

## **AHD-DC**

### **Control Unit for Color Displays**



The display operation panel AHD-DC features all necessary functions for operating Böning panel PCs with integrated PC: (AHD 12XX and AHD 13XX series) or displays (AHD 11XX series). With the operation panels all visualization pages can be opened and the respective operational elements on the pages can be activated. Multiple displays can be selected and operated from different selectable control stands with AHD-DC.

With one operation panel AHD-DC up to ten panel PCs / displays can be operated. Additionally several operation panels AHD-DRM can be connected to AHD-DC for the operation of the panel PCs and displays.

***Remote operation of Böning panel PCs and displays of the AHD 11XX, AHD 12XX and AHD 13XX series***

***Single and multiple control of displays***

***Data communication via CAN bus***

***Comfortable control of display menu and visualization***

***Robust and elegant design for challenging demands***

***Compact unit for installation in control desks, panels or arm-rests***

***Suitable for indoor and outdoor use***

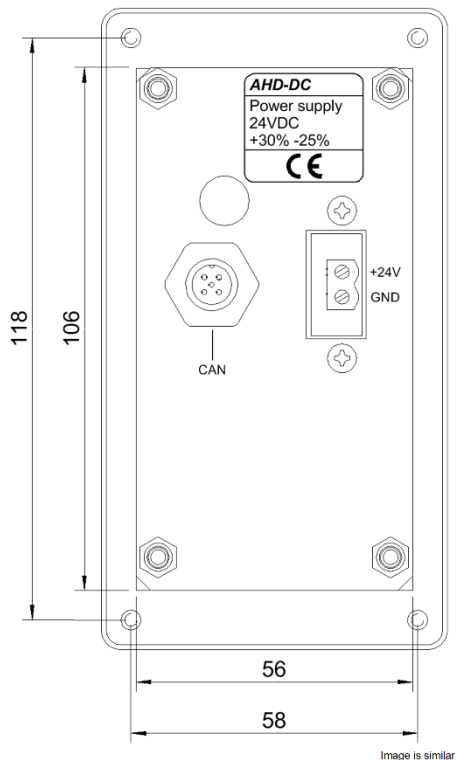
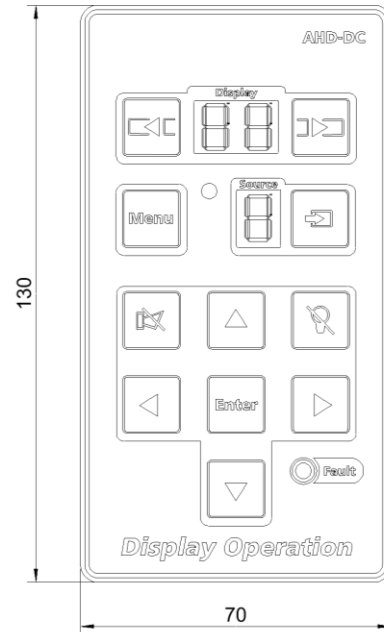
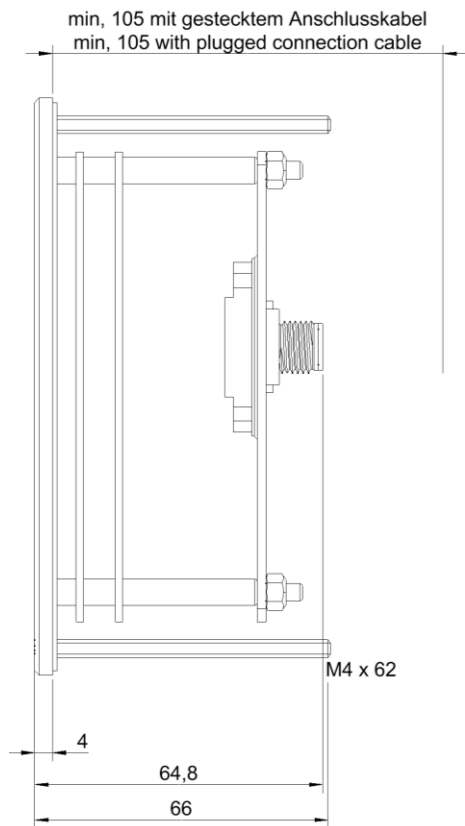
***In combination with AHD-CUC: Operation of navigation PCs and more***

The operation panel AHD-DC is connected to the same CAN bus for data transmissions from operation panels and controls to the displays. All controllable displays are also connected to the control CAN bus interface port.

The control CAN bus is separated from other CAN bus systems (i.e. the SAS-CAN for ship alarm and monitoring system or engine CAN bus) in order to ensure an undisturbed data communication.

For safety reasons, every operation panel AHD-DC on the control CAN is connected separately to the 24 V DC power supply.

## Technical information:



## Technical data

### Mechanical data

Dimension W x H x D	70 x 130 x 66 mm
Weight	Ca. 0.3 kg

### Environmental data

Operating temperature	-30°C ... +70°C
Storage temperature	-50°C ... +85°C
Protection class	IP 66, front side IP 10, rear side

### Electrical data

Power supply	24 V DC (+30% -25%)
Current consumption, max.	40 mA (24 V DC)

### Interfaces

1 x CAN	Data communication with displays on control CAN
2-pole terminal strip	Connection of 24 V DC power supply