

INSTALLATION INSTRUCTIONS

Cable Support Mount — CT1000-24-U-2

2-Magnet Cable Support Mount

SAFETY WARNINGS

Failure to read and follow all instructions may lead to risk of injury or death.

⚠ WARNING FALL HAZARD

Failure to follow this warning may result in serious injury or death.

Use OSHA approved fall protection equipment when installing mount.

Mount is NOT man-rated. Do not lean on mount, hang on mount, or use mount for support.

⚠ WARNING DETACHMENT HAZARD

Failure to follow this warning may result in serious injury or death.

Failure to follow installation instructions, including application of correct torque values, may create a mount detachment hazard.

Mount must remain tethered to tower at all times.

⚠ WARNING MAGNET HAZARD — CARDIAC DEVICES

Failure to follow this warning may result in serious injury or death.

Mount contains magnetic components.

Wearers of cardiac pacemakers, implantable cardioverter defibrillators (ICDs) or other metallic, magnetic, or mechanical implants, devices or objects should not come into contact with mount.

⚠ CAUTION MAGNET HAZARD

Failure to follow this caution may result in injury or property damage.

Mount contains magnetic components.

- PINCH HAZARD. Interaction with magnets on mount may create a pinch hazard.
- PROPERTY HAZARD. Electronic objects such as cell phones, hearing aids, and beepers may be damaged.

⚠ CAUTION CUT HAZARD

Failure to follow this caution may result in injury.

Metal components of mount may have sharp edges.

Use care and wear OSHA approved protective clothing, work gloves, and safety glasses when handling and installing mount.

⚠ CAUTION ICE / WEATHER HAZARD

Failure to follow this caution may result in injury or property damage.

Ice accumulation on the mount or mast can significantly increase wind loading and reduce holding power.

Inspect and clear ice from mount before and during severe weather events.

Ensure guy wires (where applicable) are taut and secure prior to any winter weather.

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BEFORE YOU BEGIN

TOOLS REQUIRED

½" deep socket · ½" open-ended wrench · Torque wrench | USE NO POWER TOOLS

NOTE: Do not place magnets on top of a weld. Supports should be spaced according to local and national building codes or project engineering specifications. Magnemount recommends spacing of 2 feet for vertical applications and 3 feet for horizontal (or dome) applications.

⚠ DO NOT REMOVE THE POLY PADS ON THE BOTTOM OF THE MAGNETS. They are an integral part of the system.

INSTALLATION STEPS

- 1 DO NOT REMOVE THE BUBBLE WRAP UNTIL THE MOUNT IS READY TO BE INSTALLED.
- 2 Remove all dirt and debris from the installation area — preferably with a damp cloth only. This improves magnet holding power.
- 3 Remove bubble wrap from the magnet bases and place the cable supports on the tower.
- 4 Back off the double nuts until the magnets fully contact the tower. Finger-tighten the bottom hex nuts until they contact the washer inside the Unistrut.
- 5 While holding the bottom nut in place with the open-ended wrench, tighten the top hex nut with 10 ft-lb of torque. DO NOT exceed 10 ft-lb.

- 6 The strut should now be firmly mounted. Attach cables or cable trays to the mount.
- 7 Conduct a shear strength test at least 24 hours after installation. The shear strength should be 40 pounds per mount to pass.
- 8 Check double nuts yearly to ensure they remain tight.

REMOVAL

- 1 Lift one end of the mount and all of the magnets will release.
- 2 Cover the magnet to keep it free of debris.

For Assistance

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