

General hazard information:

- The screws for mounting the TV must not be too long, otherwise the TV could be damaged inside.
- Please ensure that the cables are not damaged during installation. Damaged cables must be replaced immediately to avoid short circuits.
- Screws must always be screwed in straight way. Please do not damage the threads of the screws, otherwise the stability of the product cannot be guaranteed.
- Observe the weight limit of the respective TV mount as specified:
www.wissmann-raumobjekte.de
- TV mounts are not suitable as children's toys (damage to the product and risk of injury can be the result of improper handling)
- Claims for damage or possible warranty claims due to incorrect installation or incorrect handling cannot be made to the manufacturer.
- **Products made of glass:** observe the weight limit at
www.wissmann-raumobjekte.de.
Caution, glass is brittle and splinters if tilted. Always place on soft surfaces. Broken or splintered glass is a risk of accidents and should therefore be disposed of immediately.
- **TV mounts with wheels:** replace stiff wheels to avoid damage to soft wooden floors.
- **TV mounts with a rotating function:** To prevent damage to the cables due to tension, insert them loosely so that the cables are not pulled too tightly when the TV is rotated. To avoid chafing of the cables, use the spiral cover as cable protection at the cable entry.
- **TV mounts with a rotating function:** If a rotation axis is stiff (TV can hardly be rotated or cannot be rotated at all), please stop using the product and contact the manufacturer immediately: info@wissmann-raumobjekte.de
- **TV mounts for wall mounting:** our dowels are not suitable for all types of walls. Therefore, only use dowels suitable for your wall.
- **TV mounts for wall mounting:** If the wall holes were drilled too large, be sure to use larger dowels or alternatively adhesive dowels.
- **TV mounts for wall mounting:** The load-bearing capacity of the wall must be ensured by the user (the upper screws of the wall bracket bear the weight of the TV under tensile load)

Installation manual: TV-mount solution art112

Before starting the installation please read these instructions and follow step by step.

I.) Installation of the TV mount

- 1) Lay the product down to the floor with the grey arms direction to the right
- 2) Plug in the lower element (with wall mount) into the upper element (with the horizontal grey arms)
- 3) **Version with DVD – board:** please insert the lower element of the vertical column into the DVD board and screw the board to the column (right board to the right, left board to the left)
- 4) Hold the product to the wall and mark where to drill the holes into the wall.
Note: Please hold the lower unit with the DVD board when carrying it over, as this is only slotted in and could fall off. – When marking the holes, please ensure that the upper and lower parts fit properly into each other (0.5mm gap).
- 5) After marking the wall holes, place the TV mount flat to the floor again and remove the tape near the arms (for protection during transport).
- 6) Pull the lower element off (complete unit with DVD board).

II.) Wall installation:

- 1) For fixing the product to concrete, solid brick or sand-lime brick walls, use a 12 mm drill bit to drill the holes in a depth of 85 mm into the wall and insert the wall dowels provided.
Note: The provided dowels and screws are for concrete, solid brick and sand-lime brick walls.
Note: The provided dowels cannot be used for walls made out of wood or plasterboard. For aerated concrete or perforated bricks you need to stay in the dowel's load limit.
Please make sure whether the wall is strong enough to take the load of a flatscreen TV and please make sure to take the right dowels for your wall (please pay attention to description below)
Note: the drills for the dowels have to have the right size! If these drills are too big, it could cause a negative effect to the stability of the TV-mount.
The dowels must tightly fit into the holes in the wall.
If necessary use 2K adhesive system for the dowels.

Most of the stress (tensile-load) is on the upper dowels and screws when the TV is swiveled forward 90°.

Load for the upper screws (approximate):

- 112-1: 2 upper screws, tensile load 50% of the TV's weight (per screw)
- 112-2: 2 upper screws, tensile load 50% of the TV's weight (per screw)
- 112-3: 4 upper screws, tensile load 30% of the TV's weight (per screw)
- 112-4: 6 upper screws, tensile load 25% of the TV's weight (per screw)

The provided dowels are not suitable for all wall materials.

UX 12 x 70 can be used with tension between 300 and 1,500 N (check table below). If necessary please use 2K adhesive system for the dowels.

Loads									
Universal plug UX									
Highest recommended loads ¹⁾ for a single anchor. The given loads are valid for wood screws with the specified diameter.									
Type		UX 5 x 30	UX 6 x 35	UX 6 x 50	UX 8 x 40 UX 8 x 50	UX 10 x 60	UX 12 x 70	UX 14 x 75	
Wood screw diameter	[mm]	4	5	5	6	8	10	12	
Recommended loads in the respective base material F _{rec} ²⁾									
Concrete	≥ C20/25	[kN]	0.30	0.40	0.60	0.60	1.00	1.50	1.80
Solid brick	≥ Mz 12	[kN]	0.20	0.20	0.30	0.30	0.50	0.70	0.80
Perforated sand-lime brick	≥ KSL 12	[kN]	0.30	0.40	0.40	0.50	0.60	0.80	0.80
Vertically perforated brick	≥ Hlz 12	[kN]	0.20	0.20	0.20	0.20	0.20	0.30	0.40
Aerated concrete	≥ AAC 4 (G4)	[kN]	0.15	0.20	0.20	0.30	0.40	0.60	0.70
Gypsum plasterboard	12.5 mm	[kN]	0.10	0.10	0.10	0.10	0.10	-	-
Gypsum plasterboard	25 mm	[kN]	0.10	0.15	0.15	0.15	0.15	-	-
Gypsum fibreboard	(Fermacell)	[kN]	0.20	0.20	0.20	0.20	0.25	-	-
Gypsum block	ρ ≥ 0.9 kg/dm ³	[kN]	-	-	-	0.15	0.35	0.45	0.50

¹⁾ Required safety factors are considered.
²⁾ Valid for tensile load, shear load and oblique load under any angle.

Producer-information about dowels UX12 x 70:



For more dowel information: www.fischersafety.com

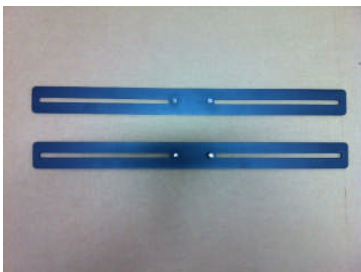
- 2) Attach the whole lower unit of the TV-mount (with DVD board) loosely to the wall with the long screws (6 x 80mm) in the lower wall dowels.
- 3) Place the upper unit into the lower unit (feed the cable downwards) and screw to the wall using the long screws (6 x 80mm) in the upper wall dowels.
- 4) Now tighten all wall screws fully.
- 5) Then feed the cable into the lower swivel arm and from there downwards inside the column to the rear orifice.
- 6) Click the round stainless steel elements (diameter 20mm) with inset magnets onto the wall screws (covering the wall screws to improve appearance).

Important Note:

If the swivel function of the vertical column is not as easy as required, please loosen the screws of the lower wall mount, adjust the lower element in line with the upper element and tighten the screws again.

III.) Installing the TV to the mount

- 1) Install the flat struts horizontal to the rear of your TV by using 4 of the 8 washers (the 4 headless screws of the struts have to show away from the TV).
- 2) Info: Due to the length of the TV installation struts, the TV can be moved horizontally to the best position.



Note: The installation of the flat horizontal struts has to be done by using the screws provided with your television. If these screws are too short, they'll have to be replaced by longer ones.

Note: Please check, that the longer screws are not too long. – If the screws touch the TV inside, the TV could be damaged. NEVER use screws which are too long.

Note: for your support, we included 8 x M6 and M8 screws (max. 4 of these screws will be needed).

Note: if the cables have to be plugged into the TV behind the lower horizontal strut, please either do not use this strut or use the black plastic distance elements.

- 3) The 4 screws of the horizontal struts at the rear of the TV have now to be inserted in the vertical strut (two people should hold the TV). Adjust the TV to the position required (would help, if a third person can check that from a distance) and then screw it tight at the rear using washers and the 4 M8 nuts. Hide the nuts by using the black plastic covers.
- 4) To hide the cables (from the TV to the lower strut) the 14" long spiral cover can be used.

Note: If your flatscreen is not always in a perfect horizontal look while swiveling, this could cause due to a wrong drill size (dowels may can move in the wall). To avoid this, please put some 2K glue around the dowels.

Note:

If the installation of your TV is not possible even by using one of our accessory kits, please contact us by sending a photo of the TV's backside:

info@wissmann-raumobjekte.de

We will find a solution immediately.

Final information:

This TV mount is produced in finely brushed stainless steel. Stainless steel surfaces are sensitive for fingerprints. We did a special surface protection and recommend to renew that every few months to avoid spots of fingerprints (a small bottle "Chromol" to renew the surface protection is added)