RXD3

Professional Receiver Ultra Long Range 200Km RC & Telemetry
866-960Mhz / 1000mW / -116dBm

NEW CONCEPT
Configuration of the mixes, button activation and assignment of encoders are performed in the RX and not in the TX (XPAD3) as is usual in amateur RC systems.

Potency with control!

Professional Receiver Radio Control.
For FPV and UAV.
Manufactured with the latest technology of radio system 5th generation of DMD, that provides great radio link security for long distances.

Features

New concept in the controls.
16 CH RC.
8 Multifunction outputs for RC servos.
1 SPPM / CPPM: 12 RC channels in CH7.
1 Micro USB: Update and configuration.
1 i2C: To connect future devices, Oled display, sensors.
1 RCBUS: XOSD serial communication.
1 MODEM port: MAVLINK Telemetry.
Connector antenna: SMA F.

MAVLINK protocol, compatible with autopilots:
APM, Pixhawk, PX4, etc.
No additional radiomodem is required.

It can be used in different RC models:
UAV, DRONES, VANT, RPAS, UUV, UGV, ROV,
MULTIROTORS, CARS, HELICOPTERS, BOATS, etc.

Dimensions

Length: 70,60mm.
Width: 35,70mm.
Height: 16,20mm.
Weight: 24g.

Specifications

Range RC & Telemetry: 50, 100 or 200Km
Frequencies: 866-960Mhz
Multi Band ISM: 866, 868, 903, 915, 960Mhz
Potency: 100, 500 or 1000mW
Sensitivity: -108, -110 or -116dBm
Modulation: 50 or 100Kb. FHSS
Encryption: AES.

Voltage: 5V. Min 4.5V. Max 6Vcc.
Consumption: Standby 70mA.
Max. TX(500mW) 540mA@12mS.

Connectivity: RC, Telemetry, USB, RCBus, SPPM, COM5, MODEM.

Upgradable and Configurable: DMDStudio Soft.
Compatible: ALPHA Commands and DMD devices.

Transmitters: XPAD2-2017, XPAD3.
OSD's: XOSD, XOSDL.

**Some product features are optional*

XLRS eXTENDED
www.xlrs.eu

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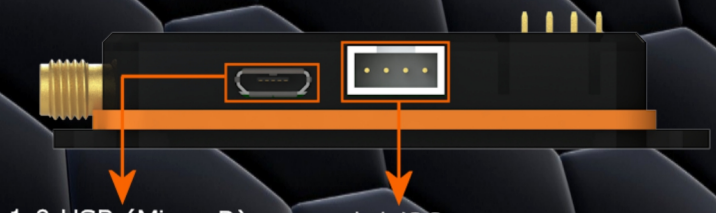
Connections

1.0- Channels RC: 8 Multifunction outputs for RC servos.
1.1- Output SPPM / CPPM: 12 RC Channels in CH7.
1.2- RCBUS: Serial comunication XOSD or others XLRS devices.
1.3- MODEM port: MAVLINK Telemetry.
1.4- Led: Link RF or Received packets.
1.5- Connector Antenna: SMA-Female for RC (866-960Mhz).
1.6- Led: TX RF or Transmit packets .



1.0- USB (Micro-B): Update and configuration RX.
1.1- i2C: To connect future devices, OLED displays, IMU, etc.

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