

# Attendant Control OpenBus™ Display - ACOD

## Data Sheet



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## Introduction



ACOD is an intelligent attendant control for hospital and nursing home beds, which is based on LINAK OpenBus™ platform. It has up to 25 buttons, of which 7 are dedicated to display navigation, 13 LEDs and one 2.4" colour LCD display panel, allowing full functionality of the bed. ACOD offers various benefits like:

- Selective bed control with lock-out functionality for increased safety and comfort for the patient and efficiency for the staff.
- LED indicators help the staff to show the status of the bed.
- Angle and height information can be displayed during movement.
- Scale information will be displayed in the 2.4" colour display panel via navigation buttons.
- Out of bed settings can be controlled in the display via navigation buttons.



### Information

Please be aware that scale and out of bed information requires a Scale/Quad Load Cell Interface 2 (QLCI2) connection.

## Features and options

|                    |                                                                                                                                                                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Housing colour:    | Light grey, RAL 7035                                                                                                                                                                                                                                                    |
| Protection class:  | IPX6                                                                                                                                                                                                                                                                    |
| Number of buttons: | Up to 25                                                                                                                                                                                                                                                                |
| Button type:       | Tactile switches                                                                                                                                                                                                                                                        |
| Magnet lock:       | Yes (activated via Hall sensor)                                                                                                                                                                                                                                         |
| LED indication:    | Up to 13 LEDs:<br>1 LED indication for mains (orange)<br>1 LED indicates when the battery is charging (orange)<br>3 LEDs, indicating battery level (orange)<br>1 LED indication for Under Bed Light (orange)<br>Other LED indication for lockout functionality (orange) |
| Display panel:     | 2.4" colour LCD display                                                                                                                                                                                                                                                 |
| Resolution:        | 240x320                                                                                                                                                                                                                                                                 |
| Display size:      | 42.72 mm (W) x 60.26 mm (H) X 3.00 mm (T)                                                                                                                                                                                                                               |
| Front cover:       | Standard or customised                                                                                                                                                                                                                                                  |
| Dimensions:        | 224.0 mm (W) x 152.8 mm (H) x 61.6 mm (T) with Ø32 hook<br>224.0 mm (W) x 152.8 mm (H) x 73.0 mm (T) with Ø42 hook<br>224.0 mm (W) x 152.8 mm (H) x 29.0 mm (T) without hook                                                                                            |
| Attachment:        | Via exchangeable hook, hook size: Ø32 and Ø42                                                                                                                                                                                                                           |



|                      |                                                                                                                                                                                                                              |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cable:               | Replaceable cable                                                                                                                                                                                                            |
| Background lighting: | Keypad and display                                                                                                                                                                                                           |
| Languages:           | <ul style="list-style-type: none"> <li>• English</li> <li>• German</li> <li>• Danish</li> <li>• French</li> <li>• Spanish</li> <li>• Portuguese</li> <li>• Chinese (simplified and traditional)</li> <li>• Polish</li> </ul> |

It is possible to design front covers according to customer requests. In order to do this, use the sales backup chapter 9.35 Front cover guidelines.

## Usage

|                         |                                                                              |
|-------------------------|------------------------------------------------------------------------------|
| Operation temperature:  | +5 °C to +40 °C                                                              |
| Storage temperature:    | -10 °C to +50 °C                                                             |
| Relative humidity:      | 20% to 80% – non-condensing                                                  |
| Atmospheric pressure:   | 700 to 1060 hPa                                                              |
| Meters above sea level: | Max. 3000 meters                                                             |
| Flammability rating:    | UL94V-2                                                                      |
| Approvals (pending):    | IEC60601-1<br>IEC60601-1-2<br>ANSI/AAMI ES60601-1<br>CAN/CSA-22.2 No 60601-1 |



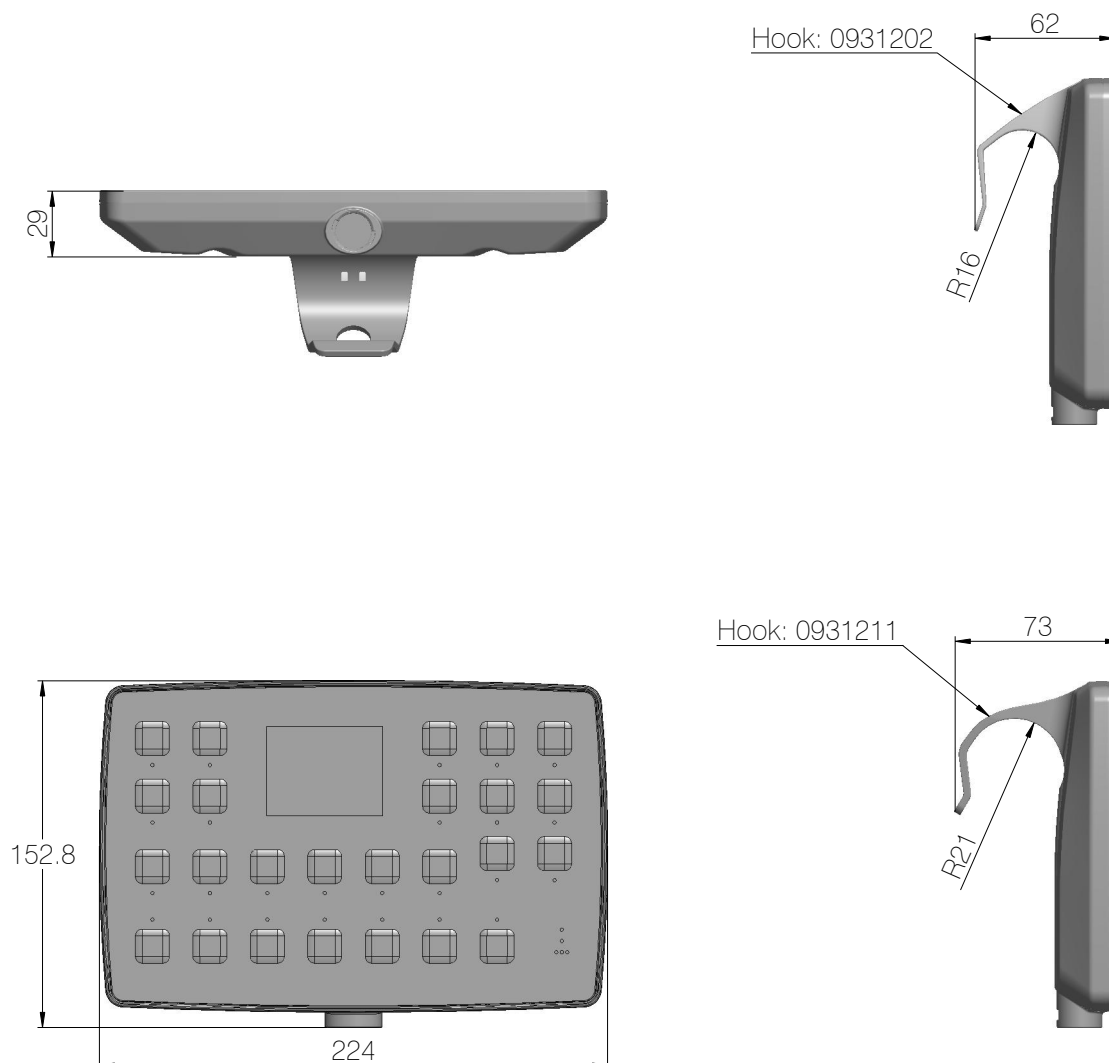
## Ordering Example

|                                                    |      |                                                   |                                                   |
|----------------------------------------------------|------|---------------------------------------------------|---------------------------------------------------|
|                                                    | ACOD |                                                   |                                                   |
| Functionality type:                                | 01   | 01 = Functionality 01<br>(24 buttons and 12 LEDs) | 02 = Functionality 02<br>(22 buttons and 11 LEDs) |
| IP degree:                                         | 6    | 6 = IPX6                                          |                                                   |
| Button number:                                     | 24   | 24 = 24 buttons                                   | 22 = 22 buttons                                   |
| LED:                                               | 12   | 12 = 12 LEDs                                      | 11 = 11 LEDs                                      |
| Front cover item number:                           | 001  | 001 = Last 3 digits of front cover item number    |                                                   |
| Mounting:                                          | 1    | 0 = Without hook<br>2 = With hook Ø42             | 1 = With hook Ø32                                 |
| Box colour:                                        | +    | + = Light grey, RAL7035                           |                                                   |
| Not Used:                                          | 0    | 0 = None                                          |                                                   |
| Not Used:                                          | 0    | 0 = None                                          |                                                   |
| Not Used:                                          | 0    | 0 = None                                          |                                                   |
| Not Used:                                          | 0    | 0 = None                                          |                                                   |
| Not Used:                                          | 0    | 0 = None                                          |                                                   |
| Not Used:                                          | 0    | 0 = None                                          |                                                   |
| Not Used:                                          | 0    | 0 = None                                          |                                                   |
| Not Used:                                          | 0    | 0 = None                                          |                                                   |
| Cable colour:                                      | 2    | 0 = No cable<br>2 = Grey RAL 7035                 |                                                   |
| Plug type:                                         | D    | 0 = No cable<br>D = Modular 10 pin                |                                                   |
| Cable material:                                    | 1    | 0 = No cable<br>1 = PU                            |                                                   |
| Cable style:                                       | C    | 0 = No cable<br>C = Coiled                        |                                                   |
| Not Used:                                          | 0    | 0 = None                                          |                                                   |
| Not Used:                                          | 0    | 0 = None                                          |                                                   |
| Not Used:                                          | 0    | 0 = None                                          |                                                   |
| Chosen item number: ACOD01624120011+00000002D1C000 |      |                                                   |                                                   |



## Dimensions

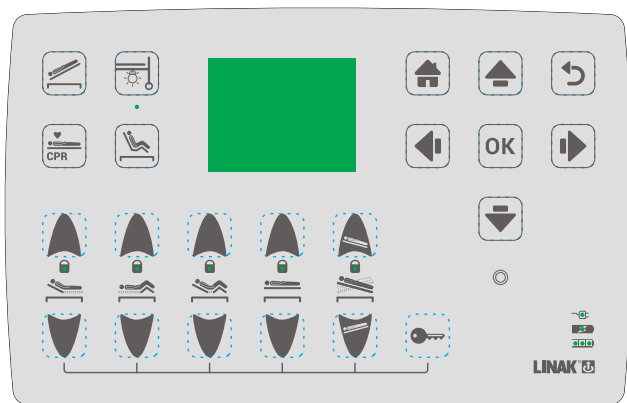
All dimensions are in mm



Dimension drawing no.: 1093W4001

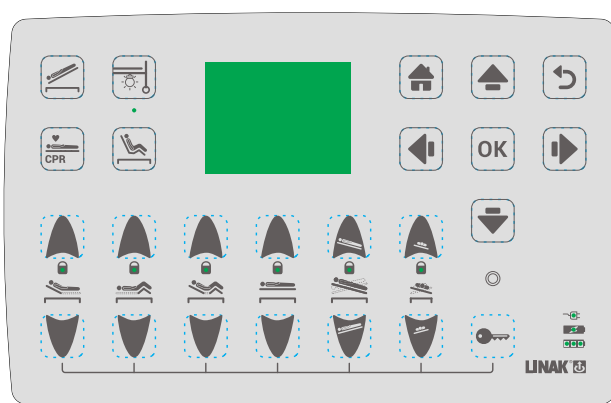
## Standard front covers

22 buttons



00ACOD2211001

24 buttons



00ACOD2412001

## Locking via Hall sensor

The ACOD can be locked via Hall sensor by hovering the magnet key over the Hall sensor icon:



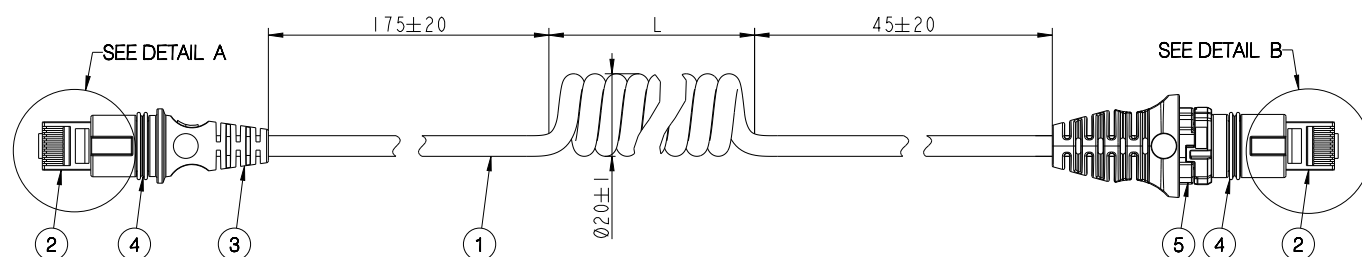
Remember to order magnet key:

Magnet key - ordering no. 0858008 (RAL 7035 light grey).



## Cable

The ACOD uses an exchangeable OpenBus cable, item number: 1034w7002-0600 (cable is included).



Drawing no.: 1034w7002



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