

# ACTAS

## Automatic Color Temperature Alignment System

ACTAS (Automatic Color Temperature Alignment System)

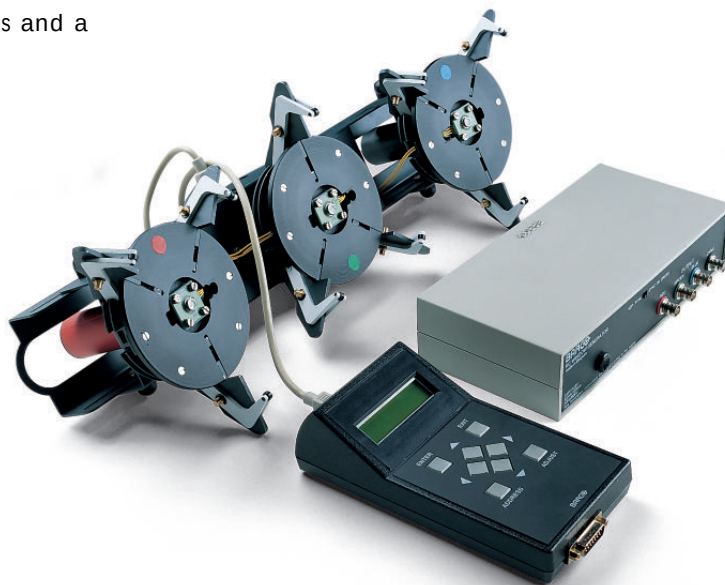
is BARCO's automatic alignment system for the adjustment of color temperature and luminance of BARCO CRT projectors.

ACTAS not only allows the precise setup of individual projectors, but also makes the setup and color matching of multiple projector installations quick and easy!

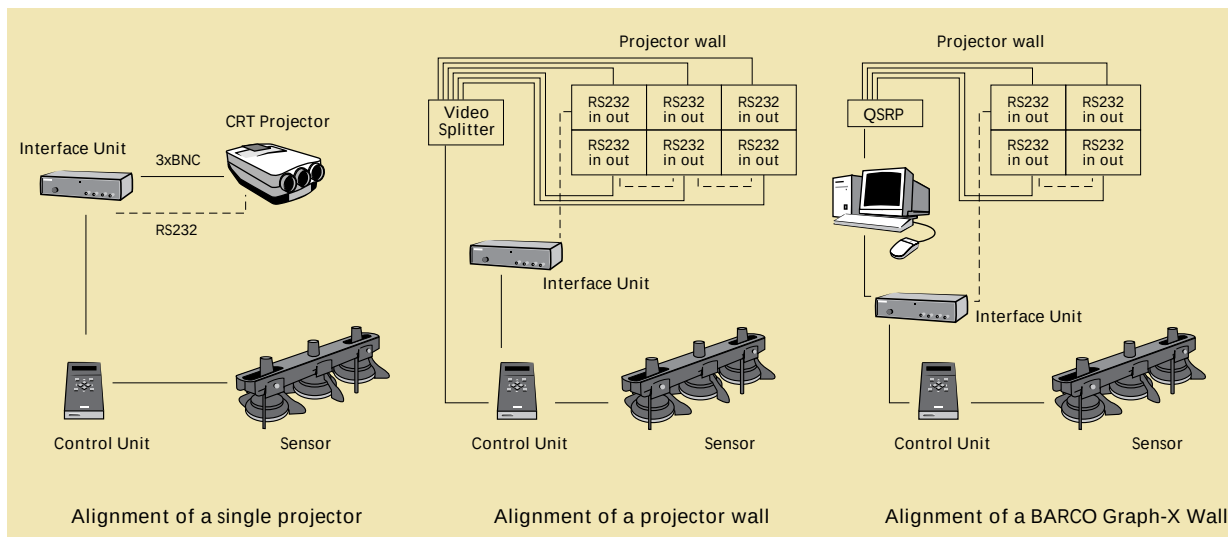
ACTAS has three operational modes: a full automatic mode for use in multi-screen installations, a semi-automatic mode for use with all digital projectors and a manual mode.

### Precision Color Temperature Alignment

- ACTAS is made up of three units: a sensor unit, a control unit and an interface
- The sensor unit has a red, green and blue photosensor and can be easily mounted on the projector's lenses
- The control unit has a LCD display for use in manual control mode
- A generator is operated through the Interface
- Adjustment in low lights and high lights with adjustable level
- Adjustment time: < 3 minutes
- Compatible with all BARCO CRT projectors with RS232 connection



# Technical Specifications



## Sensor Unit

- Function: 3 precision photosensors for red, green and blue lens; fits to the projector as one unit;
- Fits to any lens size: 7", 8" or 9"
- AC Mains: through MiniDIN
- Input: MiniDIN connector with 1 meter cable to Control Unit

## Control Unit

- LCD display: shows the adjustment status of the menu buttons: 4 cursor buttons, Adjust, Enter, Exit and Address button.
- Can be used for adjustment of the highlights and lowlights levels and sync on green or separate sync
- AC Mains: through D-9
- Input: D-9 connector with 15 meter cable to Interface
- Output: MiniDIN connector

## Interface Unit

- Has a built-in white field generator with frequency between 15 and 99 kHz, vertical 42-150 Hz
- AC Mains: 198 - 243 VAC or 90-132 VAC, 50/60 Hz
- Output: 4 BNC connectors for RGBS signals to the projector or to a system input

- D-9 connector for connection of the control unit
- Communication: 2 x D-9 connectors for RS232 out to the first projector or to the host computer (for BARCO Graph-X Wall applications)

Adjustment Time  
less than 3 minutes

## Colour Accuracy

- 3200 K :  $\pm 100$  K
- 6500 K :  $\pm 250$  K
- 9300 K :  $\pm 500$  K

## Safety Regulations

The ACTAS complies with UL1950 and EN60950

## Electromagnetic Interference

The ACTAS complies with FCC part 15 Class A (120V version) and CE EN55022 Class A (230V version)

## Order Information

ACTAS  
230V

R9827961



BARCO Projection Systems is an ISO 9001 registered company.

The information and data given are typical for the equipment described. However any individual item is subject to change without any notice.

BARCO Projection Systems Head Office  
Noordlaan 5 8520 Kuurne, Belgium  
Tel: +32 56 36 82 11  
Fax: +32 56 35 16 51  
E-mail: sales.bps@barco.com  
Visit BARCO at the web: <http://www.barco.com>

