

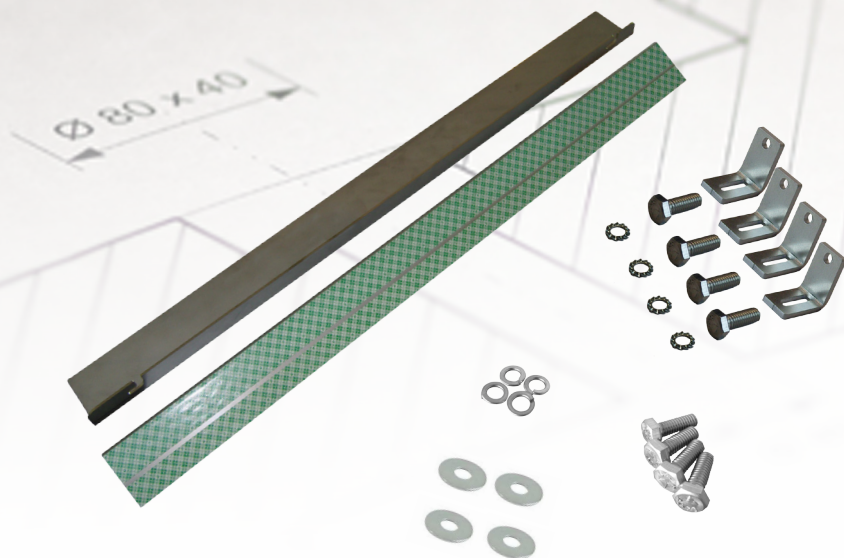
# ad notam

GLASS ON MONITOR MOUNTING SYSTEM (GMS)  
MONITOR ON WALL MOUNTING SYSTEM (MWS)

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**Art.No.** GMS-xxxx

**Art.No.** MWS-xx





## FOR YOUR SAFETY

Please read all safety information thoroughly before using the product.

Not complying with the instructions provided within this installation guide may result in severe injuries or life-threatening situations and/or damage respectively change the product.

Please comply accurately with all warning instructions to ensure proper operation of the product.

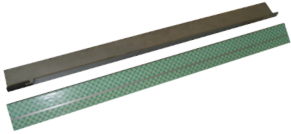
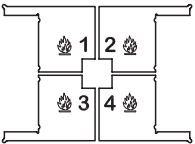

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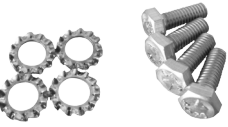
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Specifications of the **ad notam** products are subject to unannounced changes; this manual may thus not reflect the current technical status.

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Before using the mounting system please check the following contents of the package for completeness:

GMS-0260 * GMS-0320 * GMS-0420 GMS-0460 * GMS-0550 * GMS-0650		
Description	Illustration	Amount
<b>Mounting brackets</b> backside: self adhesive (may be pre-installed on glass)		2
<b>Positioning templates set</b> (if not pre-installed on glass)		1
<b>Bolts (M6)</b> <b>Spring washers</b> <b>Plain washers</b>		4 4 4

MWS-30 * MWS-40 MWS-50 * MWS-70		
Description	Illustration	Amount
<b>Mounting brackets</b>		4
<b>Bolts (M6), except MWS-30 (M4)</b> <b>Lock washers</b>		4 4



## NOTE

Screws and dowels for the wall assembly will not be delivered with the product as ad notam is not familiar with the construction environment and the characteristics of the load bearing wall.

The ad notam glass on monitor mounting system is designed to assemble the glass surface almost gapless on the wall-mounted monitor system. It is qualified even for installations in damp locations and features a mechanical slide-in mechanism with locking bolts.



#### SAFETY INSTRUCTION REGARDING GLASS SURFACE PREPARATION

The glass surface must be clean and dry. Contaminated surfaces should be cleaned with ad notam's preferred solvent. A clean lint-free cloth should be used. Use proper safety precautions for handling solvent.



#### SAFETY INSTRUCTION REGARDING TAPE PRIMER

Shake tape primer well before using. Apply a thin uniform coating to the glass surface using the minimum amount that will fully coat the surface. Allow tape primer to dry thoroughly before applying tape. This is usually accomplished in 5 minutes at room temperature. Be sure the primed surface remains free from contaminants prior to applying the tape. Tape primer can be removed with ad notam's preferred solvent. Vigorous scrubbing may be required. Carefully read and follow manufacturer's precautions and directions for use when handling cleaning solvents.



#### SAFETY INSTRUCTION REGARDING SELF-ADHESIVE TAPE

Shelf life: 6 months from day of dispatch by ad notam when stored in the original carton at 21°C [70°F] and 50% relative humidity.



#### SAFETY INSTRUCTION REGARDING APPLYING GMS TO GLASS

**Pressure:** Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure develops better adhesive contact and helps improve bond strength. Typically, good surface contact can be attained by applying enough pressure to insure that the tape experiences approximately 15 psi (100 kPa) pressure. Either roller or platen pressure can be used. Note that rigid surfaces may require 2 or 3 times that much pressure to make the tape experience 15 psi.

**Temperature:** Ideal application temperature range is 21° - 38°C [70° - 100°F]. Initial tape application to surface at temperatures below 10°C [50°F] is not recommended because the adhesive becomes too firm to adhere readily. However once properly applied low temperature holding is generally satisfactory.

**Wet out time:** After application, the bond strength will increase as the adhesive flows onto the surface. At room temperature approximately 50% of ultimate bond strength will be achieved after 20 minutes, 90% after 24 hours and 100% after 72 hours. This flow is faster at higher temperatures and slower at lower temperatures. Ultimate bond strength can be achieved more quickly (and in some cases bond strength can be increased) by exposure of the bond to elevated temperatures (e.g. 66°C [150°F] for 1 hour). This can provide better adhesive wet out onto the substrates.



#### SAFETY INSTRUCTION REGARDING LOCKING BOLTS

Please take care to not overtighten the bolts in order to avoid strains. Overtightening the bolts might affect the self-adhesive tape if the mounting brackets have been affixed with a little inaccuracy.

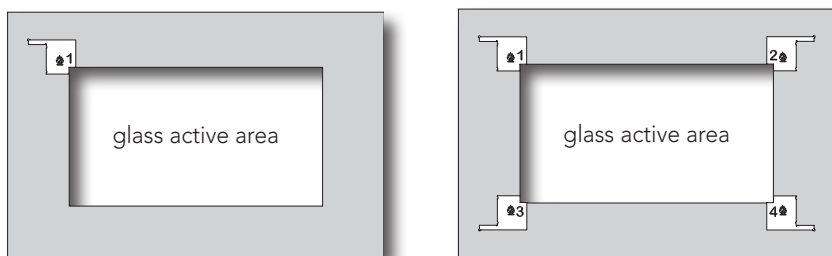
## REQUIRED TOOLS

- Ratchet with 1/4-inch drive for the M6 bolts
- Level, measuring tape, power drill and a pencil
- Tape primer
- Glass cleaner and clean cloths
- Matching screws and dowels in order to affix the MWS mounting brackets on-wall

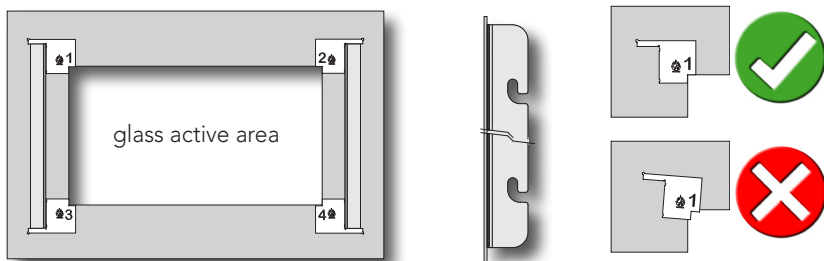
## GLASS PREPARATION

The mounting brackets that need to be affixed on the backside of the glass surface are basically arranged at factory. If you have received the glass without factory-affixed screen mounting brackets, installation is accomplished as specified in the following description:

1. Ensure that there is enough space all around to guarantee easy installation.
2. Clean the rear side of the glass surface thoroughly with glass cleaner and/or compressed air before beginning assembly.
3. Make sure that you know where top and bottom is in advance.
4. Add the self-adhesive positioning templates precisely at the four corner points of the transparent image area of the glass according to the numbers 1 to 4:



5. Apply the tape primer on the rear side of the glass surface. Allow the tape primer to dry thoroughly before applying tape.
6. Attach the mounting brackets with the slide-in notch **bottom-up** to the rear side of the glass along the markings and press them firmly onto the surface.



### NOTE

Before you permanently glue the mounting brackets to the rear side of the glass, please double-check that everything is arranged in good order as afterwards a corrupt placement can not be corrected without great difficulties and efforts.

## WALL MOUNTING

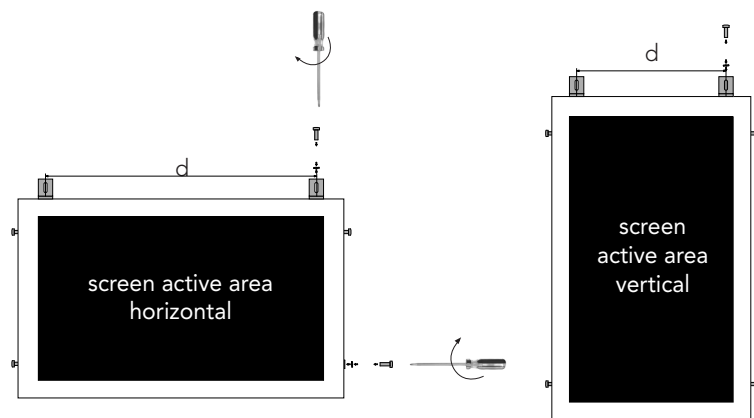
After attaching the mounting brackets, remove the positioning templates and clean the transparent image area again with glass cleaner and/or compressed air, so that neither dirt nor dust is visible between the monitor system and the glass surface.



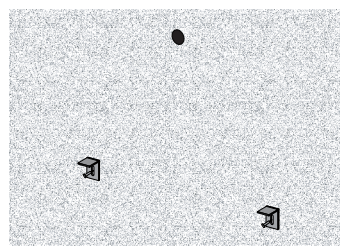
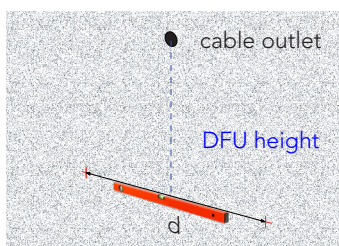
### CAUTION

The monitor system should only be assembled 24 hours after adhesive bonding of the mounting brackets to ensure perfect adhesion.

1. Drive the bolts incl. spring washers (and plain washers) half way into the injection nuts on both sides of the DFU casing.
2. Affix the two top MWS mounting brackets at the injection nuts on the DFU casing and measure the distance "d" between the middle of both mounting bracket holes.



3. Mark the drill holes for the two lower mounting brackets on the wall using a level and considering the distance "d" as well as the desired position in height of the DFU.
4. Drill two holes at the marks, mount the dowels and screw the lower mounting brackets securely to the wall.



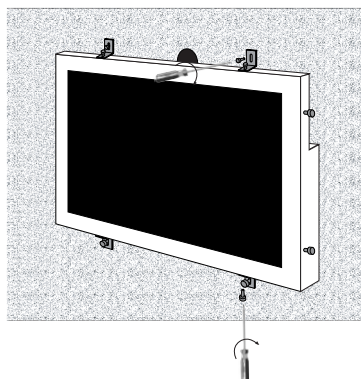
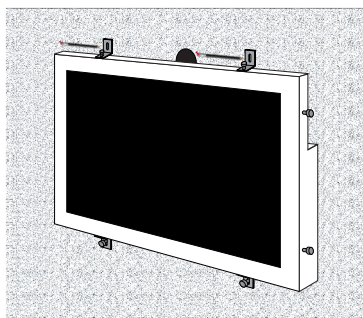
### NOTE

Plan the outcome of the source and power cables as well as the positioning of the external power adaptor of the ad notam monitor system prior to installation.

**NOTE**

Plan the outcome of the source and power cables as well as the positioning of the external power adaptor of the ad notam monitor system prior to installation. For vertical optimized (VO) installations in portrait format the connection plugs are oriented to the left or right. Screws and dowels for the wall assembly will not be delivered with the product as ad notam is not familiar with the construction environment and the characteristics of the load bearing wall.

5. Place the ad notam monitor system on the lower brackets so that the injection nuts on the bottom are aligned with the holes in the mounting brackets and mark the drill holes for the upper mounting brackets accordingly on the wall.



6. Remove the ad notam monitor system in order to drill the holes at the marks, mount the dowels.
7. Position the monitor system accurately, screw the upper mounting brackets securely to the wall and the bottom mounting brackets with the DFU casing. Marginal inaccuracies may be corrected with the help of the long slots in the mounting brackets.

**GLASS MOUNTING**

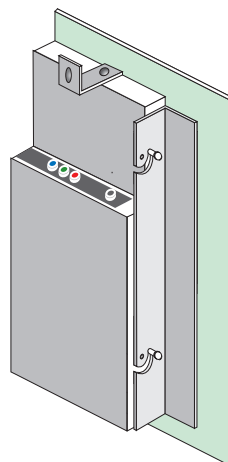
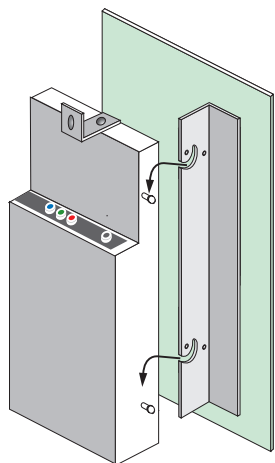
After the monitor system has been wall-mounted and all source and power cables have been connected, the glass surface can be affixed on the DFU.

1. Let the mounting brackets slide onto the locking bolts of the DFU.  
(see illustration on the following page)

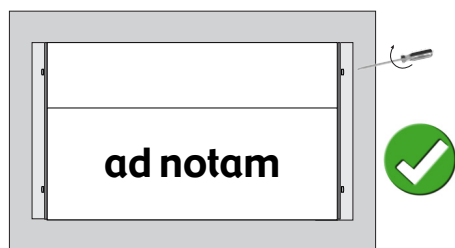
**NOTE**

Ensure during the installation, whether the transparent image area of the glass is aligned to the DFU screen active area.



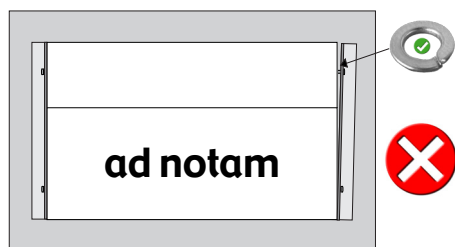


2. Tighten the bolts in order to fix the DFU in place if the transparent image area of the glass is aligned to the DFU screen active area and there are only marginal gaps between the monitor system and the mounting



## ! CAUTION

If there is a remarkable gap between the monitor system and the GMS due to an inaccurate affixation of the positioning templates and/or mounting brackets implicitly use the lock washers to fill the gaps before tightening the bolts.



## ! WARNING

Please take care to not overtighten the bolts in order to avoid strains. Overtightening the bolts might affect the self-adhesive tape if the mounting brackets have been affixed with a little inaccuracy.

## **ad notam**

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