

## BAUR SA

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# Updated electronic control system for AK2, CB2, AK30

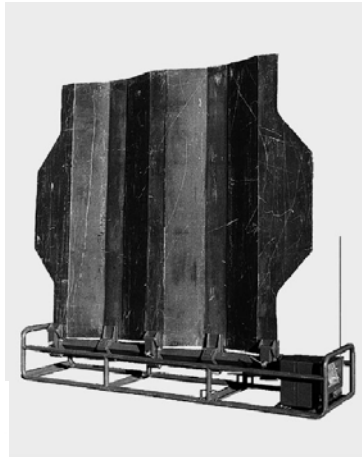
## Description

- This system is based on PIC technology and can be used to update the original control system, which is now obsolete, of the AK2, CB2, CB2 SI and AK30 target systems. The same system can also be used to equip the CF3 and CP91 target systems
- Easy to integrate. Few modifications required (internal target wiring). The mechanical parts remain unchanged.
- All target systems can be controlled with a single Command Unit. All the different control units can be used individually or simultaneously. (CRC4, Central Command Unit based on PC, PDA, etc.)
- Various communication links available (radio, cable, wireless Ethernet)
- Modular design. Can easily be customized to user specific requirements.
- High level programming language (C, Visual Basic, etc.)
- Low power consumption
- Small size
- Enables low cost upgrade and use of first generation target systems (Upgraded systems are operate identical to the most recent generation of target systems and peripherals)

AK2 / TAA69



CB2 / TAA77

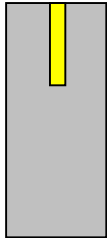


CB2-SI / TAA83



AK30





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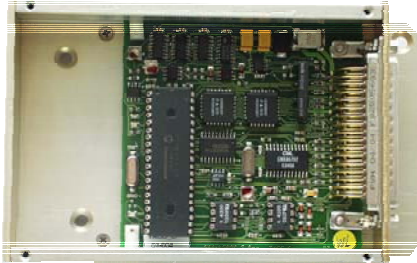
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### Description

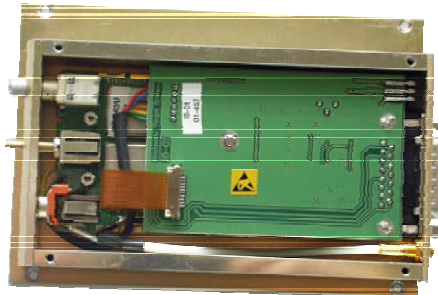
The new electronic system can be mounted in all target systems and peripherals developed by Baur SA. In particular, this system is designed to replace obsolete control modules (note: the first generation was introduced in 1969). It provides extended capabilities on both user and maintenance sides. Moreover, standardizing the control system also drastically simplifies the installation, control and modification of shooting range where multiple command units and munitions types are used.

Electronic module TACC



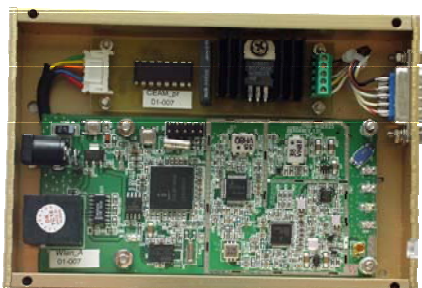
MCU: based on PIC Microcontroller  
I/O: Input 12x TTL, Output 16x Opto Coupled  
Com.: Modem, cable (current loop)  
Function.: 10 Bits A/D (up to 8 channels), UART,  
Connector with filter  
High-level programming language C, Basic, ...  
Remotely programmable

Radio module type GP



Serie GP300 (Sender – Receiver)  
Nb. of channels: 1 to 8 (up to 16)  
Frequency: VHF 136 – 174 MHz (2.0m Band)  
UHF 403 – 470 MHz (0.7m Band)  
Power: 1.0 bis 5.0 W

WLAN Module



Allows wireless control of target systems based on 802.11b (Wi-Fi) standard.

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