

# Safety instructions for wall mounts and ceiling mounts

Rope winches and their accessories are crucial to avoid accidents and to ensure the functionality of the equipment. Please observe the following safety instructions:

## 1. General safety precautions

- Load capacity: Check the maximum load capacity of the mount and make sure that it is suitable for the load. Take into account the dynamics of the load (e.g. jerky pulling).
- Mounting location: Only select surfaces (e.g. concrete walls, steel beams) that are stable and able to bear a load for mounting.
- Intended use: Use the mounts only for rope winches and accessories that are specified for these mounts.
- Trained personnel: Only authorized and trained persons may assemble and operate the mounts.

## 2. Before assembly

- Component check: Make sure that all parts of the mount (e.g. mounting plate, screws, dowels, bolts) are complete and undamaged.
- Surface inspection:
  - Walls or ceilings must be free of cracks, damage or other weak points.
  - If you are unsure, the load-bearing capacity of the surface should be checked by a specialist.
- Tools and fastening materials: Use only the fasteners recommended by the manufacturer (e.g. heavy-duty anchors, chemical dowels) and make sure that they are correctly dimensioned.

## 3. Installation instructions

- Positioning: Make sure that the bracket is correctly aligned so that the load is perpendicular and centered on the bracket.
- Fixing:
  - Drill the holes exactly as specified by the manufacturer.
  - Tighten screws and bolts to the specified torque.
- Stability test: After mounting, check the stability by carefully tightening the cable winch or applying a static load that is less than the maximum permissible load.

## 4. Operational Safety

- Load: Never exceed the maximum load capacity of the mount. Also take into account additional loads from accessories or pull angles.

- Force angle: Always execute wire rope pulls at an angle that will not damage the mount (normally 0–15° from the vertical axis).
- Keep load area clear: Keep the area under the load clear of people and objects.
- No permanent load: Do not leave the bracket under maximum load for long periods.

## **5. Maintenance and inspection**

- Regular checks: Check the bracket, fixings and accessories regularly for wear, corrosion or other damage.
- Replace wear parts: Replace damaged screws, anchors or other fasteners immediately.
- Lubrication: If there are moving parts, lubricate them regularly according to the manufacturer's instructions.
- Environmental conditions: Protect the mount from weather conditions that could affect its stability (e.g. moisture, extreme temperatures).

## **6. Prohibited actions**

- No modifications: Do not modify or tamper with the mount.
- Improper use: Do not use the mount as a climbing aid, a hanging point for people or for unintended loads.
- Avoid side loading: Do not apply loads to the mount that are not intended or apply side loading to the mount.
- Damaged mounts: Never use a damaged mount.

## **7. Emergency response**

- Malfunction during operation: Stop operation immediately if irregularities such as unusual noise, movement problems or cracks occur.
- Hazard prevention: If the mounting becomes unstable, remove the load and secure the surrounding area.
- Professional repair: Only use qualified technicians for repairs or replacements.

These instructions ensure safe use and a long service life for the mounting. Be sure to read the manufacturer-specific instructions and observe applicable safety guidelines such as the DGUV regulations.