

## MLED panel Transformation & Timing Box



Designed as an optional upgrade to our popular MLED modular LED display, the DBox transforms the standard LED panel into a multi-function intelligent display suitable for all types of sports and events. It can also be used for timing to replace a TBox with or without display.

With the integrated Bluetooth and our free mobile applications you can quickly setup and switch between modes.

A PC application is also available to ensure an easy setup of the modes and parameters.

The integrated GPS, Radio transceiver, Bluetooth, time capture inputs and synchro output ensure simplicity, precision and reliability supporting optional modes for virtually any requirement including:

Start Clock, Speed Trap, Stopwatch, Lap Timer, Split Timer, Race Clock, Date / Time, Lap Counter, and more.



### Designed to work with tablets and Smartphones

Configure and control your DBox and display via Bluetooth using our dedicated mobile App "Device Manager".



### Peace of Mind timing

With its internal 4Gb memory, loss of timing data is significantly reduced and you can keep a track of your previous race data.



### Embedded GPS

The DBox has the added benefit of an embedded GPS receiver with internal antenna and optional external antenna. This guarantees high precision timing, and independent synchronization.



### Radio transmission

The DBox can receive radio impulses from our WIRC Photocells WINP Transmitter or WISG Start-Gate.

## Technical Specifications

Communication	USB, RS232, RS485, USB, BLE	
Power supply	12V-24V (+/- 10%) 5V USB-C when no MLED connected	
Radio frequencies & Power:		
Europe	869.4 - 869.65 MHz	100mW
India	865 - 867 MHz	100mW
Russia	868.7 - 869.2 MHz	100mW
North America	920 - 924 MHz	100mW
Japan	922 - 927 MHz	20mW
Inputs precision	1/10'000 sec	
Time drift	1ppm @ 20°C; max 2.5ppm from -20°C to 60°C	
Operating temperature	-20°C to 60°C	
Dimensions	159x90x20mm	
Weight	240g	

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