



# User Guide



## Dynamic Reception Monitor

HDCP compliant aluminium motorised monitor for desk integration

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Technology Serving Design

Danish craftsmanship  
Mediterranean soul



ARTHUR HOLM

## TABLE OF CONTENTS

REGULATIONS AND SECURITY	5
SAFETY INSTRUCTIONS	5
SYSTEM DESCRIPTION	7
INSTALLATION INSTRUCTIONS	10
INPUT CONNECTORS	11
CONTROLS	12
OSD MENU	13
VIDEO SIGNALS	16
INFORMATION ON DISPOSAL	17
WARRANTY TERMS AND CONDITIONS	18

## **WELCOME**

Thank you very much for purchasing an Arthur Holm product.

Please, read these installation and operating instructions carefully and keep them in a safe place for future consultations.

We remain at your entire disposal if you have any suggestions.

**Henrik Holm**

General Manager

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## **ABOUT US**

### **The Company**

Arthur Holm has its origins in the Danish furniture designer Jorgen Alex Jensen, who was active during the sixties and the seventies. His design inspiration and his concept of ergonomics have been continued by his family, who is the design force behind Arthur Holm product range. The result of combining Scandinavian design tradition with Mediterranean creativity, flexibility and emotion is a wide product range built on more than 25 years of craftsmanship.

Arthur Holm offers a professional product range where tomorrow's technology is shaped into valued materials with design flexibility and customisation, specially created to enhance communication in reception, collaboration, conference and meeting areas.

### **The art of customisation**

Arthur Holm offers a range of ingenious products whose designs are based on quality materials and the latest technology. Products which endow meeting and conference rooms with silent, ergonomic, innovative and aesthetic solutions that integrate into the furniture, hang from the walls as works of art or are used as interactive points of information.

### **The world of Arthur Holm**

Arthur Holm offers a selection of unique, elegant, versatile, flexible and ergonomic products that are being used in meeting and conference rooms, reception areas, huddle rooms, control rooms, auditoriums and public zones of leading companies throughout the world.

The numbers speak for themselves! We currently own 33 product patents, have presence in over 45 countries with products and solutions in more than 25,000 installations.

It will be our pleasure to work with you, designing your unique and personalised environment. Our broadcast electronic engineers will provide the latest technology while our design team will offer you the most exclusive appearance.

Our team puts its heart, passion and pride in all our designs.

## REGULATIONS AND SECURITY



**ATTENTION:** Do not disassemble or modify the device in any way. This symbol warns of the presence of dangerous un-insulated voltages inside some of the components, of sufficient magnitude to expose people to risk of electronic shock.



This symbol draws attention to important use and maintenance instructions in the manual that accompanies the unit.



This symbol indicates that the equipment conforms to the norms established by the European Community.



This symbol indicates D.C. current.

## SAFETY INSTRUCTIONS

### Plugs

- Do not dismantle any part of the monitor power connector.
- Disconnect the power plug from the AC outlet when the monitor is not going to be used for an indefinite period of time.

### Power and extensions cords

- Use the appropriate power cord with the correct plug type.
- Do not overload wall outlets or power cords.
- Make sure the total ampere passed through an extension cord does not exceed the maximum allowed by the cable used.
- Do not place anything on the power cord.
- Do not locate this product where a person may walk or trip over the cord.

## SAFETY INSTRUCTIONS



Wiring connected to hazardous voltage requires installation by qualified personnel or the use of ready-made flexible cables.



For your security, your equipment must be connected to an electrical outlet with grounding connection protection.

Since the plug is used to disconnect the device, the operating electrical outlet must be in an easily accessible place.

### Environment

- Install the equipment on an elevated, flat surface.
- Install the equipment in a ventilated area.
- Avoid exposing the equipment to:
  - Rain or water
  - Excessive heat, cold or humidity
  - Area exposed to direct sunlight
  - Dirty areas
  - Equipment generating strong magnetic fields
- Avoid placing open containers of liquid, near the equipment.
- Keep a minimum distance of 30 mm in order to have good ventilation.
- Never place above the device any sources of flames such as lighted candles, etc.
- If you are using the device in extreme weather conditions and/or tropical climates, the equipment should be installed in a room which ensures a reasonable level of temperature and humidity.
- To prevent damage the equipment must be firmly anchored to the surface, as shown on the installation instructions.

## SYSTEM DESCRIPTION

### General

Motorised adjustable reception monitor for a perfect fit. Quick motorised adjustment to match each individual needs when working to create a correct and preferable work environment at the front desk.

The professional Arthur Holm DynamicReceptionMonitor incorporates the latest professional technologies to ensure a perfect workplace. It offers a non-obstructive design in which all technical interfaces and cables are internal, so the front desk is free of cables and obstructive components, creating a cleaner work environment.

The DynamicReceptionMonitor has been designed to be integrated in tables or desks. The base of the monitor is installed on the surface and its connectivity is placed below the table, making the installation clean and minimalistic. The elegant monitor housing is made of milled aluminium and stainless steel and it includes an antiglare protection glass with black marking. The stainless steel rotary arm of the monitor offers a motorised adjustable height for a perfect fit.

### Highlights

- Ergonomic
- Motorised adjustable height
- Adjustable viewing angle (horizontally and vertically)
- 140 degrees rotation
- Exquisite materials
- 24/7 Design

# SYSTEM DESCRIPTION

## Available Models

MODEL	DESCRIPTION
AH22DRM	HDCP compliant 21,5" Full HD monitor with motorised adjustable height. Manually adjustable vertical and horizontal viewing angle, 140 ° rotatory. Under desk clamp mounting, HDMI input.

## Options

<b>AH22DRM</b>
<b>CL (Min.5 units)</b> Laser engraved logo
<b>TS2216G</b> Projected capacitive multi-touch screen
<b>PF</b> Privacy filter



# SYSTEM DESCRIPTION

## Box Contents

Before the installation of your retractable monitor, please check the contents of the shipping box, it must contain the following items:

- Monitor
- Power cord
- Power supply 100-240Vac, 50-60Hz. Output 12V
- User guide

## Connections

Power connection:

1. Plug the power cable from the power supply into an AC socket of 100-240 Vac, 50-60Hz.
2. Plug the 12Vdc cable into the socket on the unit.

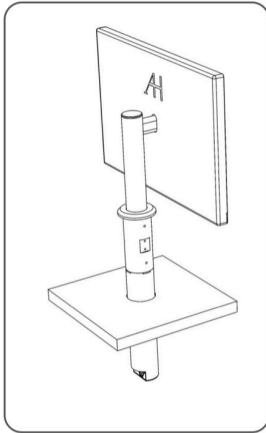
Signal connection:

1. Use the HDMI cable with HDMI female connector, to connect a HDMI input signal.

**Use high quality HDMI cable with 2m maximum length**

# INSTALLATION INSTRUCTIONS

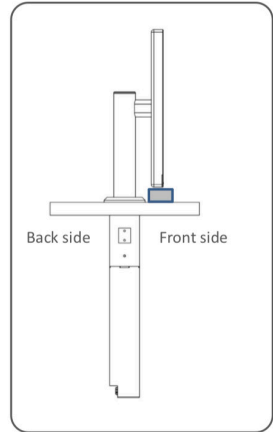
## Assembling Guide DynamicReceptionMonitor



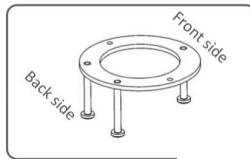
1 – Pass the device black tube trough the table hole

- 2 – Point the device to its correct position
- 3 – Wedge the monitor to keep it vertically.

**IMPORTANT:** The Bracket Ring has mounting position to fix the device correctly with the table.  
The side with 2 screws must be in the back side of the monitor.



4- Mount the Pressing Screws on to the Bracket Ring so the screw is flushed with the upper side of the ring.



## Assembling Guide DynamicReceptionMonitor

5 – Under the table: Pass the Protective and the Bracket ring trough the device.

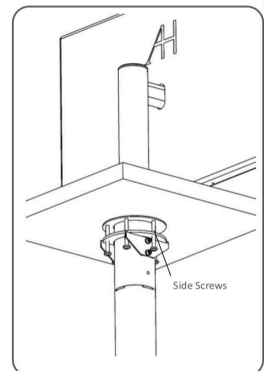
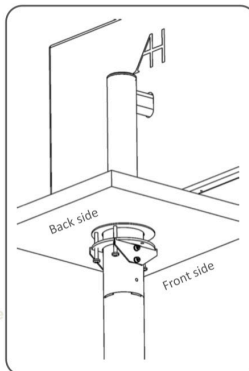
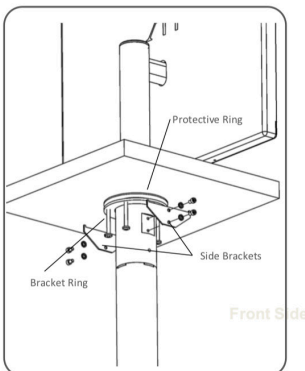
6 – Tighten the Pressing Screws gradually.

6 – Mount the side Brackets.

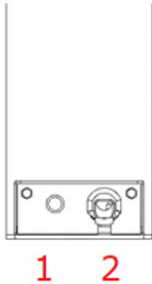
**IMPORTANT:** Use the washer and the screw supplied (Using washer the maximum screw length can be 8mm, without washer 6mm)

Remember that the 2 Pressing Screws must be in the back side of the monitor

7 – Assemble and tighten the Side Pressing Screws.



# INPUT CONNECTORS

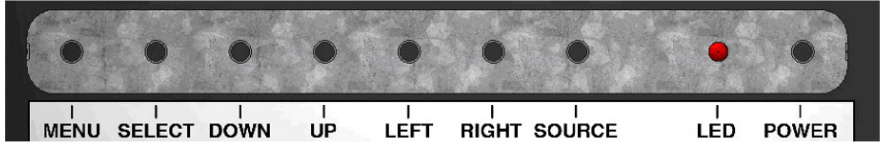


- 1.** 12V D.C. input power connector.
- 2.** HDMI female input cable signal connector.

# CONTROLS

## OSD monitor control

The OSD buttons, to control or configure the monitor, are located at the lower body housing of the system.



MENU	Activates the OSD menu on screen. Exits the OSD menu when is active
SEL	Selects the OSD menu function
DOWN	Moves the cursor down in the OSD menu
UP	Moves the cursor up in the OSD menu
LEFT	Moves the cursor left in the OSD menu
RIGHT	Moves the cursor right in the OSD menu
SOURCE	Signal input selection [No function in this model]
LED	Indicates operation status
POWER	Monitor power on/off

In front of the screen, you have the up and down height adjust control buttons. Press the button to up or down the screen, and release the button when the screen is on desired position.



## OSD MENU

### Accessing the menu system

- With the OSD off, push the MENU button to activate the main OSD menu.
- Press the UP and DOWN buttons to move from one function to another. Please refer to the following sections below to view a complete list of all the functions available for the monitor.
- Press the OK button to confirm.
- When a function is selected, press the LEFT and RIGHT buttons in order to change the parameter of the function.

Press the MENU button to access to the main menu.

### Picture

Picture Mode: Adjusts the mode of the image

- Dynamic
- Standard
- Mild
- User: Contrast - Brightness - Colour - Sharpness - Tint

Colour Temperature: Adjusts the colour of the image

- Cool
- Medium
- Warm
- Use: Red - Green - Blue

Aspect Ratio: Adjusts the image aspect on screen

- 4:3
- 16:9
- Just scan

## OSD MENU

Noise Reduction: Adjusts the image noise filter

- Off
- Low
- Medium
- High
- Default

Screen: (Only for analogue signals)

- Auto Adjust
- Horizontal Position
- Vertical Position
- Size
- Phase

Backlight: Adjusts the backlight screen's level

Colour Range: Adjusts the colour range

- 0 - 255
- 16 - 235

## OSD MENU

### Option

Language: OSD language selection

Restore Factory Default: Adjusts the parameters to the initial factory parameters

Blending: OSD window transparency

- Low
- Medium
- High
- Off

OSD Duration: Adjusts the time that the OSD menu window remains on the screen

Software Update (USB): Port to use for firmware's upgrade.

Mirror:

0. Image with no flip
1. Vertical flip
2. Horizontal flip
3. Rotate

## VIDEO SIGNALS

RESOLUTION	Horizontal freq (KHz)	Vertical freq (Hz)	Scanning type
800x600@60Hz	37.879	60.317	Progressive
800x600@72Hz	48.077	72.188	Progressive
800x600@75Hz	46.875	75.000	Progressive
1024x768@60Hz	48.363	60.005	Progressive
1024x768@70Hz	56.476	70.070	Progressive
1024x768@75Hz	60.023	75.030	Progressive
1280x720@60Hz	44.772	59.855	Progressive
1360x768@60Hz	47.720	59.799	Progressive
1280x1024@60Hz	63.981	60.020	Progressive
1600x1200@60Hz	75.000	60.000	Progressive
1680x1050@60Hz	64.742	59.946	Progressive
1920x1080@60Hz	66.647	59.98	Progressive



# INFORMATION ON DISPOSAL FOR USERS OF WASTE ELECTRICAL & ELECTRONIC EQUIPMENT



This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling, please take these products to the designated collection points, where they will be accepted on a free of charge basis. Alternatively, in some countries, you may be able to return your products to your local retailer upon the purchase of an equivalent new product.

Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

## **For business users in the European Union**

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

## **Information on disposal in countries outside the European Union**

This symbol is only valid in the European Union. If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

## WARRANTY TERMS AND CONDITIONS

Albiral Display Solutions warrants this product against manufacturing defects and workmanship for a period of two (2) years from the date of purchase, subject to the conditions below.

1. LCD panel, inverter, controller, electrical, electronic boards, engine, mechanical parts, accessories and power supply are warranted against manufacturing defects and workmanship for a period of two (2) years from the date of purchase.

2. LCD panels that present more than 3 defective pixels (15-19") and more than 4 defective pixels (20-24") will be replaced under warranty.

3. Labour costs: Albiral Display Solutions covers the labour costs to replace any defective parts during the validity of this warranty.

4. Transport costs:

I) In the case that a manufacturing defect occurs within 90 days after the purchase date, both freight and insurance costs will be paid by Albiral Display Solutions.

Although Albiral Display Solutions pays for transport and insurance cost, Albiral Display Solutions will not be responsible for the damages caused by transport if the customer does not inform in writing immediately when receiving the goods.

II) After 90 days of the purchase date, the beneficiary of the warranty will pay both freight and insurance costs.

Albiral Display Solutions will not be responsible for the damages caused by transport, when the customer pays this.

5. This warranty does not cover the labour costs of handling, diagnose, remove, replace, reinstall and/or program any product, force majeure causes such as vandalism or stealing.

## WARRANTY TERMS AND CONDITIONS

6. This warranty does not apply if the fault has been caused by misuse, improper handling, electrical or mechanical abuse, abnormal operation conditions, non-authorized modifications, and inadequate transport or as a result of atmospheric phenomena.

7. The warranty is not valid if persons other than authorized Service Centre have handled the product and if the product has been manipulated or warranty seals are removed or manipulated.

8. The beneficiary of the warranty will have to send the devices with the original packaging to warranty there are no damages during the transport.

9. The warranty is not valid if the beneficiary of the warranty does not include RMA form and copy of the purchasing invoice.

Please note that laws vary from country to country, and the same provisions of this warranty may not apply to you.

If you have any doubts concerning the terms of this warranty, please contact:

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**Patents**

MU17180ES00	P27178ITEP
MU17301ES00	P27178RUPC
MU17322ES00	P27178USPC
MU17413ES00	P27284DEEP
MU17445ES00	P27284EPPC
MU17854ES00	P27284ESEP
MU17868DEPC	P27284GBEP
MU17868RUPC	P27284RUPC
P24821DEEP	P27284USPC
P24821ESEP	P27715ESEP
P24821GBEP	P28089DEEP
P24821USPC	P28089ESEP
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P27178EPDV01	P28089USPC
P27178EPPC	P28090EP00
P27178ESEP	P31160ESES
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