

Precision and Easy Setup is now possible with the „WTN-Training-SET“

The new **ALGE-TIMING** Wireless Timing Network makes timing for training easy and reliable. The system is complete and includes the timing device, two photocells with reflectors and four tripods. Everything is supplied in a case for easy and safe transport of the equipment. It is ideal for the training of most sports.

This system works without cables using the Wireless Timing Network invented by **ALGE-TIMING**. The network allows highest timing precision and it is also possible to transmit timing impulses delayed by using a special technology so the timing device can always correct the time to the original impulse time.



Advantages of the Training Set:

- new, intuitive system that works with radio
- simple, easy and fast setup of the complete system
- compact measurements with rugged **ALGE-TIMING** devices
- simple operation of system
- timing device Timy3 has a lot of software applications
- highest timing precision by temperature compensated quartz (measuring of 1/10.000th of seconds)
- fully featured timing device that can be used as well for the timing of races
- measuring of speed in km/h, m/s or mph is possible
- timing device has USB interface for easy transfer of training data to a PC
- photocell with integrated radio
- up to 5 different timing channels are adjustable at photocell
- possibility to add additional photocells or other impulse devices
- complete system is battery powered and works about 15 hours
- 15 different radio channels are adjustable
- system is made to use outdoor
- stable case with foam insert for easy and safe transport of the system
- it is easy to expand the system with other **ALGE-TIMING** components like a display board



Photocell PR1aW

Two different sets are available:

The main difference between the two sets is that the WTN-Set 1 has no printer integrated in the timing device. The WTN-Set 2 has a timing device with integrated printer.

WTN-Set 1 includes:

- 1 x Timing Device Timy3 W including alkaline battery
- 2 x Photocell PR1aW
- 2 x Reflector Ref-L
- 4 x Tripod TRI-S5
- 1 x Case for complete set

WTN-Set 2 includes:

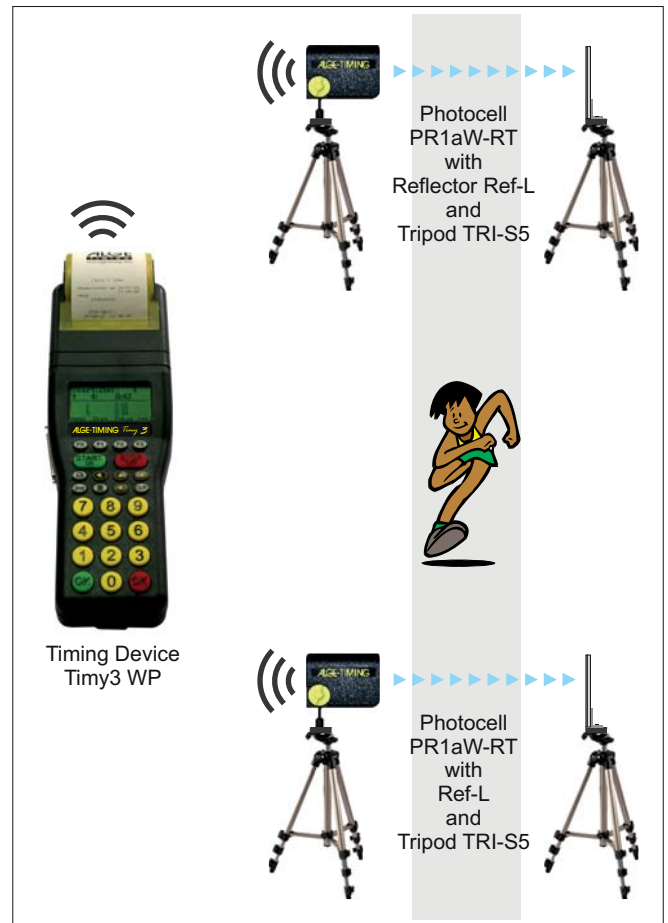
- 1 x Timing Device Timy3 WP including rechargeable battery set and charger
- 2 x Photocell PR1aW
- 2 x Reflector Ref-L
- 4 x Tripod TRI-S5
- 1 x Case for complete set



Case KL-WTN-SET to store the complete system including tripods



Tripod TRI-S5
four such tripods
are included in one system



example of the setup of the Training WTN-Set2

Technical Data of Timy3

- Crystal Frequency:** 12.8 MHz with TCXO, +/- 0.3 ppm
- Time Resolution:** 1/10,000 s
- Timing:** 9 timing channels, external extension possible
- Program Memory:** FLASH memory with 16 MBit
- Data Memory:** RAM with 4 MBit (about 30,000 times)
- Display:** monochrome LCD graphic display with backlight, 128 x 64 pixel, extended temperature range
- Keypad:** silicone keypad, 26 keys
- Connections:**
- 1 x DIN socket for photocell (7)
 - 1 x banana socket pair – start input (5)
 - 1 x banana socket pair – finish input (6)
 - 1 x banana socket pair – display board (4)
 - 1 x D-Sub 25 pin (3)
 - 9 timing channels
 - RS232 (PC connection)
 - display board
 - RS485 (network)
 - power supply (8 – 22 VDC in/out)
 - 1 x USB (1)
 - 1 x power supply (8 - 22 VDC in) (2)

- Radio Module:** build-in 2.4 GHz radio, 16 adjustable frequencies, adjustable power output from 10 to 100 mW, 5 timing channels, for distances up to 350 m
- Power Supply:**
- Internal:**
- NM-Timy2 rechargeable NiMH battery pack for Timy3 with printer, 2 Ah
 - 6 x AA-Alkaline 6 x 2 Ah (only for Timy3 W)
- External:**
- Power Supply PS12A, 12 V battery or 8 - 22 VDC data given at 20°C (68 F)
- Power Consumption:**
- Alkaline: without printer about 100 hours
 - NM-Timy2: without printer about 60 hours
 - NM-Timy2: with printer about 47 hours
- Charging Duration:** about 14 hours
- Printer:** graphic thermal printer, max. 5 lines per sec.
- Temperature Range:** -20 to 60°C (-4 to 140 F)
- Measurements:**
- Timy3 W: 204 x 91 x 50 mm
 - Timy3 WP: 307 x 91 x 65 mm
- Weight:**
- Timy3 W: 450 g (no battery)
 - Timy3 WP: 650 g (no battery and paper)