

## BAUR SA

Corniche 9  
CH-2024 St-Aubin-Sauges  
Switzerland

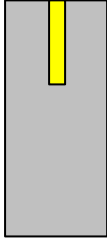
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## Rotating and pop-up target "CPF" Type C

### Description

- Low weight, small size infantry pop-up and rotating target that can be remotely controlled by radio and/or cable.
- Different friend-enemy target image types/sizes can be mounted on the rotating arm
- Hits are recorded and transmitted to different peripherals for further use and/or control (CRC, PC, etc.).
- Modular design
- Target placed in the terrain needs to be protected against direct hits (special armour plating available on request).
- Target is powered by a nickel-cadmium rechargeable battery (NiCd)
- Target is remote controlled by radio:
  - Data are transmitted by radio in the "Sender/Receiver Duplex mode"
- Target is remote controlled by cable:
  - Data are transmitted via a current loop (2 wires)
- Each target is identified by a unique address
- Different types of command are provided
- Specific target parameters can be modified by configuration software (PC based)
- Targets are equipped with a special cartridge (silica gel) to prevent formation of internal condensation.
- During the pop-up movement, the target images turn either to the friend or enemy side. In the up position, the image can further turn to friend or the enemy side





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## Technical specifications

- **Size L x W x H (mm)** 510 x 390 x 200 mm
  - **Weight (kg)**
    - Target 19.2 kg
    - Target with battery 22.7 kg
  - **Power supply** Battery NiCd 12V/7Ah
  - **Protection indice** IP 65
  - **Temperature range**
    - Operating -20 °C to + 60 °C
    - Storage -35 °C to + 75 °C
  - **Mechanical specifications**
    - Rise time
      - 0.4 sec. with image 12/15
      - 0.5 sec. with image 11
    - Full cycle
      - 0.9 sec. with image 12/15
      - 1.0 sec. with image 11
    - Autonomy at 20°
      - image 11 app. 2'500 full cycle
      - image 12/15 app. 3'500 full cycle
  - **Detection sensitivity** can be programmed to fit with target image material (wood, plastic, aluminium, etc. ) as well as Laser detection system
  - **Amunition** 5.56 mm, 7.62 mm, 9.00 mm, 12.7 mm
  - **Construction** Aluminium cast  
Electronic components are shielded within specially treated containers (iridite)
  - **Electrical specifications** Microprocessor control  
Self-test at power on
  - **Radio module** Sender and receiver
    - Frequency range
      - VHF 136 – 174 MHz (2.00 m band)
      - UHF 403 – 470 MHz (0.70 m band)
      - Other frequency range on request
    - Power 1 to 5 W
  - **Parameters** Target identification number, sensitivity, frequency range
  - **Target behaviours** Move from friend or enemy to down, from friend or enemy to down when hit, from friend or enemy to down when hit and immediately up again on friend or enemy, from friend or enemy to down after a predefined number of hits  
Movements can be combined with a flash light or a lamp  
Other behaviours available (custom software)  
Timing of movements (visible, invisible, interval, etc.) is controlled via the command box controller or via a PC based device
  - **Connectors** Current loop, connector for peripherals
  - **Options** Lamp or flash lights, Laser System (MILES or similar), interface for AMS, sound generator
  - **Reliability tests** Vibration, shock, fall, temperature, wind, sand, watertight, EMC
  - **Duration of life** Our products are built to last 25 years
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