WIRELESS INPUT TRANSMITTER

Smart and compact, the Wireless Input Transmitter WINP is completing our wireless line of products. It will transmit any incoming impulses to the TBox-Radio timing console using a bidirectional radio protocol.

With WINP, you will be able to integrate any other manufacturers timing equipment* (E.g. start gate, photocell, push button, switch tape) to a wireless FDS-Timing setup.

Up to 6 radio peripherals can communicate with a TBox-Radio.

* Working with equipment delivering impulses (Switch, open collector or optocoupler)

Wireless communication
To improve robustness and increase reliability, a two-way protocol is used in the communication between Transmitter WINP and TBox-Radio. In case of frequency jamming or poor radio transmission data will be resent several times.

Expensive sports timing devices are history
FDS-Timing makes constant efforts in the design of cost-effective solutions while keeping as a priority performance reliability and simplicity.

Compatibility
The WINP input is compatible with most equipment available on the market which is delivering impulses using, mechanical switch, open collector or optocoupler output.

Technical specification

Frequencies & Power		
Europe	869.4 - 869.65 MHz	100 mW
India	865 - 867 MHz	100 mW
Russia	868.7 - 869.2 MHz	100 mW
North America	920 - 924 MHz	100 mW
Japan (TBox-41)	922 - 927 MHz	20 mW
Radio Impulse precision	1/10'000 sec	
Operating temperature	-20°C to 60°C Charging possible only between 0°C and 45°C	
Min locking time (between two detections)	200ms for Groups A-D 500ms for Groups E-H	
Battery	LiPo 1700mAh	
External Power Input	USB compatible (5V +/- 5%) up to 1A	
Autonomy @20°C	150 hours radio ON	
Dimension	93x58x27mm	
Weight	200g	

FDS-Timing
Rue du Nord 123
2300 La Chaux-De-Fonds
Switzerland
www.fdstiming.com
info@fdstming.com