




TRIGGER SENSOR STS / WTS

PULSE SENSOR

USER MANUAL



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Dear Customer, thank you for buying this system. Please read this manual to its end to secure safety and best quality of the system's operation.


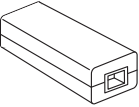
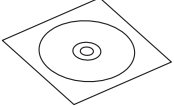



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SCATT trigger sensor STS accessories

Please check and identify all supplied accessories





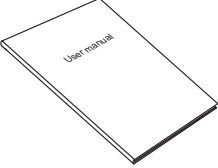
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- 1. Trigger sensor
- 2. Trigger sensor control unit TRC 01
- 3. Software CD
- 4. User guide
- 5. Trigger control unit interface cable
- 6. Trigger sensor interface cable

SCATT trigger sensor WTS accessories

Please check and identify all supplied accessories

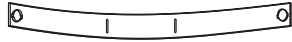


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- 1. Trigger sensor
- 2. Trigger sensor interface cable
- 3. User guide

SCATT pulse sensor accessories

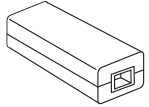
Please check and identify all supplied accessories



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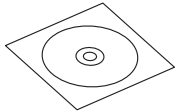
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1. Electronic transmitter T31

2. Elastic belt for transmitter

3. Pulse sensor control unit PC 01

4. Control unit interface cable

5. Software CD

6. User guide

Installation

Software installation

Fore using SCATT accessories, you need to install SCATT drivers and software*.

Insert disk (provided in a set) in the CD-ROM drive, select SCATT. EXE icon in the disc drive window and follow instructions on the screen (fig. 1).

Install drivers before attaching SCATT devices to the computer, then attach all devices one by one.



Fig. 1

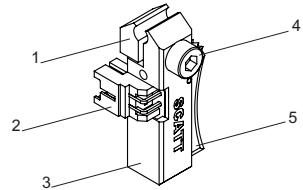
While all necessary software is included on CD, we recommend to download latest versions of software from <http://www.scatt.com>.

*For SCATT pulse sensor and for SCATT trigger sensor STS only.

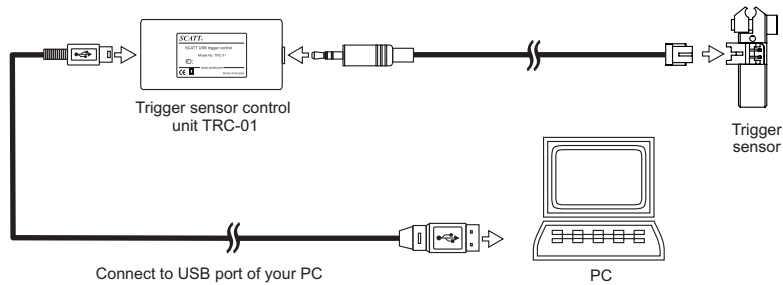
Trigger sensor installation

Trigger sensor STS connection

Install electronic trigger sensor on your weapon instead normal trigger. Connect electronic trigger to trigger control unit and to USB port of your computer as shown on a scheme.



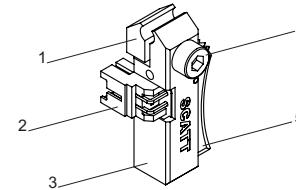
- 1 - Fixing tooth
- 2 - Connector
- 3 - Trigger sensor body
- 4 - Fixing screw
- 5 - Trigger plate



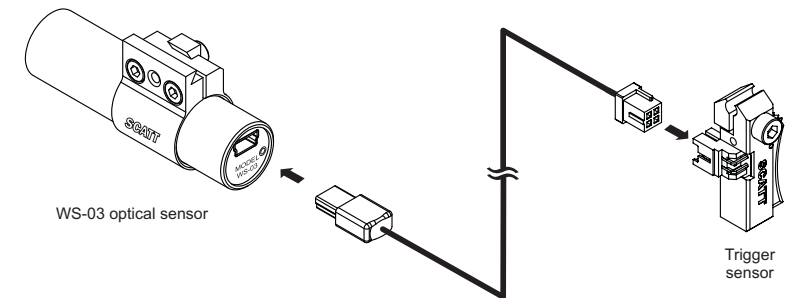
Trigger sensor installation

Trigger sensor WTS connection

Install electronic trigger sensor on your weapon instead normal trigger. Connect electronic trigger to USB port of SCATT wireless optical sensor WS-03.



- 1 - Fixing tooth
- 2 - Connector
- 3 - Trigger sensor body
- 4 - Fixing screw
- 5 - Trigger plate



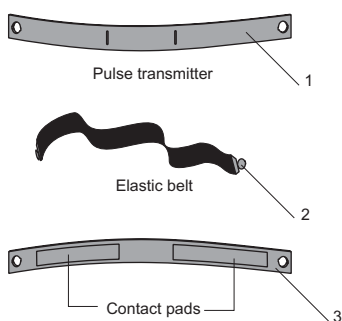
Pulse sensor installation

Pulse sensor connection

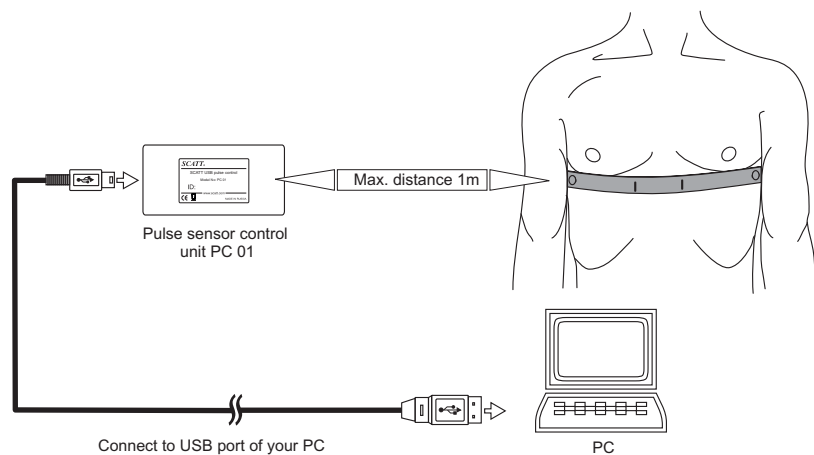
Moisten contact pads of the transmitter, mount the transmitter on the chest with elastic strap so that the contact pads fit snugly against the skin.

Connect the control unit to USB port of your computer as shown on the scheme.

Maximum distance between the control unit and the transmitter must be less than 1 meter. Pulse transmitter have non user replaceable battery.



- 1 - Pulse transmitter T31
- 2 - Elastic belt
- 3 - Pulse transmitter (back view)



Data view

Trigger and Pulse sensors data

When trigger and pulse sensors are connected to computer together with SCATT shooter training simulator, you can see in SCATT program window following data (Fig. 2, 3, 4).

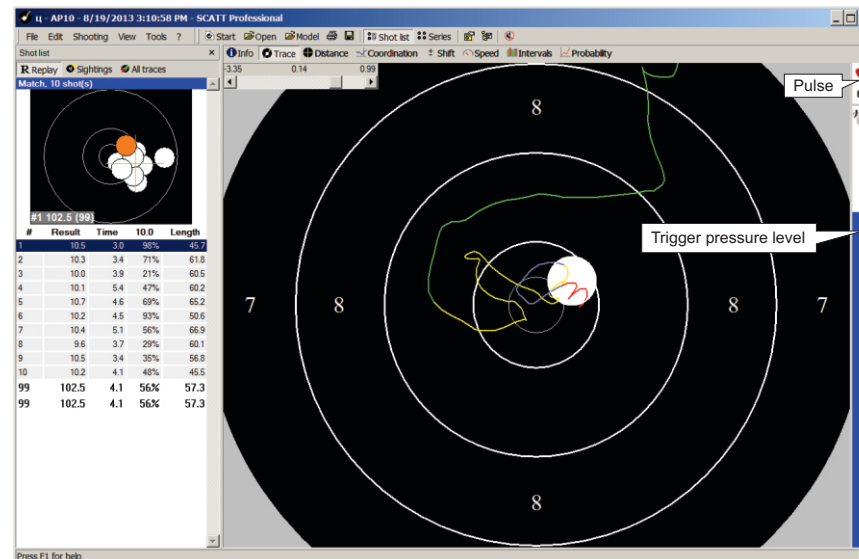


Fig. 2

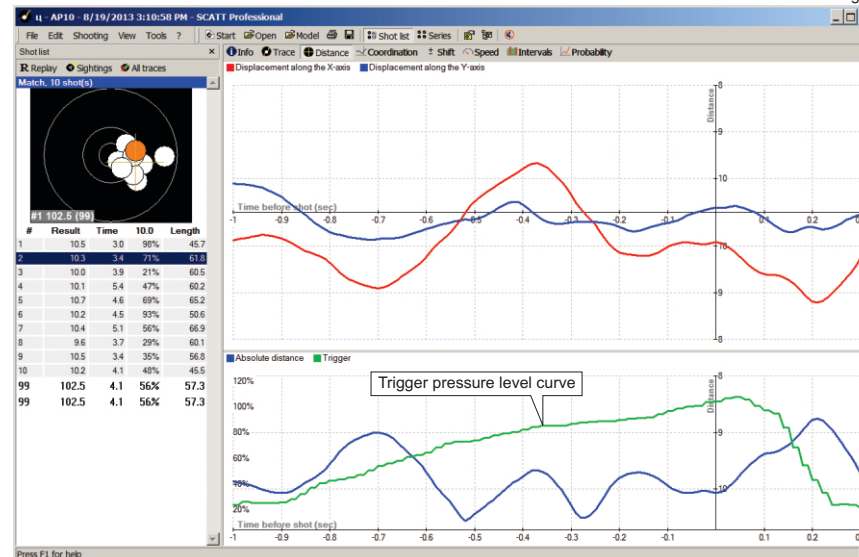


Fig. 3

Data view

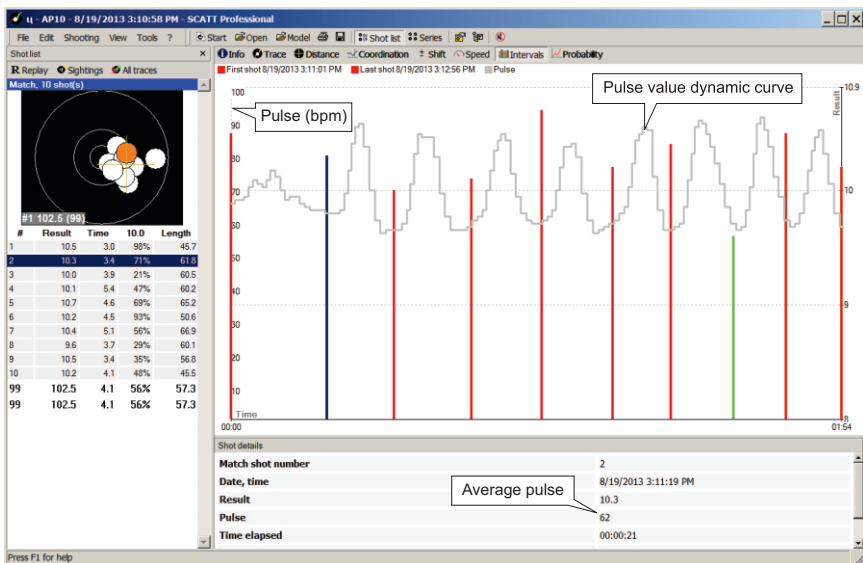


Fig. 4

Troubleshooting

Software reports "SCATT device not fund"	Make sure all SCATT units are connected to the computer, SCATT drivers are installed
No signal from pulse sensor	Are you wearing the heart rate sensor correctly? The heart rate sensor should be worn flat against the skin, Polar logo in upright position. Be sure that the heart rate sensor electrodes thoroughly wet.
No signal from trigger sensor	Check all connections, restart SCATT program.

If given recommendations don't help solve your problem, consult the Service Center.

Service

Clean this device with soft dry cloth. If the surfaces are too dirty, use soft cloth, wetted in suds or in mild soap detergent solution. Newer use solvents or petrol to clean the device.

Specifications

Trigger sensor weight:	5.4g
Trigger sensor dimensions (with round plate):	H 28.5 x W 8 x D 14.6 mm
Pulse transmitter operating time:	~2500 hours
Operating temperature range:	+5 to +37 °C

NOTE

Specifications can be modified by manufacturer without being worded in this manual. Weight and dimensions are approximate.