!

 Build notice
Firmware binary file was opened in the file explorer

Actions

BACK

FLASH ANOTHER



CBMiWmh0...



MissionPla...
- Shortcut



BLHeliSuite3...
- Shortcut



7:18 PM
4/22/2026

← Wi-Fi



BensonsNewTpLink 2
Connected, secured



Disconnect



BensonsNewTpLink



ExpressLRS RX



Pandora



GRBL
HotWire M...

← Wi-Fi



BensonsNewTpLink 2
Connected



ExpressLRS RX
Secured



Connect automatically

Connect



BensonsNewTpLink



BensonsNewTpLink

More Wi-Fi settings



v-9.0



inav-9.0.2

←

↺

🏠

⚠ Not secure 10.0.0.1

☆

🔍

🟢 a

🟠 S

⚙

☆

👤

⋮

🗨 Chat

📄

🔍 Retrovo

🟢 Windows Marketpl...

🟢 Customize Links

📺 Fry's Electronics |

🟠 Markets

🌈 MSN.com

🟢 Customize Links

📺 Volume III - Semic...

>

📁 Other favorites



ExpressLRS

Firmware Rev. 3.4.2 (9cf338)

MODEL

OPTIONS

WIFI

UPDATE

ExpressLRS

Firmware Rev. 3.4.2 (9cf338)

MODEL

OPTIONS

WIFI

UPDATE

PWM Output

Set PWM output mode and failsafe positions.

- **Output:** Receiver output pin
- **Features:** If an output is capable of supporting another function, that is indicated here
- **Mode:** Output frequency, 10KHz 0-100% duty cycle, binary On/Off, DShot, Serial, or I2C (some options are pin dependant)
 - When enabling serial pins, be sure to select the **Serial Protocol** below and **UART baud** on the **Options** tab
- **Input:** Input channel from the handset
- **Invert:** Invert input channel position
- **750us:** Use half pulse width (494-1006us) with center 750us instead of 988-2012us
- **Failsafe**
 - "Set Position" sets the servo to an absolute "Failsafe Pos"
 - Does not use "Invert" flag
 - Value will be halved if "750us" flag is set
 - Will be converted to binary for "On/Off" mode (>1500us = HIGH)
 - "No Pulses" stops sending pulses
 - Unpowers servos

Binding Phrase

☐ Never store bind information across reboots (volatile binding)

Enter a new binding phrase to replace the current binding information. This will persist across reboots, but **will be reset** if the firmware is flashed with a binding phrase. Note: The Binding phrase is not remembered, it is a temporary field used to generate the binding UID.

Binding Phrase

Binding Phrase

Serial Protocol

Set the protocol used to communicate with the flight controller or other external devices.

Serial Protocol

CRSF

Model Match

Specify the 'Receiver' number in OpenTX/EdgeTX model setup page and turn on the 'Model Match' in the ExpressLRS Lua script for that model. 'Model Match' is between 0 and 63 inclusive.

☐ Enable Model Match

Model ID

255

Model Match

Specify the 'Receiver' number in OpenTX/EdgeTX model setup page and turn on the 'Model Match' in the ExpressLRS Lua script for that model. 'Model Match' is between 0 and 63 inclusive.

☐ Enable Model Match

Model ID

255

Force telemetry off

When running multiple receivers simultaneously from the same TX (to increase the number of PWM servo outputs), there can be at most one receiver with telemetry enabled.

Enable this option to ignore the "Telem Ratio" setting on the TX and never send telemetry from this receiver.

☐ Force telemetry OFF on this receiver

SAVE

[Reset all model settings to defaults \(includes binding\).](#)

MODEL

OPTIONS

WIFI

UPDATE

Here you can join a network and it will be saved as your Home network. When you enable WiFi in range of your Home network, ExpressLRS will automatically connect to it. In Access Point (AP) mode, the network name is ExpressLRS TX or ExpressLRS RX with password "expresslrs".

- ☒ Set new Home network
- ☐ One-time connect to network, retain Home network setting
- ☐ Start AP mode, retain Home network setting
- ☐ Forget Home network setting, always use AP mode

WiFi SSID

SSID

WiFi password

CONFIRM

[Connect to Home network:](#)

MODEL

OPTIONS

WIFI

UPDATE

Firmware Update

Choose a file to update module firmware. Select the correct .bin file for Unified_ESP8285_2400_RX otherwise a bad flash may occur. If this happens you will need to recover via USB/Serial. You may also download the [currently running firmware](#).

Do NOT decompress/unzip/extract the firmware.bin.gz file, upload the file as it is.

SELECT FIRMWARE FILE

or drop firmware file here



» This PC » Google Drive (G:) » My Drive » Dans » OwnersManuals » Matek » ELRS-R24P »



New folder

ads

ents

er

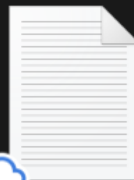
OIA

April26

hots



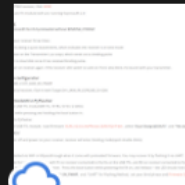
firmware.bin.gz



MATEK_2400_RX_
PWM-2.5.1.bin



Screenshot
2022-03-08
183100.png



Screenshot
2022-03-08
183223.png



Screenshot
2023-05-14
135800.png



Update Succeeded

Update complete. Please wait for the LED to resume blinking before disconnecting power.

OK