

product-info.md

RadioMaster ELRS receivers (voor TX16S MK3 MAX)

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## XR4 Gemini Xrossband Dual-Band ExpressLRS Receiver
- **Status:** besteld droneshop.nl 2026-09-06 — art. **111816** . **€ 41,95**
- NL: https://droneshop.nl/radiomaster-xr4-gemini-xrossband-dual-band-elrs-receiver
- URL: https://radiomasterrc.com/products/xr4-gemini-xrossband-dual-band-expresslrs-receiver
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Introducing the XR4 XrossBand Receiver – The Pinnacle of compact Dual-Band Performance The XR4 Receiver is a cutting-edge true diversity dual-band receiver featuring dual LR1121 RF transceivers, designed to leverage the advanced ExpressLRS Gemini Xrossband protocol (Gem-X). It seamlessly supports both the 2.4GHz and Sub-G 900MHz bands, and its dual T-type antennas provide superior reception sensitivity and connection stability for optimal performance. Built with two independent RF circuits, the XR4 offers versatile operation modes, allowing you to switch between Gemini single-frequency or Xrossband dual-band modes, and can be tailored to your specific needs. The integrated Wi-Fi module simplifies firmware updates and configuration via a user-friendly WebUI on your PC or mobile device. With ultra-low latency and a high refresh rate, the XR4 excels in delivering a stable, rock-solid RF link, even in demanding or interference-prone environments. Its compact, lightweight design ensures reliable connectivity in critical situations where every signal matters. The XR4 offers the most secure and robust RF link available, providing unbeatable reliability even under the toughest conditions. For more details and support, visit expresslrs.org. Features True Diversity & Dual-Band Unmatched reliability with ExpressLRS Gemini Xrossband Compatible with ExpressLRS 2.4GHz, Sub-G 900MHz, Gemini & Gemini Xrossband (Gem-X) ESP32D4 high-performance MCU Twin Semtech LR1121 Transceiver Secondary UART port for advanced functionality Castled pads for easy soldering Specification Item: XR4 Gemini Xrossband Dual-Band Receiver MCU: ESP32D4 RF Chip: LR1121 x 2 RF connector: IPEX-1 X 2 Antenna: Dual-Band T Antenna x 2 (Included) Frequency Range: 2.4GHz / Sub-G 900MHz Telemetry Power: 100mw Maximum receive refresh rate: DK500Hz / K1000Hz Minimum receiver refresh rate: 50Hz Working voltage: DC 4.5 - 8.4V Weight: 1.7g (without antenna) Dimension: 22mm * 18mm * 4mm Firmware Version: ExpressLRS v3.5.1 pre-installed FW Target: RadioMaster XR4 2.4/900 Gemini RX Bus interface 1: CRSF Bus interface 2: UART Gemini 2.4Ghz Ant 1 = 2.4Ghz Ant 2 = 2.4Ghz Gemini SubG Ant 1 = 868/915Mhz Ant 2 = 868/915Mhz Gemini Xrossband (Gem-X) Ant 1 = 868/915Mhz Ant 2 = 2.4Ghz Weight Dimensions Associated Products XR1 Nano Multi-Frequency ExpressLRS Receiver XR2 Nano 2.4GHz ExpressLRS Receiver XR3 Nano Multi-Frequency ExpressLRS Receiver 2.4GHz / Sub-G 900MHz Dual-Band T Antenna UFL 2.4Ghz T Antenna 65mm/95mm

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- Variant **FCC**: $34.99 SKU `HP0157.XR4`
- Variant **LBT**: $34.99 SKU `HP0157.XR4-LBT`
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## XR3 Nano Multi-Frequency Antenna Diversity ExpressLRS Receiver
- URL: https://radiomasterrc.com/products/xr3-nano-multi-frequency-antenna-diversity-expresslrs-receiver
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The XR3 Receiver is a versatile, ultra-compact ExpressLRS receiver measuring just 20 × 15 mm. Powered by the third-generation Semtech LR1121 transceiver, the XR3 operates on either the 2.4 GHz or Sub-G 900 MHz bands. Whether using 2.4 GHz or 900 MHz, the XR3 delivers strong range and sensitivity in a small, lightweight package—well suited for a wide range of builds. With the reliability of ExpressLRS, you can focus on operation without worrying about link quality. Designed for convenience, the XR3 features built-in Wi-Fi for effortless configuration and firmware updates. Access and manage settings through an intuitive WebUI on your PC or mobile device with ease. For more details and support, visit expresslrs.org. Features Antenna Diversity for improved signal stability and range ExpressLRS 2.4GHz or Sub-G 900MHz ESP32C3 high-performance MCU Semtech LR1121 Transceiver Additional UART port Secondary port for advanced functionality Castled pads for easy soldering Specification Item: XR3 Nano Multi-Frequency Antenna Diversity ExpressLRS Receiver Type: ISM2.4 or CE868 MCU: ESP32C3 RF Chip: LR1121 RF connector: IPEX-1 X 2 Antenna: 2x T-Antenna (Either 2.4GHz, 900Mhz or Dual-band depending on selected package) Frequency Range: 2.4GHz / Sub-G 900MHz Telemetry Power: 100mw Maximum receive refresh rate: DK500Hz / K1000Hz Minimum receiver refresh rate: 25Hz Working voltage: DC 4.5 - 8.4V Weight: 1.3g (without antenna) Dimension: 22mm * 15mm * 4mm Firmware Version: ExpressLRS v3.5.1 pre-installed FW Target: RadioMaster XR3 2.4/900 Diversity RX Bus interface 1: CRSF Bus interface 2: UART Antenna Diversity The XR3 receiver features a Skyworks RFX2401C providing an LNA for improved receiver performance, a PA providing up to 100mW of telemetry performance and antenna switching for antenna diversity. Tailored to Your Needs The XR3 Receiver is available in three configurations, ensuring you have the flexibility to meet your exact requirements: Choose between 2.4GHz, Sub-G 900MHz, or a Dual-Band antenna that allows switching between 2.4Ghz and 900Mhz without an antenna change! All antenna types are available as optional accessories so you can change frequency at a later stage without needing to purchase a new receiver! Weight Dimensions Associated Products XR1 Nano Multi-Frequency ExpressLRS Receiver XR2 Nano 2.4GHz ExpressLRS Receiver XR4 Gemini Xrossband Dual-Band ExpressLRS Receiver 2.4GHz / Sub-G 900MHz Dual-Band T Antenna UFL 2.4Ghz T Antenna 65mm/95mm for ELRS Receiver

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- Variant **2 x Dual-Band / FCC**: $29.99 SKU `HP0157.XR3-DB`
- Variant **2 x Dual-Band / LBT**: $29.99 SKU `HP0157.XR3-DB-LBT`
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- Variant **2 x 2.4GHz / FCC**: \$29.99 SKU `HP0157.XR3-2400`
- Variant **2 x 2.4GHz / LBT**: \$29.99 SKU `HP0157.XR3-2400-LBT`
- Variant **2 x Sub-G 900MHz / FCC**: \$29.99 SKU `HP0157.XR3-900`
- Variant **2 x Sub-G 900MHz / LBT**: \$29.99 SKU `HP0157.XR3-900-LBT`

XR1 Nano Multi-Frequency ExpressLRS Receiver

- URL: <https://radiomasterrc.com/products/xr1-nano-multi-frequency-expresslrs-receiver>

The XR1 Receiver is a versatile, ultra-compact ExpressLRS receiver measuring just 20 × 13 mm. Powered by the third-generation Semtech LR1121 transceiver, the XR1 operates on either the 2.4 GHz or Sub-G 900 MHz bands. Whether using 2.4 GHz or 900 MHz, the XR1 delivers strong range and sensitivity in a small, lightweight package—well suited for a wide range of builds. With the reliability of ExpressLRS, you can focus on operation without worrying about link quality. Designed for convenience, the XR1 features built-in Wi-Fi for effortless configuration and firmware updates. Access and manage settings through an intuitive WebUI on your PC or mobile device with ease. For more details and support, visit expresslrs.org. Features Telemetry RF power: 100mW ExpressLRS 2.4GHz or Sub-G 900MHz ESP32C3 high-performance MCU Semtech LR1121 2.4GHz & Sub-G 900MHz Transceiver Secondary UART port Castled pads for easy soldering Specification Item: XR1 Nano Multi-Frequency ExpressLRS Receiver Type: ISM2.4 or CE868 MCU: ESP32C3 RF chip: Semtech LR1121 RF connector: IPEX-1 Antenna: 1x T-Antenna (Either 2.4GHz, 900Mhz or Dual-band depending on selected package) Frequency Range: 2.4GHz or Sub-G 900MHz Telemetry Power: 100mW Maximum Packet rate: DK500Hz / K1000Hz Minimum Packet refresh rate: 50Hz Working voltage: 5V Weight: 1.0g (without antenna) Dimension: 20mm * 13mm * 3mm Firmware Version: ExpressLRS v3.5.1 pre-installed FW Target: RadioMaster XR1 2.4/900 RX Bus interface 1: CRSF Bus interface 2: UART Tailored to Your Needs The XR1 Receiver is available in three configurations, ensuring you have the flexibility to meet your exact requirements: Choose between 2.4GHz, Sub-G 900MHz, or a Dual-Band antenna that allows switching between 2.4Ghz and 900Mhz without an antenna change! All antenna types are available as optional accessories so you can change frequency at a later stage without needing to purchase a new receiver! Weight Dimensions Associated Products XR2 Nano 2.4GHz ExpressLRS Receiver XR3 Nano Multi-Frequency ExpressLRS Receiver XR4 Gemini Xrossband Dual-Band ExpressLRS Receiver 2.4GHz / Sub-G 900MHz Dual-Band T Antenna UFL 2.4Ghz T Antenna 65mm/95mm for ELRS Receivers UFL 915/868MHz T & Y Antenna for BR Series Receivers Package Includes 1 * XR1 Nano Multi-Frequency ExpressLRS Receiver 1 * T Antenna (Either 2.4GHz, 900Mhz or Dual-band depending on selected package) 1 * CRSF wire 3 * Heat-Shrinkable Tube 1 * Manual Card XR1 Receiver is installed with ExpressLRS as s

- Variant **Dual-Band / FCC**: \$11.99 SKU `HP0157.XR1-DB`
- Variant **Dual-Band / LBT**: \$11.99 SKU `HP0157.XR1-DB-LBT`
- Variant **2.4GHz / FCC**: \$11.99 SKU `HP0157.XR1-2400`
- Variant **2.4GHz / LBT**: \$11.99 SKU `HP0157.XR1-2400-LBT`
- Variant **Sub-G 900MHz / FCC**: \$11.99 SKU `HP0157.XR1-900`
- Variant **Sub-G 900MHz / LBT**: \$11.99 SKU `HP0157.XR1-900-LBT`