



TAGHeuer
PROFESSIONAL TIMING

PHOTOCELL RALLY HL 2-33



Photocell Rally

HL 2-33

« For maximum reliability »

TAG Heuer's extensive experience in the development of infrared photocells has led to the production of highly reliable and precise instruments that are very stable in adverse conditions.

- This photocell system uses two physically separate but electronically synchronized photocell transmitters and two independent receivers that are placed on opposite sides of the timing line.
- If necessary, each pair (transmitter/receiver) can be used separately in different timing locations.
- Timing line width up to 40meters in "LOW" power position and up to 80meters in "HIGH" power position.
- The receivers feature the use of a special additional lens that helps in the precise alignment of the cells from the opposite side of the timing line.

Recommended use

- For all professional timing applications even with heavy dust
- If necessary, each pair (transmitter/receiver) can be used separately in different timing locations.

Technical specifications

General

- Infrared type photocell using a coded modulated frequency of 32.7 kHz. Triggering detection by frequency discrimination

Operating type and Distance limits

- Double Photocell, Transmitter / Receiver Type, up to 80 Meters

Output Trigger

- Infra-red photocell with internal or external power supply and 2 functions modes:
- IMPULSE mode with adjustment of duration of the output impulse (standard mode)
- DIRECT mode with timing impulse which correspond to the breaking of the Infra-Red beam. This mode makes possible the control of the good functioning and alignment of the photocells

Reaction Time

- Less than 0.5 ms

Precision

- +/- 0,02 ms for repetitive impulses

Autonomy at 20° C

- About 100 hours

Internal Power

- Three alkaline batteries type 1.5V (AA) for each (Tx / Rx)

Operating Temperature

- -20° C to + 70° C

Indicators

- LED diodes for batteries and alignment

Mounting

- Fitted for standard photographic ¼" tripod or TAG Heuer mounting brackets HL 4 / HL 4-3

Dimensions

- Hot-lacquered black aluminium case
160 x 160 x 40 mm

Weight

- 1'700 gr. complete set
All photocell sets are delivered in their own transport case



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