

GEPRC Stable F7 V1.0 Instruction Manual

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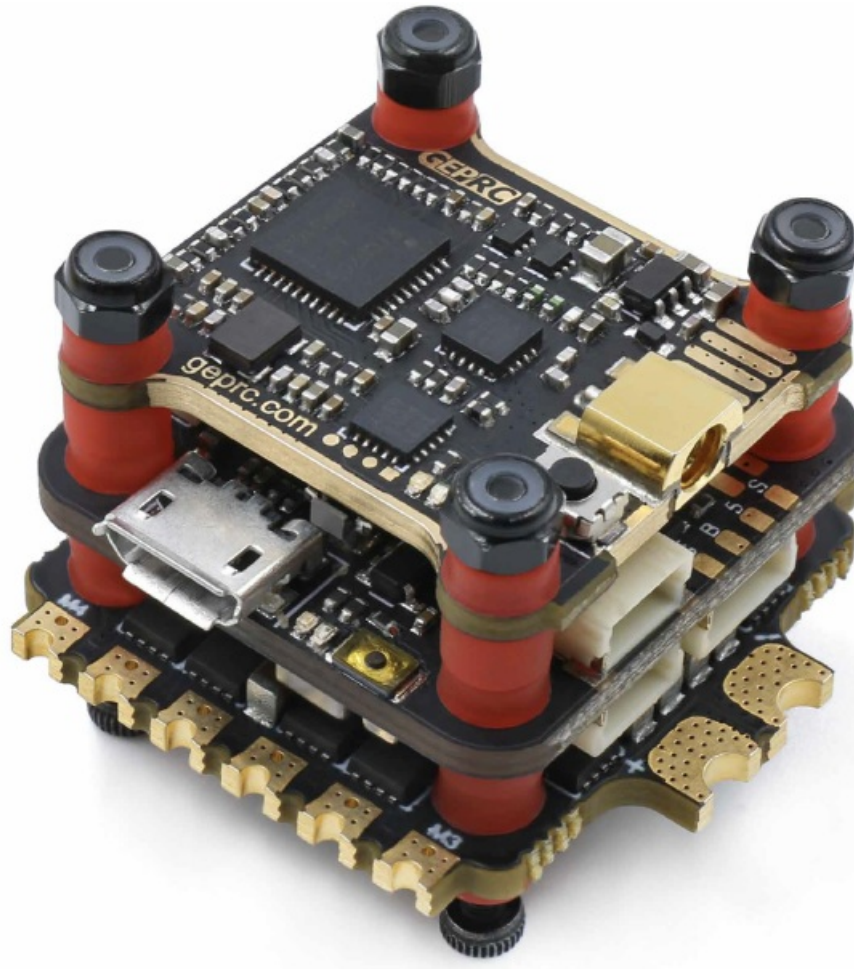
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GEPRC Stable Firmware Target:EXF722DUAL



How to connect the receiver?

Frsky XM+ Receiver



Frsky XM+ Receiver

Ports

Identifier	Configuration/MSP	Serial Rx	Telemetry Output
USB VCP	<input checked="" type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾
UART1	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾
UART2	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾
UART3	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾
UART4	<input type="checkbox"/> 115200 ▾	<input checked="" type="checkbox"/>	Disabled ▾ AUTO ▾
UART5	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾

Receiver

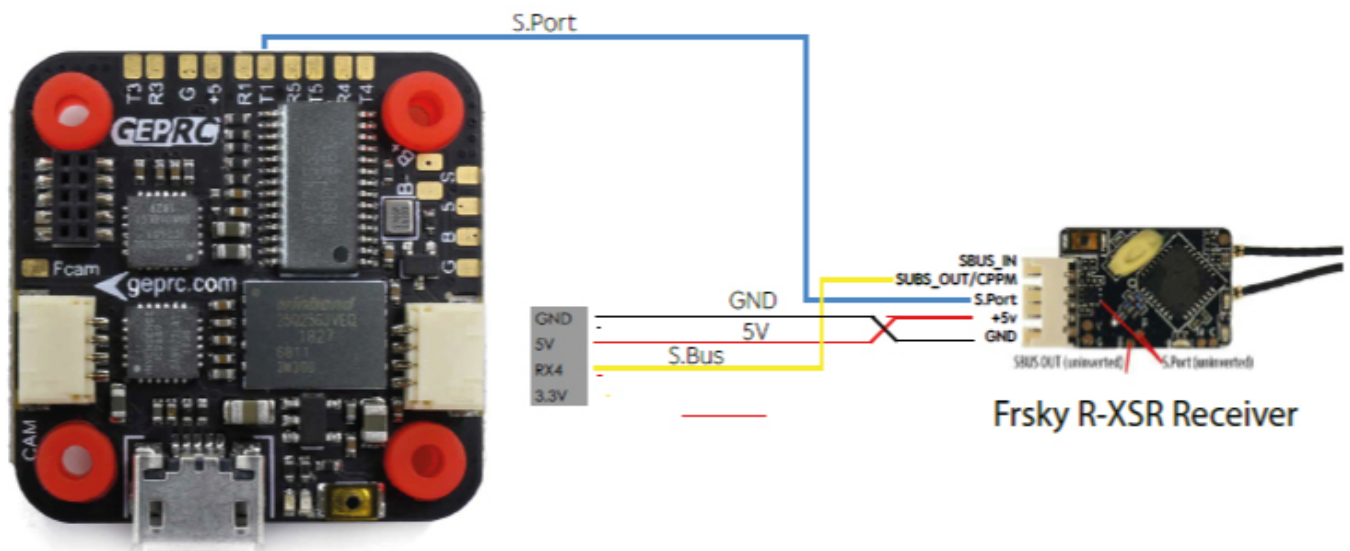
Receiver

Serial-based receiver (SPEKSAT, SBUS, ▾) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.

SBUS ▾ Serial Receiver Provider

Frsky R-XSR Receiver



Ports

Identifier	Configuration/MSP	Serial Rx	Telemetry Output
USB VCP	<input checked="" type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾
UART1	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	SmartPort ▾ AUTO ▾
UART2	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾
UART3	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾
UART4	<input type="checkbox"/> 115200 ▾	<input checked="" type="checkbox"/>	Disabled ▾ AUTO ▾
UART5	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾

Receiver

Receiver

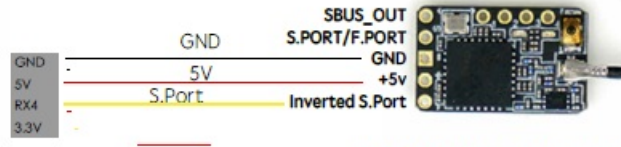
Serial-based receiver (SPEKSAT, SBUS, ▾) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.

SBUS ▾

Serial Receiver Provider

Frsky R9mm Receiver



Frsky R9mm Receiver

Port

Note: not all combinations are valid. When the flight controller firmware detects this the serial port configuration will be reset.

Note: Do **NOT** disable MSP on the first serial port unless you know what you are doing. You may have to reflash and erase your configuration if you do.

Identifier	Configuration/MSP	Serial Rx	Telemetry Output
USB VCP	<input checked="" type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾
UART1	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾
UART2	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾
UART3	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾
UART4	<input type="checkbox"/> 115200 ▾	<input checked="" type="checkbox"/>	Disabled ▾ AUTO ▾
UART5	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾

Receiver

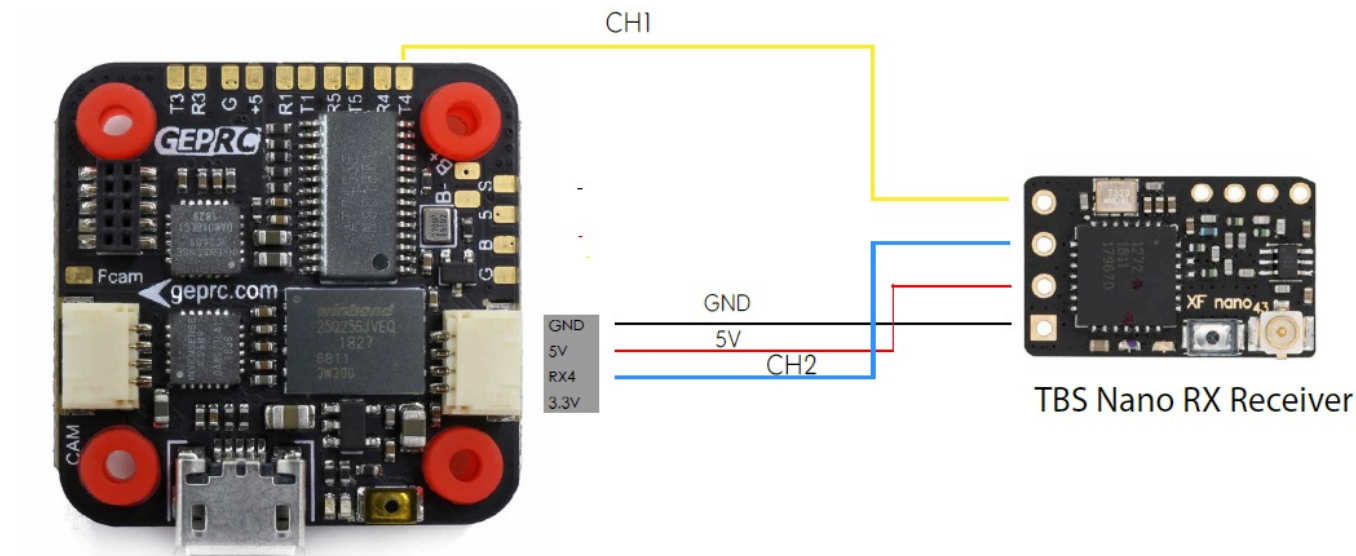
Receiver

Serial-based receiver (SPEKSAT, SBUS, ▾)
Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.

FrSky FPort ▾
Serial Receiver Provider

TBS Crossfire Nano RX



Port

Note: not all combinations are valid. When the flight controller firmware detects this the serial port configuration will be reset.

Note: Do **NOT** disable MSP on the first serial port unless you know what you are doing. You may have to reflash and erase your configuration if you do.

Identifier	Configuration/MSP	Serial Rx	Telemetry Output
USB VCP	<input checked="" type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾
UART1	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾
UART2	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾
UART3	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾
UART4	<input type="checkbox"/> 115200 ▾	<input checked="" type="checkbox"/>	Disabled ▾ AUTO ▾
UART5	<input type="checkbox"/> 115200 ▾	<input type="checkbox"/>	Disabled ▾ AUTO ▾

Receiver

Receiver

Serial-based receiver (SPEKSAT, SBUS, ▾)

Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.

CRSF ▾

Serial Receiver Provider

Feature

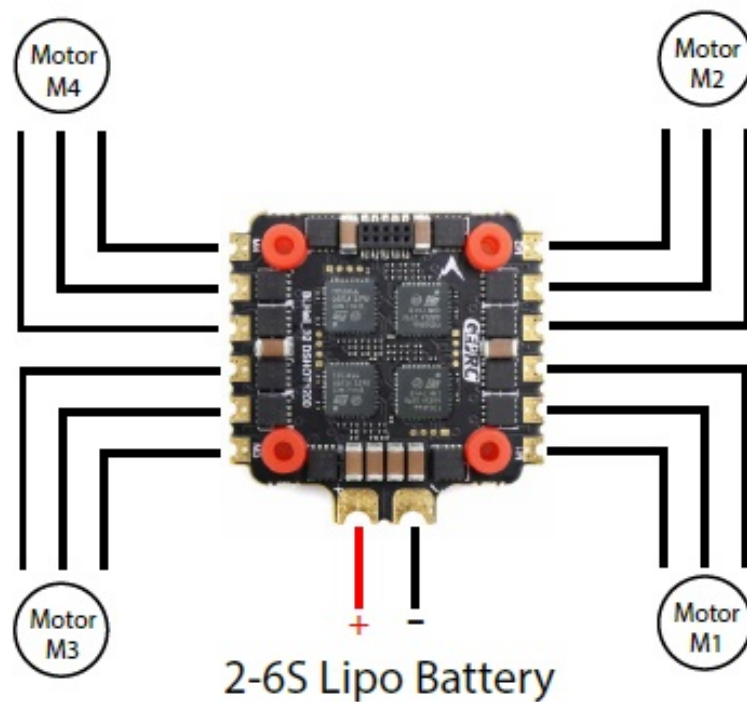
Other Features

Note: Not all features are supported by all flight controllers. If you enable a specific feature, and it is disabled after you hit 'Save and Reboot', it means that this feature is not supported on your board.

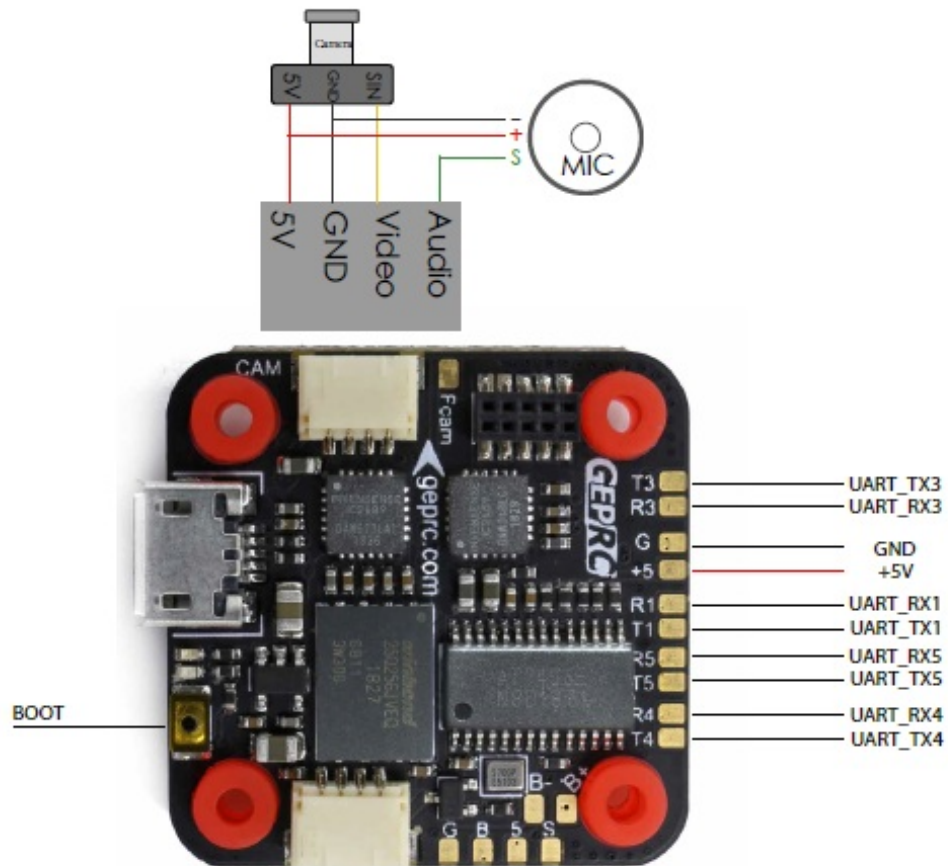
<input type="checkbox"/>	INFLIGHT_ACC_CAL	In-flight level calibration	
<input type="checkbox"/>	SERVO_TILT	Servo gimbal	
<input checked="" type="checkbox"/>	SOFTSERIAL	Enable CPU based serial ports	?
<input type="checkbox"/>	SONAR	Sonar	
<input checked="" type="checkbox"/>	TELEMETRY	Telemetry output	
<input checked="" type="checkbox"/>	LED_STRIP	Multi-color RGB LED strip support	
<input type="checkbox"/>	DISPLAY	OLED Screen Display	?
<input type="checkbox"/>	CHANNEL_FORWARDING	Forward aux channels to servo outputs	
<input type="checkbox"/>	TRANSPONDER	Race Transponder	?

Firmware version

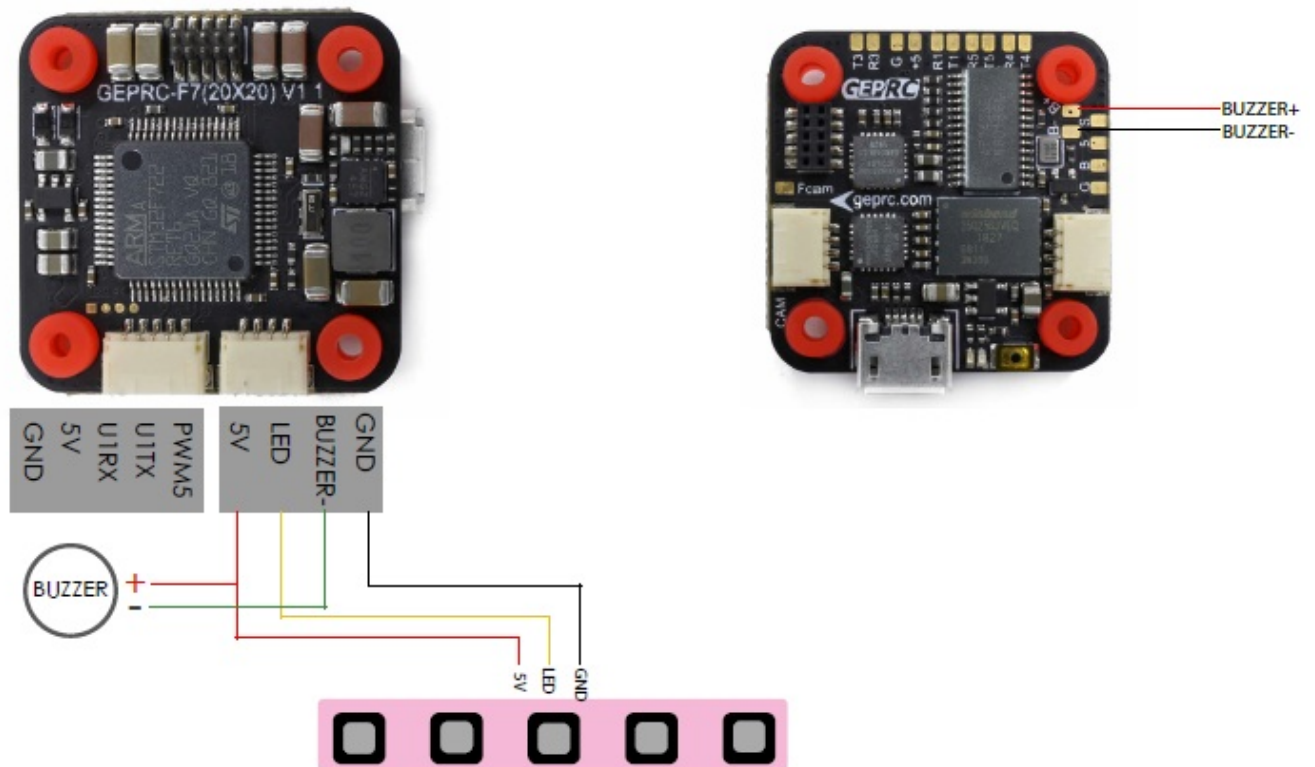
GEPRC-BL32-4IN1



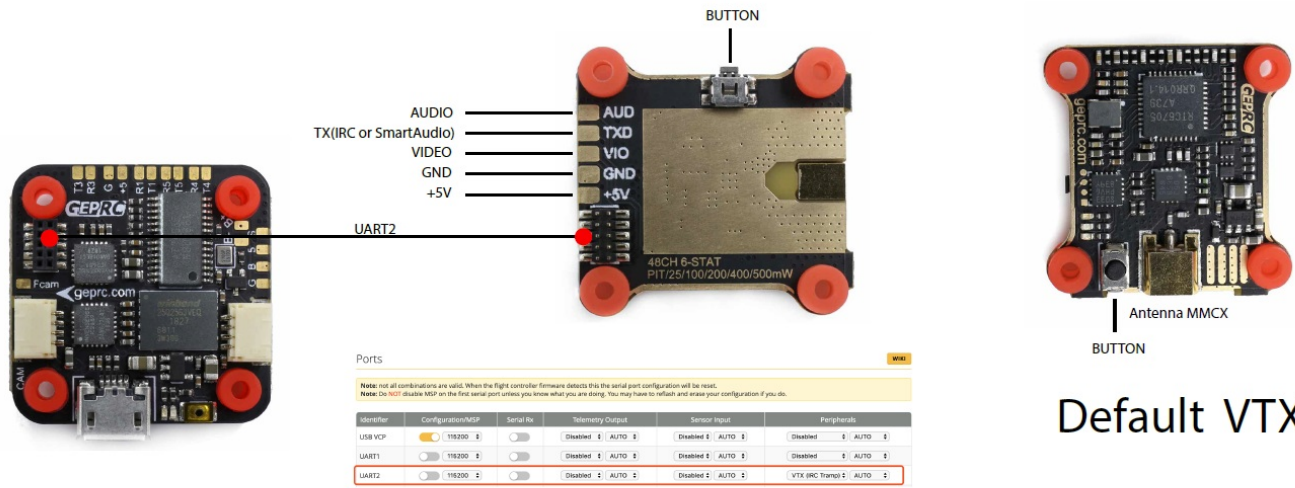
CAMERA & MIC



How to connect the LED/BUZZER?



How to connect the VTX?



Default VTX

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website



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Manual



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facebook.com/geprc

Instagram



instagram.com/geprc

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