MANAGEMENT BOX

The Management Box enables bulk scanning of active transponders, activation of tracking mode, and management of Track Boxes.

Please note, that this device cannot be used for race timing itself!

Features:

- Activate and deactivate transponder tracking mode
- Set transponders to Deep Sleep Mode
- Check transponder battery status
- Generate chip files
- Manage and configure Track Boxes

*In Deep Sleep Mode, the ActivePro and MotorKart transponders need 40% less energy, which can increase their lifetime by up to 30%.

Safety & conditions USB Timing Box	
Protection class with cable / antenna screwed on	IP67 -waterproof
Regulatory conformity	CE, RoHS, FCC
Temperature	-30°C to 70°C
Dimensions / weight	27 x 66 x 117 mm / 274 g

Power & Battery	
Battery	LiPo, 4,000 mAh, 3.7 V 12 hours
USB 1.1	500 mA

2.4 GHz RF & loop specification	
Transponder 2.4 GHz channel frequencies main / backup (worldwide compliance)	1: 2.480 MHz / 2.405 MHz 2: 2.405 MHz / 2.470 MHz 3: 2.425 MHz / 2.465 MHz 4: 2.475 MHz / 2.440 MHz 5: 2.415 MHz / 2.445 MHz 6: 2.460 MHz / 2.430 MHz 7: 2.435 MHz / 2.455 MHz 8: 2.450 MHz / 2.420 MHz
2.4 GHz TX power	17 dBm
2.4 GHz Antenna	3 dBi Gain
Loop frequency & data	125 kHz data-packet = Loop ID + channel packet rate: 150 Hz OOK-modulation, manchester encoded, 16bit anti-false-wakeup pattern
Loop length	5 m - 25 m, > 0.5 mm² standard 4 mm banana plugs
Internal data buffer	1,000 transponders
Read range 25% Loop power 100% Loop power	60 cm (2 ft) 2 m (6 ft)
Detection rate Read rate	100% > 250 chips/second burst for 4 seconds > 50 chips/second continuously

RACE RESULT