



**ad notam<sup>®</sup>**

EN

SMART DISPLAY UNIT<sup>™</sup>

USER MANUAL

subject to modification, errors and omissions excepted \* 10-2017 \* V1



# SUMMARY

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## GENERAL INFORMATION - SAFETY

### CAUTION

- Only qualified specialist staff may carry out service tasks. Service work is necessary, if the unit has been damaged, e.g. if the mains plug or mains cable have been damaged, if liquid or items are present inside the device, if it has been exposed to water or moisture, if it does not work properly or if it has fallen down.
  - Never remove the casing covers or modify the product in any way. This can cause an electric shock or burn you.
  - Immediately pull the plug, if you notice that your product emits smoke, smells burnt or emits unusual noises and ask your specialist dealer for advice.
  - Do not allow the product to come into contact with liquids. Liquid in the casing can cause a fire, electric shock or damage the device. Immediately pull the mains plug out, if an item or liquid gets into the casing. Notice that the apparatus shall not be exposed to splashing or dripping liquids and no objects filled with liquids, such as vases, shall be placed on the apparatus.
  - Keep small items away from the product. These can fall into the casing and cause a fire, an electric shock or damage the device. Don't try to reach into the housing or plugs with wires or the like.
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- Never touch not-isolated parts of the plug, if the device is connected to the power adapter!
  - Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
  - Avoid any impact and do not allow the product to fall!

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## GENERAL INFORMATION - CLEANING

Do not clean the screen surface with a coarse item or tissues! These can damage the display surface. A clean, dry cloth is sufficient; never use aggressive cleaners or solvent such as alcohol, thinner or cleaning petrol to clean the Display Frame Unit™. These agents may cause damages and corrode the casing. Do not wipe the screen forcefully.

### CAUTION

Never apply strong pressure to the screen of the Display Frame Unit™, because it could otherwise be damaged or break.

Never touch the screen with pointed or sharp items, such as pencils, ballpoint pens, knives, scalpels, screwdrivers etc.

Wear protective gloves when handling a damaged display. Possibly leaking liquid crystal is poisonous and may under no circumstances come into contact with eyes or mouth.

The screen of the monitor is coated with layers of thin films to prevent unwanted reflections. Damages to these layers can lead to irreversible changes in appearance such as uneven color, discoloration and/or scratches. So please do not paste, stick or write anything on the screen and avoid condensation.



## GENERAL INFORMATION - MOUNTING

Your product can either be installed on-wall or in-wall. ad notam offers multiple mounting systems for almost every application and is sure to have also the appropriate solution for your installation on hand. Please ask your authorized ad notam partner for assistance in this regard.

### **IMPORTANT**

Please make sure to have the latest firmware installed before mounting the unit. For details please visit the Support & Service section of our website.

### **NOTE**

In order to have access to the USB port after installation we recommend installing a USB extension cable.

### **CAUTION**

ad notam does not offer any guarantee for the screws and dowels delivered with the product. These may need to be replaced on site when considering the weight and quality of the load-bearing wall, since ad notam is not familiar with the construction environment. Electrical installations are to be performed by a skilled technician, while observing the regulations of the standard VDE100 part 701. ad notam will not be held liable for improper installation!

### **NOTE**

To ensure proper operation only use the supplied cables. Using other cables and lengths may cause disturbances to the image quality or even the functionality.

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## GENERAL INFORMATION - INSTALLATION

### Operation and storage requirements

The ambient temperature for operating the device is between +5 and +50 degrees Celsius. Do not install the device in the proximity of heat sources, such as heating pipes, heaters, furnaces or other devices, which radiate heat. It is not necessary to provide air circulation to dissipate the heat. Mount the device in such a way that it is protected against moisture. Trouble free operation is ensured up to 75% air humidity. To prevent fire or electric shock, never allow liquids to enter the unit. The product must be stored in dry and well-ventilated rooms, without extreme temperature fluctuations. Heat sources and aggressive active substances may not be stored in the proximity of the device. The required storage temperature is 0°C - +60°C at an air humidity of 5 - 85% RH. The device must be stored in the complete packaging, as delivered.

### Installation

Have this product installed by qualified staff only. Use the mounting systems which are specified or recommended by ad notam. Install the product in a way that it is fixed properly and take care that children are not exposed to danger.

Please take extra care during installation, avoid impacts. Before cabling your monitor system, check that the power is off. To avoid any possibility of electric shock, always connect your equipment to properly earthed outlets. Use of power cords or adapters other than those provided may cause fire or malfunction. Place this product as close to the power socket as possible. Leave enough space to insert and remove the power plug on demand. Even if you switch off the product with your remote control, power is not cut off unless the power cord is unplugged.

### installation environment

Avoid direct light or sun exposure, direct proximity to heat sources, outdoor installation. The product is specifically designed for indoor use only. There is the danger of fire and of electric shocks and damage to the device, if it is operated outdoors. Do not place any heat sources such as radiators and heat registers, etc. near the monitor. To reduce eye strain, avoid installing the monitor system against a bright background such as a window. Position the monitor system at the height of your eye level and directly in front of you at a comfortable viewing distance.



## Installation of Power adapters

The device may only be operated with the provided power adapter. The rated voltage is indicated on the product label. The device is factory-set to the optimal operating voltage (see Technical Specification). Use only power cords and plugs that are suitable for your local electrical outlets. Install the power cords in such a way that it does not obstruct anyone. Ensure furthermore that the cable is not clamped and that it cannot be pulled out accidentally from the power adapter. Do not install the power cords in the proximity of heating elements and never place heavy items on the cable or power adapter. Do not modify or arbitrary repair the power cords.

### CAUTION

Do not use any power cords or adapters other than those provided with this product! Use of power cords or adapters other than those provided with this product may cause fire, electric shock or malfunction. If several kinds of power cords are provided with this product, use the one that fits your power socket. Do not let the adapter hang down while using. Do not cover or wrap the adapter. Leave space around the adapter to prevent overheating. The individual components can be destroyed, if the polarity is reversed or an incorrect connection is used.

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A goodwill replacement is not possible in such cases, since each device is submitted to meticulous quality inspections prior to shipping. The connecting plugs must be attached in such a way that the connector is held firmly. Have trained technical personnel install the electrical facilities necessary for mounting. The power adapter has to be installed in ventilated areas due to the heat emission! Connect the power cord to a grounding outlet! Never cut or damage the power cord!

Please disconnect the device from the power adapter in the following cases:

- The device is out of use for a lengthy period.
- The device malfunctions or displays other unusual features, necessitating maintenance work.
- During a thunderstorm.

Please plan the positioning of the power adapter and the source cables before proceeding with the structural measures and positioning of the monitor system. Observe the protection zones when placing the power adapter! For in-wall applications please bear in mind that the power adapter has to be placed beyond the inset due to heat emission!



**⚠ NOTE**

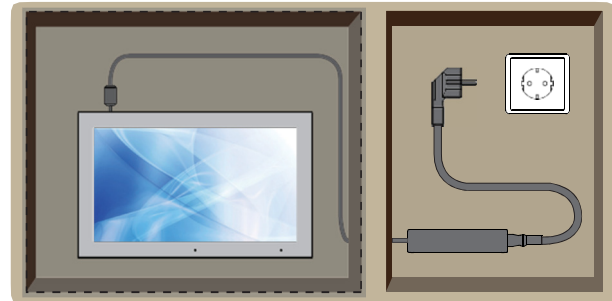
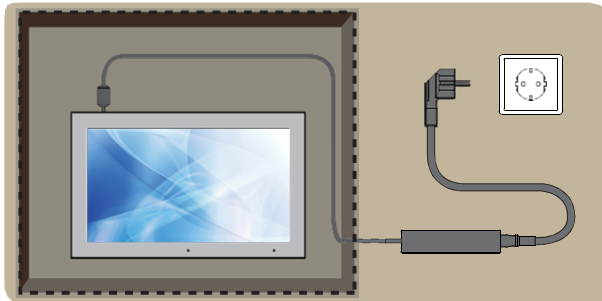
The power adapter should be adequately secured to prevent it from becoming unstable and/or falling. Make sure the power source circuits are properly grounded. Use the supplied power cord in order to connect it to the power source. If your installation requires a different power cord, be sure to use an officially approved power cord displaying the mark of the safety agency that defines the regulations for power cords in your country. Please consider that the AC outlet for the power adapter is placed within reach of the monitor system and should be easily accessible in case it needs to be powered off.

Do install the product in a dry environment where the operating ambient temperature might **not** exceed 40°C / 104°F. Also **don't** position the power adapter on top or on the back of the monitor system in order to prevent thermal overload. Ensure that your installation complies with your national safety rules. Any servicing, adjustment, maintenance or repair must be performed only by service-trained personnel.

Ensure that the power adapter is installed in a serviceable location, to access it easily in case of a defect. If you choose to place the power adapter in a separate space, take care that the ventilation is present, because the power adapters need convection cooling for stable working conditions.

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When placing the power adapter in a fully enclosed space, make sure the air flow around the sides and top of the power adapter is not restricted. According to a common rule of thumb the minimum dimensions for a niche for the power adapter may be defined as follows: please calculate the length of the power adapter plus an additional gap of at least 100mm all around for DC 12V power adapters and 200mm all around for DC 24V power adapters.



## GENERAL INFORMATION - TRADEMARK

ad notam<sup>®</sup>, MIRROR IMAGE<sup>®</sup>, MAGIC MIRROR<sup>®</sup>

AD NOTAM, MIRROR IMAGE and MAGIC MIRROR are licensed trademarks of ad notam.

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SMART DISPLAY UNIT™

## GENERAL INFORMATION – DISPOSAL OF OLD EQUIPMENT AND BATTERIES

### European Union

The following symbol indicates that electrical resp. electronic equipment and batteries signed with this symbol should not be disposed of as general household waste at its end of life. Instead, the products should be handed over to the applicable collection points for the recycling of electrical and electronic equipment as well as batteries for proper treatment, recovery and recycling in accordance with your national legislation and the Directive 2002/96/EC and 2006/66/EC.



**NOTICE:** An appendix "Pb" below this symbol indicates that the battery contains lead.

By disposing of the products correctly, you will help to conserve natural resources and will help to prevent potential negative effects on the environment and human health which could otherwise be caused by inappropriate waste handling of these products. For more information about collection points and recycling of these products, please contact your local municipal office or your household waste disposal service. Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

### Other Countries outside the European Union

These symbols are only valid within the European Union. If you wish to dispose of these items outside the European Union, please do so in accordance with the applicable national legislation or other rules of your country for the treatment of old electrical and electronic equipment and batteries.

## INSTALLATION IN WET ROOMS

For installations in wet rooms specific installation guidelines apply, which are to be seen in the context of placing the power adapter outside of certain protection zones. These regulations differ by region. Please contact a specialist for this. In Germany electrical installations are to be performed by a skilled technician, while observing the regulations of the standard DIN VDE 0100 T.701.

According to this standard, ad notam monitor systems with DC 12V (Limited Power Source Class II, SELV) can be installed at each position (incl. Zones "0" and "1") in harsh environments, also in showers and above a bath tub as long as the monitor system is shielded from a sealed glass surface and the (external) power adapter is installed beyond these protection zones.

### ⚠ NOTE

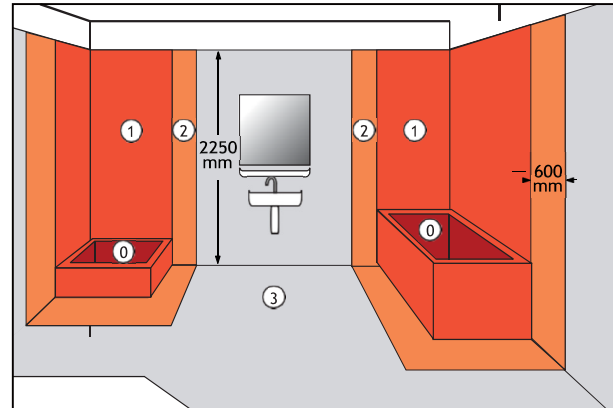
The safety current source has to be arranged outside the zones 0 - 2 and needs to be protected against direct impact. The assessment of the protection zones on site of the installation must be performed in accordance with the

valid national guidelines by a skilled local electrician. ad notam will not be held liable for improper installation!

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Zone	Class	Requirements
0	IP x6-8	waterproof, max. 12V, only SELV qualified electronic devices
1	IP x5	hose waterproof, max. 50V, only stationary electronic devices (IP x5 or qualified SELV)
2	IP x4	splashproof, only stationary electronic devices (IP x4 or qualified SELV)
3	IP x0-3	devices with at least protection against dripping water recommended



SMART DISPLAY UNIT™

## PRODUCT INFORMATION – SCOPE OF DELIVERY

Before using the device please check the following contents of the box for completeness:

- Smart Display Unit™ monitor system.....



- BT remote control.....



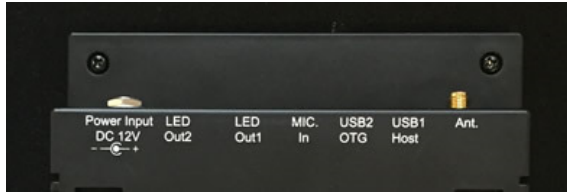
- DC 12V, 90W power adapter.....



- Power cord.....



## PRODUCT INFORMATION - INPUT/OUTPUT OVERVIEW



Upper side



Lower side

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- 1 Power input DC 12V
- 2 LED Out 2 connector
- 3 LED Out 1 connector
- 4 Microphone Input connector
- 5 USB 2 (OTG) connector
- 6 USB 1 (Host) connector
- 7 External Wi-Fi connector
- 8 Speaker output, 1 x Phoenix clip 4pin
- 9 RS232 connector
- 10 LAN Ethernet connector
- 11 Sensor (x4) connectors


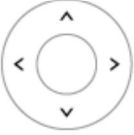






**Bluetooth Remote Control**

Insert the batteries into the remote control. Two AAA batteries are required (included in delivery scope). Pay attention to the correct polarity.



1. The display is always operated with the Bluetooth remote control.
2. The Bluetooth remote control will automatically connect to the unit after approximately three to five seconds.
3. The remote control is not waterproof. To avoid damage, take care that there is no direct contact with water.
4. Make sure your remote is equipped with batteries and that its LED indicator on the top right is lighting once a button is pressed. If the LED indicator is not lighting you need to replace the batteries.



Button	Description
	<b>POWER</b> Power on/ off the device - power off will put the device in standby mode.
	<b>DIRECTIONAL NAVIGATION</b> - Press right to move to the right of your display. Moving to the right from the Home Screen allows you to access more contents. - Press left to move to the left of your display. Moving to the left allows you to return to the Home Screen from any content page. - Press up to move up and press down to move down.
	<b>SELECT</b> Select an item, function or category
	<b>MENU</b> Presents various functions and settings.
	<b>BACK</b> Returns you to the previous screen.
	<b>HOME</b> Returns you to the Home screen from any screen on your device.
	<b>VOLUME</b> Adjust the volume.
	<b>USER KEYS</b> Gets individually configured user profiles.

### **Pairing a BT RC using the SDUs back cover "Pair" Button**

In order to perform some of the tests below you'll need to use the SDU's Bluetooth Remote control.

The BT RC should be paired to one device only following the next steps.

1. Apply power to the SDU which is under test and wait till it is full booted (2 - 40 seconds)
2. (Re)Insert batteries to the BT RC. The BT RC LED is blinking to indicate it is in "discovery" mode.  
Please Note: If BT RC LED stops flashing after 2 seconds it means it is ALREADY PAIRED to another device.  
Please move away other SDUs which might be paired or replace the BT RC with another one.
3. While the BT RC LED is blinking press the SDUs back cover "Pair" Button till the BT RC LED stops blinking.  
This should happen in 3-5 seconds.
4. To indicate if the BT RC is successfully paired to the SDU Please press the BT RC "Volume" button. The volume indicator should appear on the bottom of the SDUs display showing volume changes.
5. Please Note: If this doesn't seem to work... please try steps 2-4 again.  
If still no success please press the SDUs back cover "Reset" button and try steps 2-4 again..

### **Connect Passive loudspeakers**

Two 8Ohm loudspeakers can be connected to the speaker output socket with loudspeaker cables. Observe the polarity (+ and -) of the connections to avoid phase errors (= incorrect stereo playback).

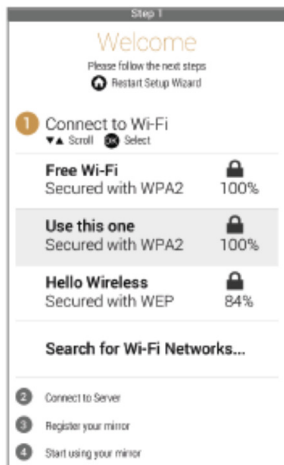
### **External Wi-Fi antenna**

Connect an external Wi-Fi antenna to the antenna connector

**Connect a 12VDC power adapter (90W max.)**



## SETUP | REGISTRATION



### Setup

**STEP 1** Connect the device to your WLAN.

If you are connecting to a protected network, you are asked to fill in the password. Please ensure that you are typing in the correct password without any typos.

**i** The WLAN strength should be over 80%. If this is not the case, we recommend the use of commercially available signal amplifiers.



**STEP 2** Wait for your device to connect to the server. This can take a few minutes.

**i** If the device is not connecting, check that your Internet connection is working properly or that your password has been entered correctly and without any typos. Use the BACK key to return to the password input section.

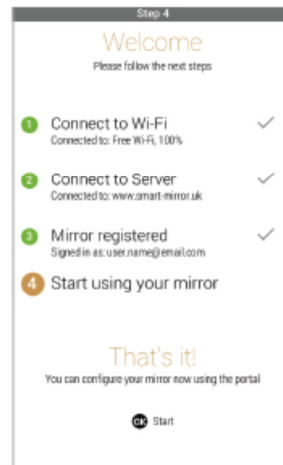


### Registration

**STEP 3** The display shows a 6-digit pin code.

Use your computer, tablet or smartphone to register your product in our portal at the displayed domain. Choose „Create Account“ and follow the necessary steps. You will need a valid e-mail address.

For some applications to work correctly, you need to enter the



address where you install the product under the location information.

**STEP 4** The registration is now complete.

## PRODUCT INFORMATION

GENERAL INFORMATION	MIRALITE CONNECT 60   556.642	MIRALITE CONNECT 90   556.654	MIRALITE CONNECT 120   556.666
Installation method	On-Wall Installation	On-Wall Installation	On-Wall Installation
Product Dimensions	600 W x 750 H x 45 D mm	900 W x 750 H x 45 D mm	1200 W x 750 H x 45 D mm
Product Weight	Net: 9.4 kg / Gross: 10.0 kg	Net: 12.8 kg / Gross: 13.6 kg	Net: 16.3 kg / Gross: 17.4 kg
Product Usage	For In-Door Use only	For In-Door Use only	For In-Door Use only
Operating Temperature	5° to 40° Celcius	5° to 40° Celcius	5° to 40° Celcius
Humidity	20% - 80%	20% - 80%	20% - 80%
Storage Temperature	0° to 60° Celcius	0° to 60° Celcius	0° to 60° Celcius
<b>MIRROR</b>			
Type   Surface   Tint	Crystal Mirror 4 mm   Float - non-safety   Neutral	Crystal Mirror 4 mm   Float - non-safety   Neutral	Crystal Mirror 4 mm   Float - non-safety   Neutral
<b>SURFACE LOUDSPEAKER</b>			
Type   Rated Power   Impedance	Single   30W, max. power 60W   8 Ohm	Single   30W, max. power 60W   8 Ohm	Single   30W, max. power 60W   8 Ohm
<b>LIGHTING</b>			
Type   Luminance <sup>1,2</sup>	LED   144 Lux @ 80cm ( diffused )	LED   144 Lux @ 80cm ( diffused )	LED   144 Lux @ 80cm ( diffused )
Color <sup>1,2</sup>	2700 K - 6000 K, changeable ( progressive )	2700 K - 6000 K, changeable ( progressive )	2700 K - 6000 K, changeable ( progressive )
Dimmer	yes, 4 levels	yes, 4 levels	yes, 4 levels
Power Consumption <sup>1</sup>	9.21W	13.40W	19.20W
Sensors	1x IR Sensor at bottom of mirror	1x IR Sensor at bottom of mirror	1x IR Sensor at bottom of mirror
<b>BLUETOOTH AUDIO</b>			
Device Address	AD NOTAM BT	AD NOTAM BT	AD NOTAM BT
Range   Power	Typical: 10m   Max.: 15.5W	Typical: 10m   Max.: 15.5W	Typical: 10m   Max.: 15.5W
<b>ACCESSORIES</b>			
Mirror Defogger	50 x 20 cm, 21W	50 x 30 cm, 29W	50 x 30 cm, 29W
<b>DISPLAY</b>			
Backlight/ Lifetime	LED / 15.000 Hours	LED / 15.000 Hours	LED / 15.000 Hours
Screen Diagonale	178mm (7")	178mm (7")	178mm (7")
Picture Format   Physical Resolution	9:16   600 x 1024	9:16   600 x 1024	9:16   600 x 1024
Wifi   Bluetooth	802,11b/g   4.0	802,11b/g   4.0	802,11b/g   4.0



### Low Standby Power

Our highly advanced power circuitry brings down power consumption to an extremely low level while in standby mode.

<sup>1</sup> Value might vary slightly    <sup>2</sup> Areas may appear with a slightly deviating shade

- \* Product specifications are subject to change without notice.
- \* For more specification details of this product, visit our website at: [www.smart-mirror.net](http://www.smart-mirror.net)

## Certificates



## Patent Information

This product, parts, components and the assembly are protected by or might be part of one or more of the following intellectual property rights:

US 7455412 B2 / US 7589893 B2 / EP 1168285 B2 / EP 1429308 B2 / EP 1809828 B1

## Warranty

Only the warranty provisions set out in the enclosed warranty certificate apply. Please pay particular attention to the information on the waiver of warranty.

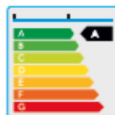
## Terms of Use and Guidelines

Before using the product, please read the conditions on [www.smart-mirror.net](http://www.smart-mirror.net). Please also read all the rules, notices, and policies related to the product and related services, including, but not limited to, the privacy policy, as well as any other policies or terms of use accessible through the website [www.smart-mirror.net](http://www.smart-mirror.net). All conditions, rules, references, guidelines and disposals are collectively referred to as the „Agreement“.

When using this product, you agree to the terms of the agreement.

Contact information. Please address all communication regarding the agreement to in writing:  
ad notam AG - Obere Giesswiesen 11-13, 78247 Hilzingen, Germany

## GENERAL INFORMATION



## EUROPEAN ENERGY LABEL

The European Energy Label informs you on the energy efficiency class of this product. The greener the energy efficiency class of this product is, the lower the energy it consumes. On the label you can find the energy efficiency class.



## DISPOSAL OF OLD EQUIPMENT AND BATTERIES

(European Union)

The following symbols indicate that electrical resp. electronic equipment and batteries signed with this symbol should not be disposed of as general household waste at its end of life. Instead, the products should be handed over to the applicable collection points for the recycling of electrical and electronic equipment as well as batteries for proper treatment, recovery and recycling in accordance with your national legislation and the Directive 2002/96/EC and 2006/66/EC.

By disposing of the products correctly, you will help to conserve natural resources and will help to prevent potential negative effects on the environment and human health which could otherwise be caused by inappropriate waste handling of these products. For more information about collection points and recycling of these products, please contact your local municipal office or your household waste disposal service. Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

(Other Countries outside the European Union) These symbols are only valid within the European Union. If you wish to dispose of these items, please do so in accordance with the applicable national legislation or other rules of your country for the treatment of old electrical and electronic equipment and batteries.

# Warranty terms and Conditions

## Provisions of Warranty

1. If your product proves to be defective, although it has been used properly (in accordance with the written Handling Care, Operating and Installation instructions supplied with it), during a period of two years from the date of purchase, the product will be repaired, or at ad notam's option replaced free of charge. To claim under this warranty the customer must take the product and this Warranty Certificate before the end of the warranty period to the dealer where the product was purchased. No product defect occurs, if the product is operating according to the specification.

2. The customer shall transport the product to the dealer or ad notam's authorized service station at his own risk and shall be responsible for any costs incurred in transporting the product. The device to be resold to ad notam or its authorized dealer/service station has to be packed properly by using exclusively the original package.

3. This Warranty does not cover the following items, and repair charges are to be paid, even for defects occurring within the warranty period:

(a) Any defect that occurs due to mishandling (such as an operation performed that is not mentioned in the Handling Care, installation requirements or other sections of the instructions, etc.).

(b) Any defect that occurs due to repair, modification, cleaning, opening of the product etc. performed by anyone other than ad notam or an ad notam authorized service station.

(c) Any defect or damage that occurs due to transport, a fall, shock, etc. after purchase of the product.

(d) Any defect or damage that occurs due to fire, earthquake, flood damage, thunderbolt, other natural disasters, environmental pollution and irregular voltage sources.

(e) Any defect that occurs due to careless or improper storage (such as keeping the product under conditions of high temperature and humidity, near insect repellents such as naphthalene or harmful drugs, etc.), improper maintenance, etc.

(f) Any defect that occurs due to exhausted batteries, etc.

(g) Any defect that occurs due to water, sand, mud, etc. entering the inside of the product casing.

(h) When any alterations whatsoever are made to the Warranty Certificate regarding the year, month and date of purchase, the customer's name, the dealer's name, and the serial number.

(i) When proof of purchase is not presented with this Warranty.

(j) When wrong installation materials and/or components, such as loudspeakers or input devices are used.

(k) When the product occurs with pixel errors within the specified and permitted area. Pixel errors can be seen as light or dark areas on the screen. This phenomenon is due to the characteristics of the LCD/LED panel. The panel is only defective if there are more than two pixel errors when the product is started up initially.

(l) When the (front-)glass of the LCD/LED panel inside the product is broken.

(m) Allowable Measurement, Treatment and Coating tolerances of the product's glass or mirror, as defined in the product specification.

(n) Returned products which are not packed properly or are not packed in the original/original ad notam package. This is in accordance with our quality assurance directive, since it is impossible to identify if damages have occurred during transportation or not. We are forced to send all inappropriately packed products back to you at your own costs.

## Certificate

4. This Warranty applies to the product only; the Warranty does not apply to any other accessory equipment, such as cables, power supply, batteries and other consumables/installation equipment.

5. ad notam's sole liability under this warranty shall be limited to repairing or replacing the product. Any liability for indirect or consequential loss or damage of any kind incurred or suffered by the customer due to a defect of the product, or for any loss resulting from a delay in repair or loss of data, is excluded. Compelling regulations by law remain unaffected by this.

6. The warranty does not extend to damages caused by improper installation, non-compliance with ad notam's installation instructions, incorrect operation or repairs carried out by private persons or unauthorized dealers as well as in case of removed, changed, destroyed or defaced serial numbers or in case of mechanical damage due to impact or accident.

## notes regarding Warranty maintenance

1. The warranty will only be valid if this Warranty Certificate is duly completed by ad notam or an authorized dealer or other documents contain sufficient proof. Therefore, please make sure that your name, the name of the dealer, the serial number and the year, month and date of purchase are all completed or the original invoice or the sales receipt (indicating the dealer's name, the date of purchase and product type) is attached to the Warranty Certificate. ad notam reserves the right to refuse free-of-charge service if neither the Warranty Certificate is completed nor the above document is attached or if the information contained in it is incomplete or illegible.

2. Since the Warranty Certificate will not be re-issued, keep it in a safe place.

## Disclaimer of Warranty

ad notam makes no representations or warranties, either expressed or implied, by or concerning any content of these written materials or software, and in no case shall be liable for any impelled warranty purchase are all completed or the original invoice or the sales receipt of merchantability or fitness for any particular purpose or for any consequential, incidental or indirect damages (including but not limited to damages for loss of business profits, business interruption and loss of business information) arising from the use of inability to use these written materials or software. Some states do not allow the exclusion or limitation of liability for consequential or incidental damages, so the above limitations may not apply to you.



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## Warranty Certificate

Dear Customer,

you have purchased a high-quality product which is subject to strict quality tests and inspections based on our product specifications. For more information about ad notam please visit our corporate website: <http://www.ad-notam.com>

Date Delivered to Customer: \_\_\_\_\_

Model No.: \_\_\_\_\_

Serial No.: \_\_\_\_\_

Customer Name: \_\_\_\_\_

Contact No.: \_\_\_\_\_

Address: \_\_\_\_\_

Dealer's Name: \_\_\_\_\_

Invoice No.: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

This worldwide Warranty Certificate and proof of purchase must be presented at an authorized ad notam repair service or dealer station before any repair can be made under the conditions of warranty. In addition to the one year Worldwide Warranty issued by ad notam AG, Germany, the European Warranty is valid for two years from the date of purchase. Please notice that this additional warranty does not affect the customer's statutory rights.

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## RETURN TO FACTORY

In case of a defect, please fill out the form and enclose to the package.

Company Name

Contact

Address

ZIP, City

Country

Phone

E-Mail

**RMA no.**

**Place, date**

**signature**

Please provide below a detailed description of the encountered problem or defect. With this you avoid time consuming inquiries and speed up the repair process considerably. Replacements or return shipments will be performed as soon as possible. The standard turnaround time is 15 business days.

 Please cut out and stick on the package.

**ad notam<sup>®</sup>**



## RETURN TO FACTORY

In case of a defect, please contact the ad notam service department in order to receive a RMA number. Returns without indicated valid RMA number cannot be processed and will be refused.

### **ad notam service and support**

Phone: +49 7731 8383900

Fax: +49 7731 8383901

E-Mail: [support@ad-notam.com](mailto:support@ad-notam.com)

**RMA NUMBER:** \_\_\_\_\_

**ad notam AG  
Service and Support  
Obere Giesswiesen 11-13  
78247 Hilzingen  
GERMANY**

**ad notam<sup>®</sup>**



# ad notam<sup>®</sup>

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This product, parts, components and the assembly are  
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following intellectual property rights:

US 7455412 B2 - US 7589893 B2  
EP 1168285 B2 - EP 1429308 B2 - EP 1809828 B1



E-Mail: [info@ad-notam.com](mailto:info@ad-notam.com)  
Web: [www.ad-notam.com](http://www.ad-notam.com)

## 13 Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### RF Exposure Information:

The SAR limit of USA (FCC) is 1.6W/kg averaged over one gram of tissue. Device Types (FCC ID: 2AOKDSDU0070) has also been tested against this SAR limit.

The highest SAR value reported under this standard during product certification for use when properly worn on the body is 0.618W/kg performed under 0mm test distance.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.