

Professional Transmitter Ultra Long Range RC & Telemetry

CE 869Mhz 100Km

FCC 902Mhz 200km

Custom...



Exclusive Desing

Strong and robust.

For professional pilots.

Designed to work 365 days a year.

Arrives further away!

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.
2 OLED screen Black/White for viewing data.
Adjustable stick lengths.
Possibility to change mode type.
Button ON and button OFF.
12 Configurable buttons.
3 Encoders with push button.
2 Micro Joysticks for trims and functions.
2 Side Sliders.
2 Pushbuttons.
2 switches with 2 positions
2 switches with 3 positions
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.

TECHNICAL SPECIFICATIONS

Range RC & Telemetry: CE 100Km, FCC 200Km.
Frequency: CE: 869,4-869,65Mhz +27dBm EIRP.
FCC: 902-927,5Mhz. +36dBm EIRP.
CUSTOM: Max +30dBm, 1W.
Multi Band: 433 or 866, 868, 902, 915, 950Mhz.
Max RF power: CE +22dBm. FCC +30dBm.
Sensitivity max: -116dBm @50kb.
Modulation: 50 or 100Kb. FHSS.
Stability: TXCO +-1ppm.
Encryption: AES optional.

Connectivity: RC, Telemetry, USB, BLUETOOTH,
WIFI, RCBUS, SPPM, COM5.

Internal Battery: 3.7V, 4800mAh.

Duration: 13h.

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

Licenses: Range.
Mavlink.
Search.

Upgradable and Configurable: DMDStudio Soft.

Compatible: ALPHA Commands and DMD devices.

Receivers: RXLRS.

**Some product features
are optional.*

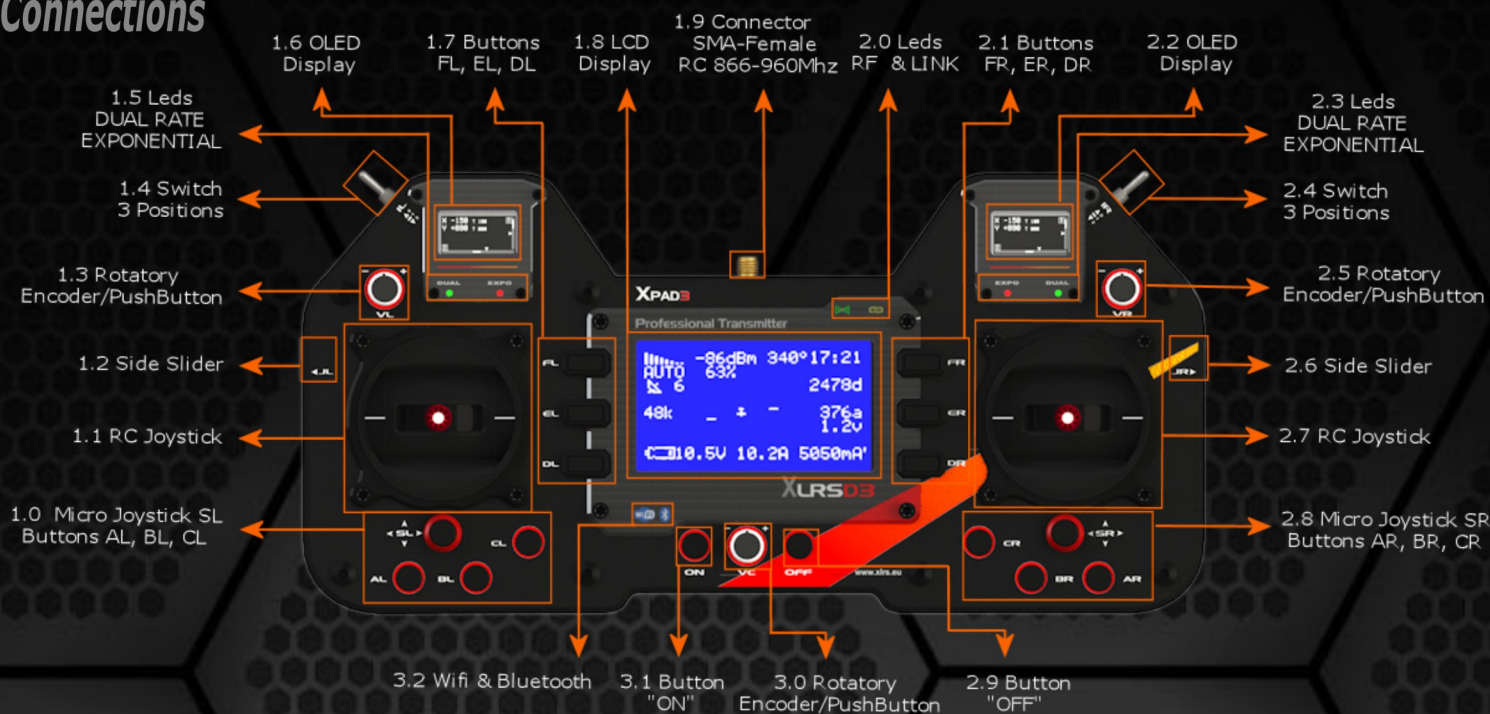
XLRS
EXTENDED

www.xlrs.eu

Manufactured by DMD. Digital Micro Devices. ©2018

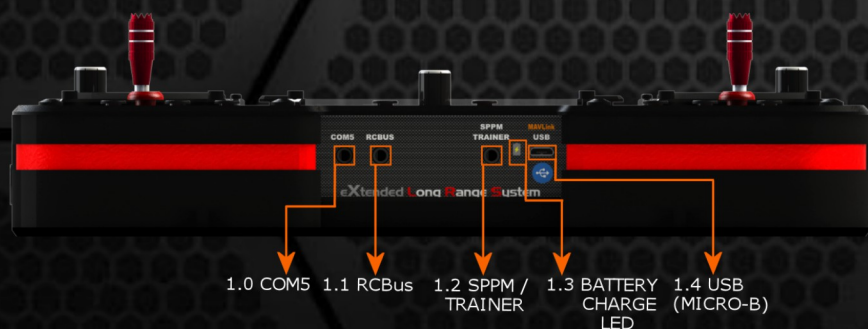
XPAD3

Connections

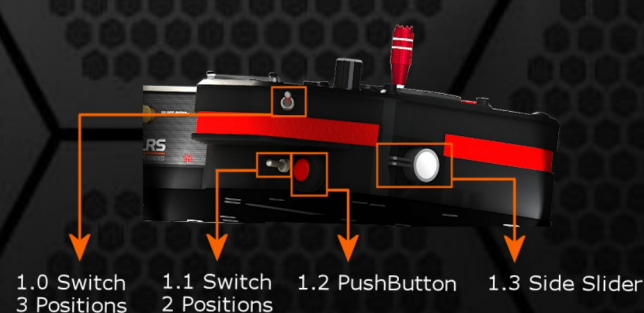


- 1.0- Micro Joy SL and Buttons AL, BL, CL.
- 1.1- RC Joystick L.
- 1.2- Side Slider JL.
- 1.3- Rotatory Encoder/PushButton VL.
- 1.4- Switch 3 Positions IL.
- 1.5- Leds DUAL RATE and EXPO Joy L.
- 1.6- OLED Graphic Display L.
- 1.7- Buttons FL, EL, DL.
- 1.8- LCD Graphic Display.
- 1.9- RC RF Connector SMA-F 866-960Mhz.
- 2.0- Leds TX RF and LINK.
- 2.1- Buttons FR, ER, DR.

- 2.2- OLED Graphic Display R.
- 2.3- Leds DUAL RATE and EXPO Joy R.
- 2.4- Switch 3 Positions IR.
- 2.5- Rotatory Encoder/PushButton VR.
- 2.6- Side Slider JR.
- 2.7- Micro Joy SR and Buttons AR, BR, CR.
- 2.8- RC Joystick R.
- 2.9- Button "OFF".
- 3.0- Rotatory Encoder/PushButton VC.
- 3.1- Button "ON".
- 3.2- Led Wifi and Bluetooth.



- 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.



- 1.0- Switch 3 Positions.
- 1.1- Switch 2 Positions.
- 1.2- PushButton.
- 1.3- Side Slider.

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XLRS
EXTENDED

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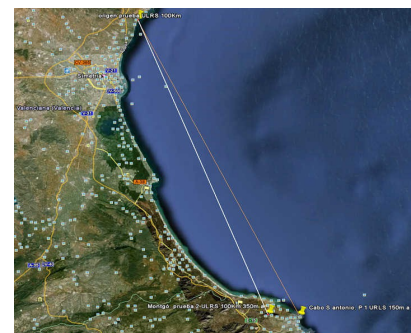
- **XPAD3 Manual:**
 - Introduction XPAD3.
 - Controls, Functions and Connections.
 - First steps (Quick guide).
 - XLRs connection diagrams.
 - New concept Radio Control.
 - Link with Receiver.



- **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.



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