



HARDY® MaxX 120™

TV wall bracket

User manual

EN

1. General Information

The 3mk HARDY® MaxX 120™ wall mount is designed for mounting LCD/LED/OLED TVs compatible with the VESA standard.

Before starting installation, read the entire manual and ensure that the wall and mounting elements are suitable for the weight of the TV.

2. Package Contents (Figure 1)

- Wall plate (mounting panel) – 1 pc.
- Mounting arms (hooks) – 2 pcs.
- Screws for TV mounting:
 - M4 × 20 mm – 4 pcs.
 - M5 × 20 mm – 4 pcs.
 - M6 × 20 mm – 4 pcs.
 - M8 × 20 mm – 4 pcs.
 - M8 × 40 mm – 4 pcs.
 - M8 × 45 mm – 4 pcs.
- Washers:
 - flat washers M4/M5 – 4 pcs.
 - flat washers M6/M8 – 4 pcs.
- flat washers M8 – 6 pcs.
- Plastic spacers 15 mm – 4 pcs.
- Expansion plugs M10 × 50 mm – 6 pcs.
- Wall mounting screws M8 × 60 mm – 6 pcs.
- Bubble level – 1 pc.
- Installation manual – 1 pc.

- Accessories required for mounting

Note:

The diagrams in the manual are for reference only and may differ from the actual contents of the package.

The mounting elements included in the package are designed for mounting on concrete walls, concrete blocks, or solid bricks.

Mounting on wooden structures is only possible using appropriate wood screws (not included).

Do not mount the bracket on drywall, OSB boards, particle boards, and other non-load-bearing structures without appropriate reinforcements.

The manufacturer is not responsible for the selection of incorrect mounting elements or installation carried out contrary to this manual.

3. Required Tools (Figure 2)

- Electric drill
- Drill Ø10 mm (for concrete) – hole depth approx. 60 mm
- Screwdriver or power screwdriver
- Hammer
- Tape measure
- Pencil
- Open-end/socket wrench
- Wire and profile detector (wall scanner) – recommended

- Drill Ø4.5 mm (for wood only)
- Awl (for wood only)
- Safety glasses (recommended)

4. Technical Specification

Model: 3mk HARDY® MaxX 120™

Mounting type: wall-mounted

Purpose: flat LCD/LED/OLED TVs

TV diagonal range: 60"–120"

Maximum load capacity: 120 kg (265 lb)

VESA standard: max. 1000 × 600 mm

Distance from wall: 28 mm

Plate thickness: 1.8 mm

Material: cold rolled steel with protective coating

Finish: protective coating

5. Preparation for Installation

Check the TV compatibility: diagonal, weight, and VESA standard.

Select a stable substrate (concrete/breeze blocks/solid brick).

Before drilling, locate wires and installations in the wall (detector recommended).

Prepare tools and mounting elements.

Have two people perform the TV mounting. Do not rest the TV screen on hard surfaces.

6. Mounting Arms to the TV (Figure 3)

- Lay the TV screen down on a soft, stable surface.
- Attach the mounting arms to the VESA holes on the back of the TV.
- Ensure that the safety element (lock) is at the bottom of the TV.
- Choose the appropriate screws, washers, and spacers. Only use screws of the proper length – too long may damage the internal components of the TV.
- Tighten the arms, evenly tightening the screws – do not overtighten.

Tip: if the back cover of the TV is bulging or the VESA sockets are recessed, use the included 15 mm spacers.

Note: if none of the screws from the package fit the TV, use appropriate screws recommended by the TV manufacturer.

7. Mounting the Wall Bracket

- Align the wall plate with the wall at the chosen location.
- Level the bracket using a level and mark the drilling points.
- Drill Ø10 mm holes to a depth of approx. 60 mm. Do not drill in joints/mortar – drill in solid material.

- Insert M10 × 50 mm expansion plugs. The plug should fit snugly (if necessary, gently tap with a hammer).
- Secure the bracket to the wall using 6 M8 × 60 mm screws and M8 washers. Tighten firmly but without excessive force.
- After installation, check the stability of the bracket (it should not move or deform).

8. Mounting to Wooden Structures (Figure 4)

- Locate the supporting beam/profile (profile detector recommended). Do not mount solely to cladding (e.g., drywall).
- Create guide holes using a Ø4.5 mm drill, then use appropriate wood screws (not included).
- Tighten the screws evenly, checking the level of the bracket.

9. Hanging the TV (Figure 5)

It is recommended to mount with two people.

- Carefully hang the TV on the wall plate, sliding the top hooks into the bracket.
- Ensure that both arms are properly seated, and the TV is stable.
- Lock the TV using the safety elements (lock/screws), according to the figure.

- After mounting, check the stability of the bracket and the TV. The manufacturer is not responsible for damages resulting from improper installation or use not in accordance with the manual.

10. Safety Warnings

Perform the installation according to the instructions and use appropriate tools.

Do not exceed the allowable weight of the TV and the limit of the VESA standard.

Do not modify the bracket or mounting elements. Regularly check the tightening of screws and the condition of fastening elements.

Store the product out of reach of children. Do not allow children to climb on the TV or bracket.

11. Maintenance and Storage

Clean with a dry or slightly damp cloth.

Do not use aggressive chemicals or abrasive materials.

Store in a dry place; protect from corrosion and moisture.

11. Warranty

The product is covered by a 24-month manufacturer's warranty, covering manufacturing and material defects. Damage resulting from improper installation or use is not covered by the warranty.

12. Disposal Information

The product must be disposed of in accordance with local waste management regulations. After use, return the product to a selective waste collection point. Metal elements are suitable for recycling.

Designed in Poland by:

3mk Protection Sp. z o.o.

Krotoszyńska 35, B-02/4a

63-400 Ostrów Wielkopolski

VAT ID PL 6222833086

3mk@3mk.pl

Manufactured in China.