

AHD-SLP A / AHD-SLP AJ

Searchlight Operation Panel with buttons or joystick



HR 1170



AHD-SLP A



AHD-SLP AJ

- ***Control unit for high-power searchlight (2x35W Metal Halide)***
- ***Optimized design with pan, tilt and focus function***
- ***Comfortable control via joystick or buttons***
- ***Multiple control units can be combined, remote control also possible via Böning Panel-PCs***
- ***Unified design of the Böning yacht equipment series***

General

Searchlights are used to emit light signals and can assist in rescuing shipwrecked persons or locating wanted objects in an emergency. They are also essential for maneuvering at night.

Böning offers the specially developed control units AHD-SLP A with button operation or AHD-SLP AJ with joystick for searchlights of the type HR 1170 or RCL-300A. Both variants fit into the proven design of the Böning product series for yachts.

Function

The design of the operating units AHD-SLP A / AHD-SLP AJ was optimized for direct control of the above mentioned searchlights. All functions can be accessed directly via control buttons and/or joystick. Pressing the integrated on/off button alternately turns the lamp on or off.

The integrated photo sensor automatically dims the illuminated control elements. This makes the device perfectly suitable for use on ship bridges.

CAN-Bus

By linking several control units via CAN bus, the searchlight can be conveniently controlled from different locations on the ship, for example from the bridge and flybridge. The CAN bus can also be connected to Böning Panel PCs of the type AHD 12XX or AHD 13XX, so that, with the appropriate configuration, it can also be operated via the PC's touchscreen.

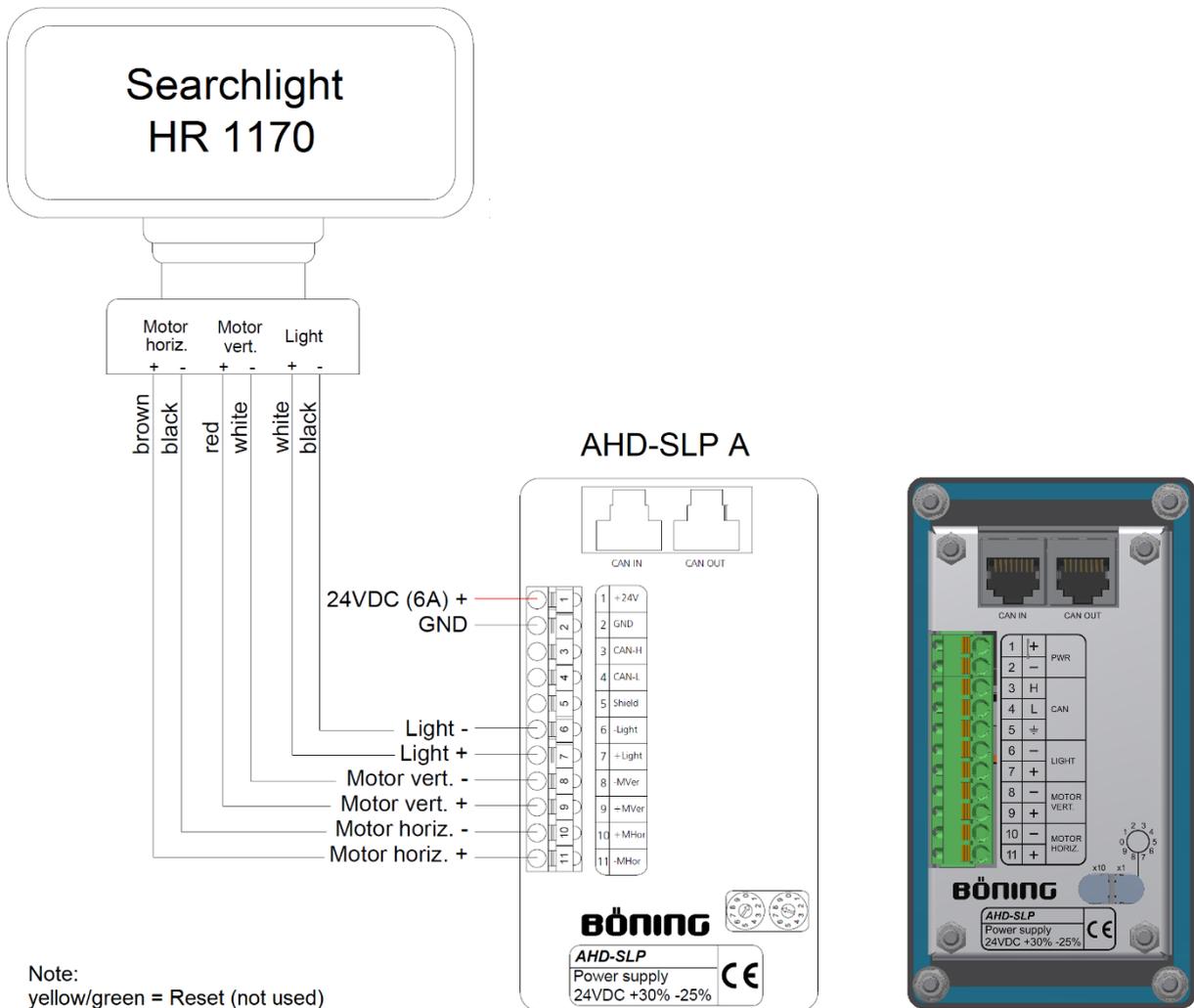
Connection and Power Supply

The operating unit is designed for panel mounting. Connection, including the lamp supply, is via a pluggable terminal strip (11-pole). The CAN bus is accessible via screw terminals or alternatively via RJ45 sockets.

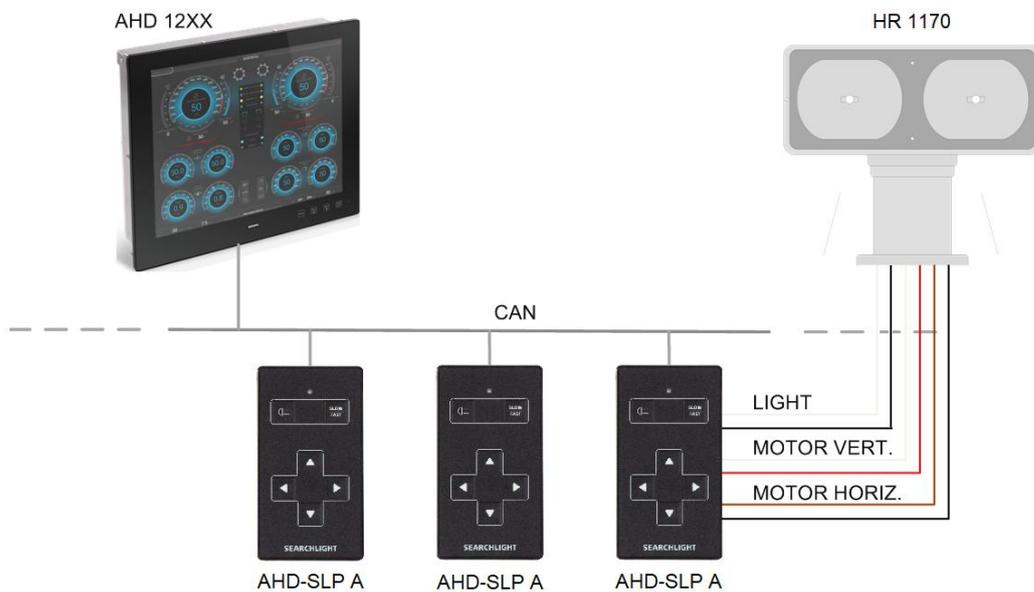
Operation



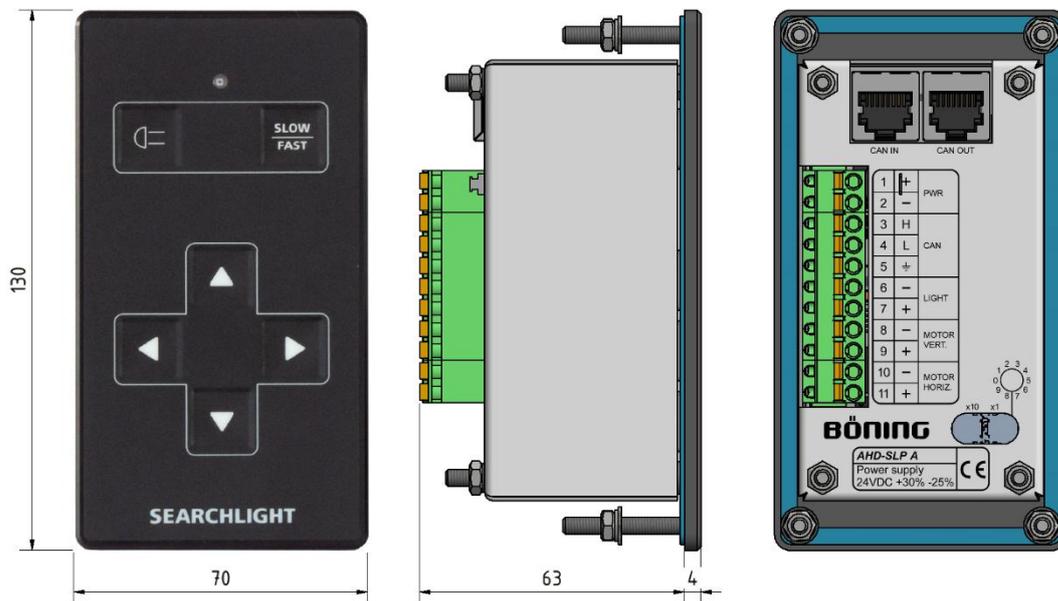
Connection diagram



Note:
yellow/green = Reset (not used)



Dimensions, Connections



Technical data

Operating unit AHD-SLP A with pushbutton

Power supply	24 V DC (+30% / -25%)
Quiescent current	150 mA
Ambient temperature	-10 °C...70 °C
Storage temperature	-30 °C...85 °C
Weight	Ca. 0,15 kg
Protection class	Front IP 56, Rear IP 20
Dimensions	70 mm x 130 mm x 67 mm
Panel cutout	60 mm x 110 mm
Inputs	1 x CAN (RJ45 and Terminals)
Outputs	2 x analog max. 12 V DC
Item number	22625

Operating unit AHD-SLP AJ with joystick

Power supply	24 V DC (+30% / -25%)
Quiescent current	150 mA
Ambient temperature	-10 °C...70 °C
Storage temperature	-30 °C...85 °C
Weight	Ca. 0,35 kg
Protection class	Front IP 56, Rear IP 20
Dimensions	70 mm x 130 mm x 67 mm
Panel cutout	60 mm x 110 mm
Inputs	1 x CAN (RJ45 and Terminals)
Outputs	2 x analog max. 12 V DC
Item number	22626

Searchlight HR 1170 / RCL-300A

Power supply	12...24 V
Current consumption	typ. 8 A @12VDC typ. 4 A @24VDC
Weight	14,06 kg
Protection class	IP 56 (Aluminum housing sea water resistant)
Outer dimensions (WxHxD)	308 X 248 X 329 mm
Flange diameter	246 mm (outer dim.)
Lamp	Metal Halide, 2x35W max. 600.000 cd
Range	Up to 700 m, spread = 7°
Positioning	360° with endless rotation, vertically 12° up, 38° down
Positioning speed for rotation	30°/s „fast“ 12°/s „slow“
Positioning speed vertical	ca. 7°/s
Item number	Please request