

AHD-WOP

Whistle Operation Panel



The whistle operation panel AHD-WOP features all necessary functions to operate a ship's whistle. In addition to manually controlling the whistle, all common signals detailed in the "Conventions on the International Regulations for Preventing Collisions at Sea" are available with pre-programmed pattern. The signals and the interval time for signal repetition are selected by individual push buttons. The selections are indicated by means of LEDs. The whistle is subsequently activated by pressing the start/stop button. Signals for change of direction and collision warning are activated directly by operation of corresponding further push buttons.

Whistle operation on bridge or further control stands

Common signals pre-programmed

Robust, weatherproof design for outdoor use

Field of application

- Operation of one or more whistles on board ship

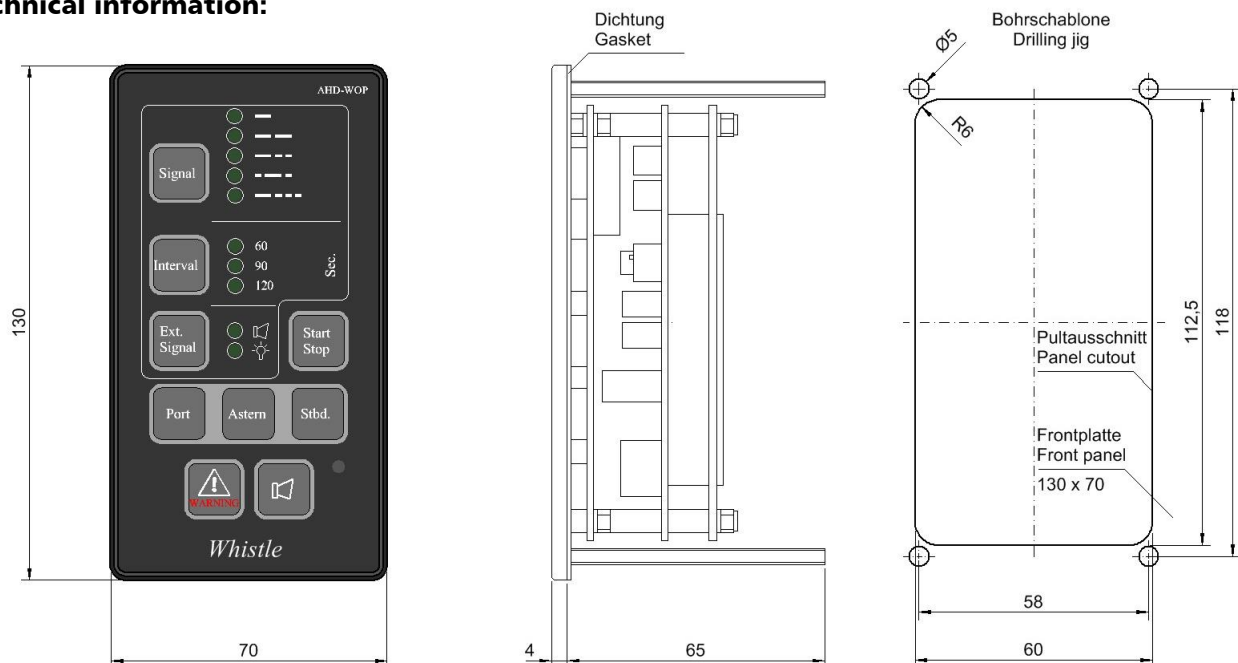
Features

- Commonly used signals pre-defined
- CAN bus connection for optional remote control via touch screen
- External signal lights can be connected
- Multiple operation panels connectable
- Automatic LED brightness adjustment

The operation panel is designed for installation in consoles on bridge or further control stands. The device's front is covered by a waterproof, UV-resistant, scratch-proof plastic foil, making it suitable for outdoor use. All operating elements are backlit for ease of use at night. LED brightness is automatically adapted to ambient lighting conditions by means of a photo resistor.

Up to four whistle operation panel AHD-WOP can be connected in serial (RS485) to control a whistle. If needed, the signals can also be sent by the ship's signal lights.

Technical information:



Technical data:

- Mechanical data:

Dimension W x H x D: 70 x 130 x 65 mm

Weight: 0,4 kg

- Environmental data:

Operating temperature: -25°C ... +70°C

Storage temperature: -30°C ... +85°C

Enclosure: IP 67, front side
IP 20, rear side

- Electrical data:

Power supply: 24VDC (+30%/-25%)

Current consumption, max.: 400 mA

- Outputs:

2 x Horn relay for whistle control perm. contact load
24VDC (+30%/-25%) / 0,5A

2 x Lamp relay for signal light control perm. contact load
24VDC (+30%/-25%) / 0,5A

- Interfaces:

1 x RS485 (4 terminals for in- and output connection) for internal communication

1 x CAN for external control (e.g. by touch screen, not available yet)

- Approvals:

RS