



User Guide



Interpreter Video monitors

15AIVM, 17AIVM

HDCP compliant steel monitors for furniture integration

Enhancing communication through technology

----- Trusted since 1985 -----

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WELCOME

Thank you for purchasing an Albiral product.

Our product range has been designed for an easy installation and for a maximum reliability.

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

We remain at your entire disposal if you have any suggestions that would help us improve our products.

Henrik Holm

General Manager

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ABOUT US

The Company

Since its registration as a brand in February 1985, Albiral has been providing professional solutions based on different technologies.

Today, the brand offers a wide range of products with proven robustness and reliability, advanced features and a contemporary and customisable design with multiple applications:

- Interpreter booths
- Reception and welcome areas
- Auditoriums
- Meeting rooms
- Conference rooms
- Crisis rooms
- Control rooms
- Training rooms
- Security
- Digital Signage

Quality, performance, durability and experience are the brand values.

EC 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.

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 monitor 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 monitor on an elevated, flat surface.
- Install the monitor in a ventilated area.
- Avoid exposing the monitor 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 in the installation instructions.

SYSTEM DESCRIPTION

Applications

Albiral Interpreter Video Monitors are fixed built-in displays specially designed to support users with video contents when there is also a need to have a good view of the room. They offer a fixed tilt angle which is conceived to offer the best ergonomics, providing a direct line of straight vision to the rest of the room. The reduced height of the monitors allows the users to see each other while using the screen, making it easier to develop a smooth, collaborative and participative meeting when working together.

Albiral Interpreter Video Monitors are ideal to be integrated in meeting and conference rooms and interpreter booths, where space gets fully optimised with this unobtrusive solution.

Albiral Interpreter Video Monitors integrate the most advanced technology and a first level Full HD screen, assuring a high quality product combining utility and durability. They are made of powder coated steel, resulting in a robust housing with a resistant finish that contributes to the long life of the equipment.

Albiral Interpreter monitors also offer great ergonomics to the user. Their 34° fixed tilt angle is an optimal viewing angle to work both watching the whole room and analysing data or presentations on the screen. As they are built-in into the table surface, space is optimised to the maximum and the visual field remains wide open to users.

- **15AIVM:** 15.6" powder coated painted steel (RAL7015) monitor, 34 degrees of fixed tilt,DVI-I and DVI-D HDCP compliant inputs
- **17AIVM:** 17.3" powder coated painted steel (RAL7015) monitor, 34 degrees of fixed tilt,DVI-I and DVI-D HDCP compliant inputs

SYSTEM DESCRIPTION

Options and accessories

- TS150HD: 15" projected capacitive touch screen
- TS170HD: 17" projected capacitive touch screen
- RS-232: RS-232 connector
- SSB: On/Off button
- OOB: Source selection button

Box Contents

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

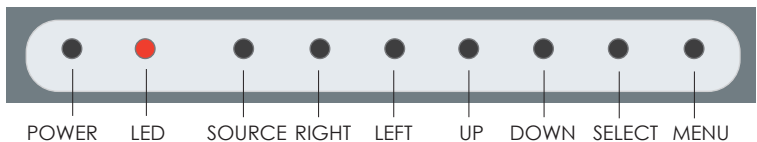
- Monitor
- Power cord
- Power supply 100-240Vac, 50-60Hz. Output 12V
- User Manual

Important note: This device can only work with the power supply included in the shipping box. This power supply can not be replaced by any other rather than the original one.

CONTROLS

OSD monitor control

The OSD buttons, to control or set-up the monitor, are located on the lower body housing of the system:



POWER	Monitor power ON/OFF
LED	Indicates operation status
SOURCE	Signal input selection
RIGHT	Cursor control right on the OSD menu
LEFT	Cursor control left on the OSD menu
UP	Cursor control up on the OSD menu
DOWN	Cursor control down on the OSD menu
SELECT	Selects the OSD menu function
MENU	Activates the OSD menu on screen. Exits the OSD menu when is active

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 enable the item.
- 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
- User: Red - Green - Blue

Aspect Ratio: Adjusts the image aspect on screen

- 4:3
- 16:9
- Just scan

OSD MENU

Picture

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 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

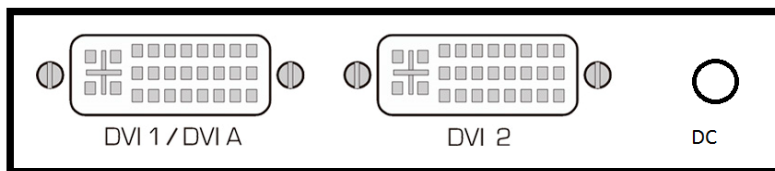
OSD Duration: Adjusts the time that the OSD menu window remains on screen

Software Update (USB): Used for firmware upgrade mirror

Mirror:

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

INPUT CONNECTORS



DVI 1/ DVI A: DVI-I input signal. Connect a DVI (digital) input signal and select DVI 1 on the OSD monitor menu. Use a DVI to VGA adapter to connect an ARGB (analogue) input signal and select DVI-A on the OSD monitor menu.

DVI 2: DVI-D input signal. Connect a DVI (digital) input signal and select DVI 2 on the OSD monitor menu.

- Use high quality DVI cables with 2m maximum length.

INPUT 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	44.697	59.915	Progressive
1280x768@60Hz	47.396	59.995	Progressive
1360x768@60Hz	47.720	59.799	Progressive
1280x1024@60Hz	63.981	60.020	Progressive
1680x1050@60Hz	65.160	59.944	Progressive
1600x1200@60Hz	74.479	59.967	Progressive
1920x1080@60Hz	67.500	60.000	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, accessories and power supply are warranted against manufacturing defects and workmanship for a period of two (2) years from the date of purchase.
2. Labour costs: Albiral Display Solutions covers the labour costs to replace any defective parts during the validity of this warranty.
3. Transport costs:
 - 3.1. 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 S.L. pays for freight and insurance costs, Albiral Displays Solutions will not be responsible for any damages caused by the transportation of the goods if the customer does not inform in writing when receiving the goods.

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

Albiral Display Solutions S.L. will not be responsible for any damages caused by transportation, when this one is paid by the customer.

4. This warranty does not cover the labour costs of handling, diagnose, removal, replacement, reinstall and/or program any product.
5. This warranty does not apply if the fault has been caused by misuse, improper handling, electrical or mechanical abuse, abnormal operation conditions, non-authorised modifications, and inadequate transportion or as a result of atmospheric phenomenons.
6. The warranty is not valid if people other than authorised Service Centre have handled the product and if the product has been manipulated or warranty seals are removed or manipulated.

WARRANTY TERMS AND CONDITIONS

7. The beneficiary of the warranty will have to return the device with the original packaging to warranty there are no damages during transportation.
8. The warranty is not valid if the beneficiary of the warranty does not include a RMA form and a 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
P24821G8EP	P28089DEEP
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