

XPAD2 V2

Professional Transmitter Long Range RC & Telemetry

CE 869Mhz 100Km

FCC 902Mhz 100km



Reach your objectives!

Professional Transmitter 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

Nº models: No limits, no memory models needed.
LCD screen easy-to-read, high contrast Blue/White.
Adjustable stick lengths.
Possibility to change mode type.
Button ON and button OFF.
6 Configurable buttons.
3 Encoders with push button.
2 Micro Joysticks for trims and functions
Alarms, low battery, fail safe, etc.
Ergonomic rubber grips
Connector antenna: SMA F.

MAVLINK protocol, compatible with software:
Mission Planner, QGroundcontrol, etc.

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

Specifications

Range RC & Telemetry: CE 100Km, FCC 100Km.
Frequency: CE: 869,4-869,65Mhz +27dBm EIRP
FCC: 902-927,5Mhz. +27dBm EIRP
CUSTOM: Max +27dBm, 500mW
Multi Band: 433 or 866, 868, 902, 915, 955Mhz.
Max RF power: CE +22dBm. FCC +22dBm
Sensitivity max: -116dBm @50kb.
Modulation: 50 or 100Kb. FHSS.
Stability: TXCO +-1ppm
Encryption: AES optional.

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

Internal Battery: 3.7V, 2400mAh.

Duration: 6h.

Battery Charge: 1A, USB (Micro-B).

Upgradable and Configurable: DMDStudio Soft.

Compatible: ALPHA Commands and DMD devices.

Receiver: RXLRS.

**Some product features
are optional.*

XLRS
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XPAD2 V2

Connections



- 1.0- VL Rotaroty encoder/PushButton.
- 1.1- Leds DUAL RATE and EXPO Joy L.
- 1.2- LCD graphic display.
- 1.3- RC RF Connector SMA-F.
- 1.4- Leds TX RF and LINK.
- 1.5- Leds DUAL RATE and EXPO Joy R.
- 1.6- VR Rotaroty encoder/PushButton.

- 1.7- RC Joystick R.
- 1.8- Micro Joy SR and Buttons AR, BR, CR.
- 1.9- Button "OFF".
- 2.0- Rotatory Enconder/PushButton.
- 2.1- Button "ON".
- 2.2- Led Bluetooth.
- 2.3- Micro Joy SL and Buttons AL, BL, CL.
- 2.4- RC Joystick L.



- 1.0- COM5.
- 1.1- RCBUS: To connect future devices.

- 1.2- SPPM or TRAINER INPUT.
- 1.3- LED CHARGER STATUS. RED CHARGE BATT.
- 1.4- USB (MICRO B). FOR COMM AND CHARGE BATT.

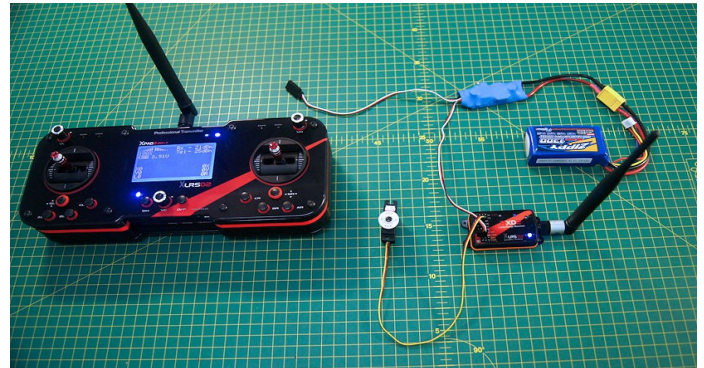
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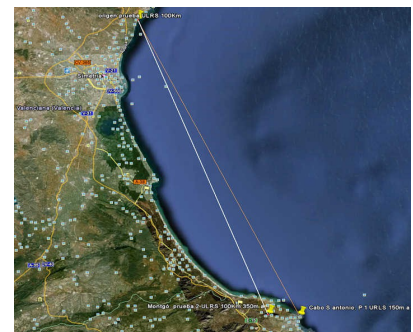
- **XPAD2 V2 Manual:**
 - Controls, Functions and Connections.
 - First steps (Quick guide).
 - XLRs connection diagrams.
 - New concept Radio Control.
 - Link with Receiver.



- **DMDStudio Manual.**



- **Learn more about:**
 - Servos XLRs.
 - XLRs objects.
 - Range, Rssi, Noise in environments UAV – Drones.
 - [Range Test XLRs](#).
 - RF Band RF ISM-ICM.



- **More information here:**
 - Manuals XLRs.

**Some product features are optional.*