



PRELIMINARY

D-CINE Control System RC 567

A convenient, highly integrated and easy to use remote control that provides all of the operations of the D-CINE, plus protection of the digital projection head and a convenient automation interface in one exceptionally flexible control system.

The Barco RC567 control range is available in several forms to allow it to be configured to suit almost any level of user skill, or installation situation...

To meet any requirement from simple push button operation to advanced touch screen remote control.

- Compatible with the Barco D-Cine DP40, DP50 and DP60 Digital Cinema Projectors
- A wide range of local 19" rack, desk or wall mount control configurations
- Clear LED projector OK / Communication and Alarm status indicators
- Projector head, ACSAR and CLO (Constant Light Output) control menus
- Push button digital head mode selection
- Alarm and auto shutdown digital head protection
- User definable projector show control relay functions
- Optional backlit LCD touch panel control with extended status reporting, intuitive drop down menu and user definable background and button text capabilities
- Customizable graphical menu structure with password protection
- Optional automation interface for additional operating flexibility

Specifications RC 567

General Specifications

Control Types:

- Push button (standard) including:
 - 4 LED indicators
 - 4 digital mode switchers
 - 4 user definable switches
 - 4 general purpose output relays
- Push button and touch screen (optional). Same functionality as above plus:
 - Simple to use B&W touch screen control for advanced projector set-up and diagnostics
 - Real time clock
 - Automation interface drive
- Screen can be supplied for local mounting in the lamp console or as desk or wall-mounted consoles for remote control.



Configurations

- Local Buttons
- Local Buttons & Local Touch Screen
- Local Buttons & Remote Touch Screen

Power

12V DC. Auto ranging 110 - 220V power adaptor included

Rear Panel connectors (9-pin D)

Auxilliary communications port: RS232/RS422
PC communications port: RS232
Cine communications port: RS232/RS422

Power and Link in and out LED status Indicators

Projector OK
Touch panel ready
Projector head ready
Projector error

Push Button Control

- 4 buttons for direct control of the projector digital head modes plus 4 opto-isolated inputs, parallel on the buttons for connection with the automation system. 30V max / 3kOhm minimum
- 4 user definable buttons for control of the projector or automation system plus 4 parallel opto-isolated inputs. 30V max / 3kOhm minimum
- 4 output relays (common, normal open, normal closed contact available per relays). 250V/2A max

Touch Panel Control

Back-lit QVGA (320 x 240) black and white LCD display.

Backlight saving: shutdown after 4 minutes

Touch-layer matrix: 10 x 7 buttons

Graphical storage: user configurable drop down menus

Flash controller: upgradeable via RS 232 serial link

Real-time clock: with back up battery for basic automation

Optional PC Windows™ software provides customisable menus to store any preferred background or button text.

Menu Structures

Projector head: test pattern / diagnostics / input settings / switch modes
ACSAR: control inputs / align signals
CLO: on-off / lamp status
Automation: customizable

Size

Rack version:

3u (h) x 19" rack mount

Console version:

264(w) x 86(h) x 176(d) mm

10.4(w) x 3.4(h) x 6.9 (d) inches

19" Show Control Interface

The BARCO remote control system is further enhanced by an optional rack mounted automation interface that is compatible with most industry standard automation systems and, when used with the Barco touch screen control, provides up to 32 isolated inputs, 32 relay outputs and 16 analogue outputs per system.

Optional Automation Card

- 8 relay outputs, 250V / 2A max
- 8 opto-isolated inputs, 30V max / 3kOhm minimum
- 4 opto-isolated analog outputs, 0-24V / 20mA, current limited

Order References:

Local Button Controller: Supplied

Local Touch Screen Controller Upgrade kit: R9806043

Remote Touch Screen Controller (Wall / Table mount): R9806040

Automation Interface Card: R9806050



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.

