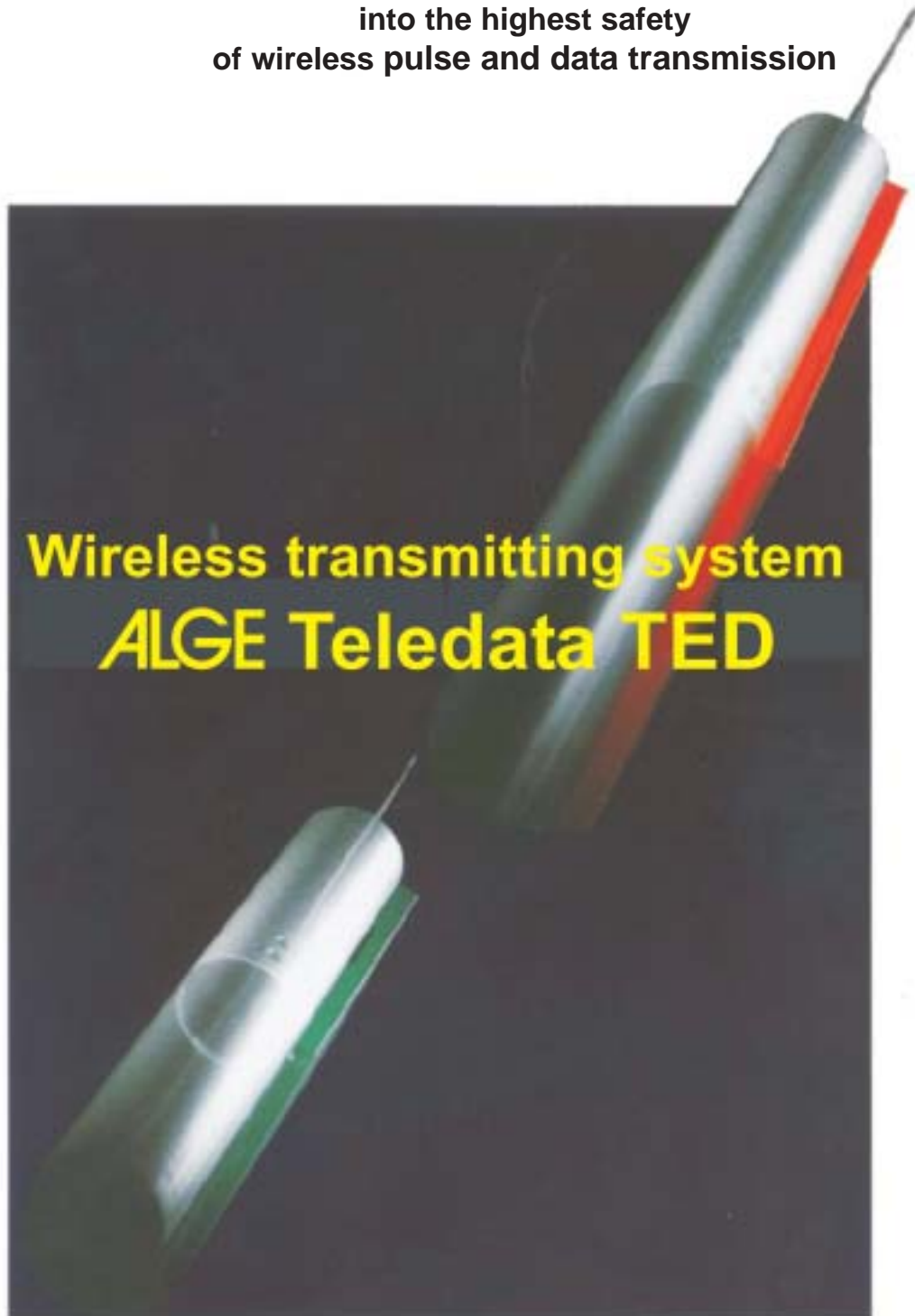


Just take off

and start with the „radio rockets“ ALGETeledata TED
into the highest safety
of wireless pulse and data transmission

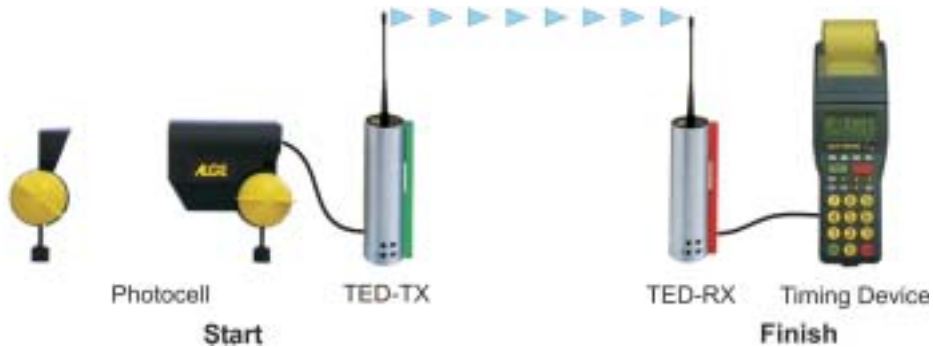


Wireless transmitting system
ALGE Teledata TED

ALGE
TIMING

Pulse Transmissen: Save as never before

The pulses (start or stop impulses) are transformed by a wireless transmitter TED-TX into a data package, provided with a safety code and transmitted to the receiver TED-RX. After having checked the safety code, the receiver transmits the pulse to a timing device with an accurate, reproducible delay of 0,1 seconds.



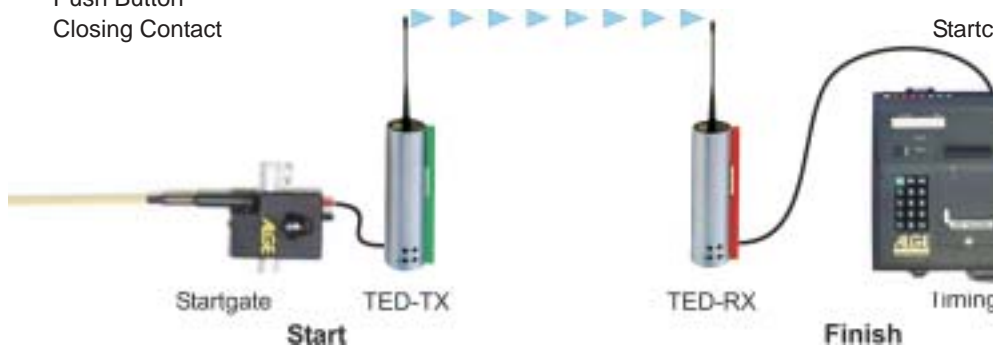
ALGE-Pulse Transmitter:

- Photocell RLS1
- Photocell RLS3
- Startmicrophone SM8
- Startclock ASC1
- Startbeep STB1
- Tapeswitch
- Touchpad TP
- Push Button
- Closing Contact



ALGE-Pulse Receiver:

- TdC 8001
- TdC 8000
- TdC 4000
- TIMER S4
- TIMER S3
- TIMY
- COMET
- OPTIc
- Startclock ASC1



The Standard Version:

is able to receive 2 different timing channels. With the accessory RX-C10 up to 10 different channels are available.

The Safety Package of the New Wireless Transmitting System ALGE Teledata TED:

Protection against false pulses:

A special software in the receiver TED-RX eliminates wrong loggings.

A maximum of transmitting safety:

A new dimension of safety are reached due to location optimisation by means of optical and acoustic signalling (LED and loudspeaker).

Big working range:

TED-TX10: up to approximate 1,5 km
 TED-TX400: up to approximate. 5 km

Addressing of the system:

Up to 16 addresses can be present. One addressed system is not able to receive pulses from a system with different addressing (for example if several TED systems are used in the same area).



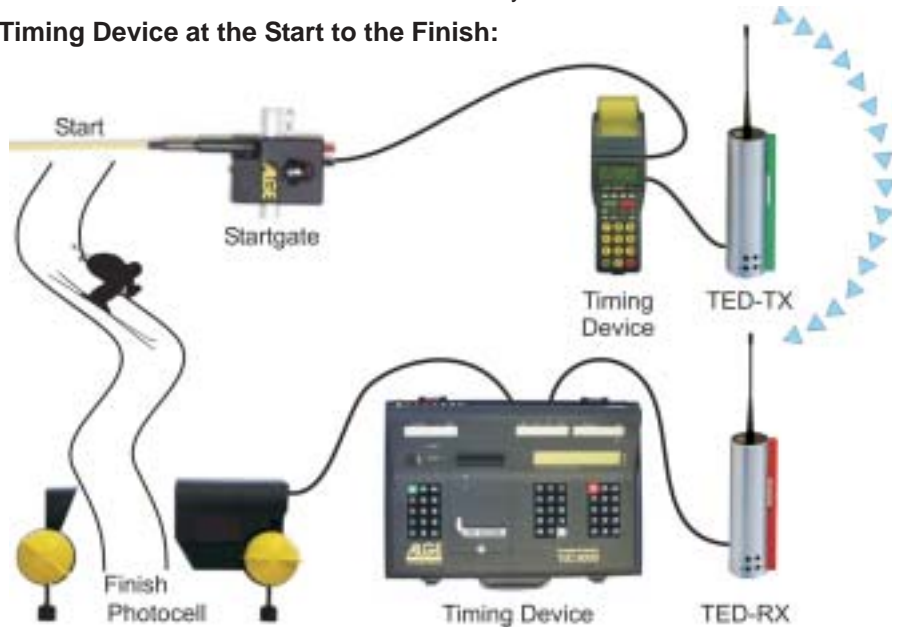
Data Transmission: With the absolute safety

In the data transmission (e.g. of the start time), the data plus the safety code are transmitted from the transmitter TED-TX to the receiver TED-RX. The receiver transmits the data package to the timing device at the finish. This system is absolutely safe since the data are transmitted as many times as needed in the event of a faulty radio circuit. Moreover, the third data record always remains stored in the transmitter TED-TX. The same applied to all start times which can be recalled at any time from the timing device at the start

Data Transmission / Timing:

The start time is transmitted by radiotelegraphy to the timing device at the finish. Every second there is transmitted one data record. Each data record is sent for safety reasons 10 times.

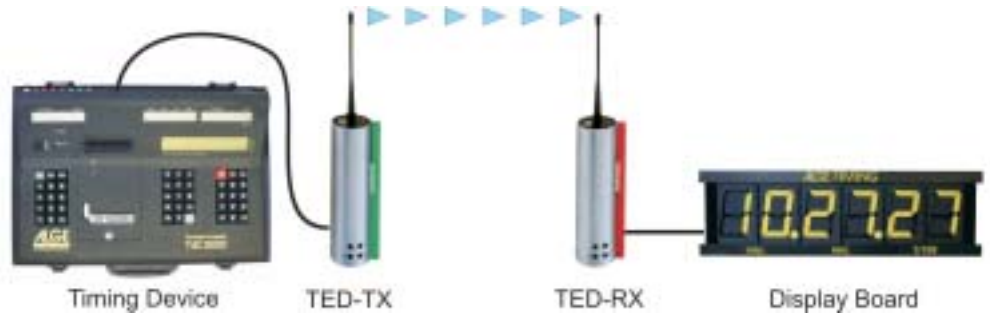
From the Timing Device at the Start to the Finish:



Data Transmission / Telecontrol from the Timing Device:

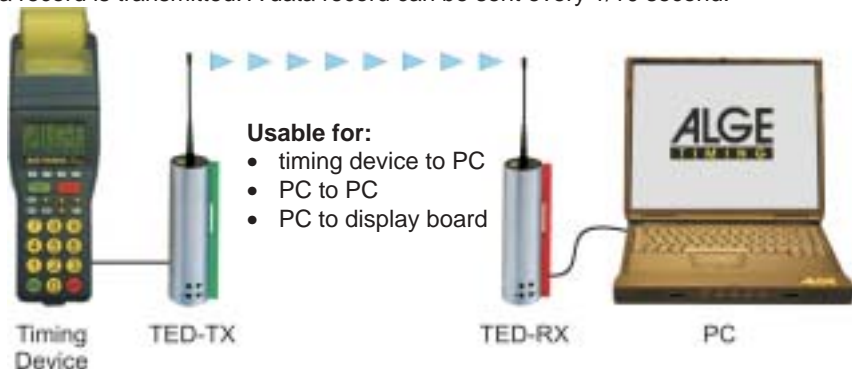
Each data record is transmitted once. Every 1/10 second there can be transmitted a data record:

- from the timing device to the display board
- from the timing device to the printer
- from TIMY or COMET terminal to a football (soccer) score board



Free Data Transmission:

Any data record is transmitted. A data record can be sent every 1/10 second.



Usable for:

- timing device to PC
- PC to PC
- PC to display board



ALGE Teledata TED: Technics made to give your safety

	TED-TX10	TED-TX400	TED-RX
Transmitting Capacity	10 mW	400 mW	-----
Working Range	bis ca. 1,5 km	bis ca. 5 km	-----
Frequency: Standard	433,500 MHz	434,600 MHz	all fequencies
Alternative	434,300 MHz	433,800 MHz	
Interfaces:	Input for RS 232	Input for RS 232	Output for RS 232 + RS 485
Power Consumption (one impulse per minute):	300 hours	270 hours	54 hours
Operating Temperature:	-20° to +50°C	-20° to +50°C	-20° to +50°C
Dimensions (without antenna):	198 x 72 x 72 mm	198 x 72 x 72 mm	198 x 72 x 72 mm

Homologation:

- Germany
- Austria
- Switzerland
- Italy

Antenna:

short, sturdy, flexible

Connections:

compatible with ALGE products and most others

- Banana Jack for data and start impulse
- DIN-Jack with connection for start and stop pulse, data, and external supply closing contact, active low, min. 10 ms

Input Signal:

Output Signal:

transistor, open collector, active low, 100 ms

LED:

for battery indication (TED-TX and TED-RX), and moreover for field intensity indication in the TED-RX

Loudspeaker:

in the TED-RX for field intensity indication and interface evaluation

Power Supply:

internal:

- 6 x AA – Alkaline-batteries or
- 6 x AA – NiCd-rechargeable batteries

external:

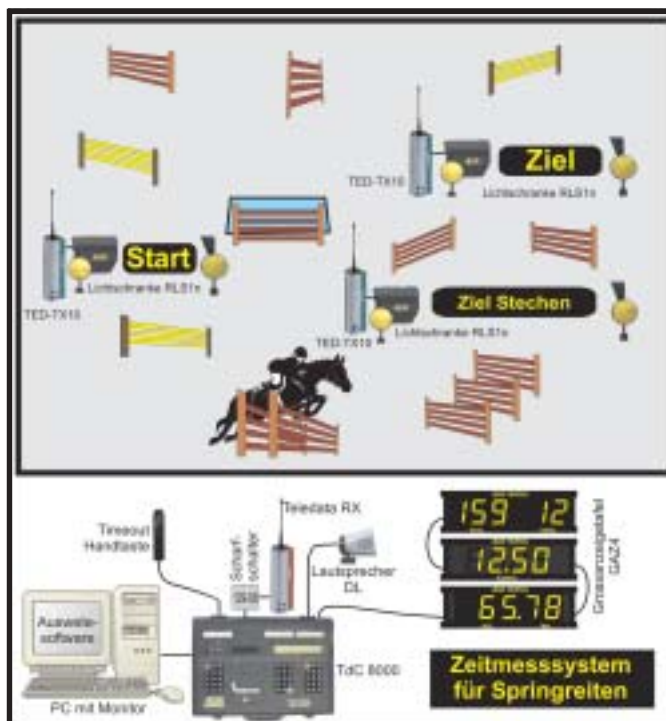
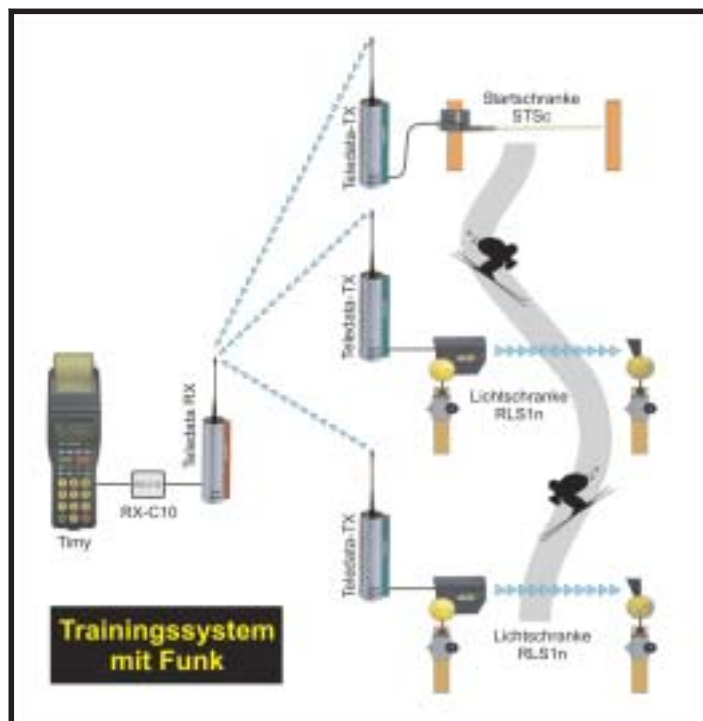
- Charger PS12 or from timing device

Fixture:

Velcro fastener for picet fixture, threat for tripod, or flange support for photocell

Accessory:

- Case with foam insert for save transport
- Rechargeable Battery-Set with 6 x NiCd-batteries for TED
- Charger LG6AA for 6 NiCd-recharegable batteries
- Channel extension RX-C10
- Holder to set up a TED and photocell at one tripod or fastening console



ALGE

TIMING

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