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# QUICK START GUIDE MAV60



# MAV60 Magnetic Holder Installation

**WARNING** - The MAV60 magnetic holder uses a powerful magnet. While Midland strives to make useful and safe products, users should be aware of the potential hazards of strong magnetic fields.

1. Pacemakers and defibrillators may stop normal operation when exposed to strong magnetic fields. Do not use the MAV60 magnetic holder in the vicinity of pacemakers or defibrillators. If you are not sure, consult your physician or surgeon concerning the safe distance from magnets.
2. Children should not use or be left unsupervised around the MAV60 magnetic holder.
3. The magnetic holder's strong neodymium magnet presents a pinch hazard. Care should be used to not allow fingers, hands, or other body parts to be trapped between the magnetic holder and metal objects.
4. Some electronics, mechanical devices, and magnetic storage media can malfunction or be damaged by the magnetic holder's magnetic field. Keep CRT screens, mechanical watch movements, floppy disks, credit/bank cards, and other sensitive objects away from the magnetic holder.
5. Never heat, cut, drill, or grind the neodymium magnet in the magnetic holder. The dust generated will be flammable and toxic fumes can be created.
6. The neodymium magnet used in the magnetic holder is sensitive to heat and can lose its magnetic properties if exposed to temperatures above 175 °F.

## INSTALLATION

The MAV60 magnetic holder is not a universal product. The included belt clip plate, available separately as AVP60, is designed for use with Midland GXT radios such as the GXT1000, GXT3000, GXT67, and the MXMC75 microphone. Suitability for use with other belt clip interfaces should be tested before installation of the magnetic holder.

The included microphone plate, available separately as MXTA60, is designed for use with Midland MXT microphones, such as the MA75, MXTA37, MXMC01, and MXMC15. Suitability for use with other devices should be tested before installation of the magnetic holder.

**TIP** - Metal shavings can be difficult to remove from the magnetic holder once they adhere to it. Keep the magnetic holder a safe distance away from the area while drilling and until any metal shavings have been cleaned up. Tape with a strong adhesive can help remove metal shavings from the magnetic holder.

1. Choose a suitable location for mounting the MAV60 magnetic holder. Make sure the location allows easy access to the microphone and avoid locations that could interfere with airbag deployment, sight lines, or cause issues with other vehicle operations.
2. Use the mounting hole template to mark the hole centers for mounting the magnetic holder.
3. When using the included tapping screws, Midland recommends a 3/32" pilot hole for soft or thin materials like plastic or aluminum. Drill a 1/8" pilot hole in steel or stainless steel. Use care when drilling to avoid wiring or other obstructions behind the mounting location.
4. Use appropriate screws and hand tools to secure the magnetic holder to the mounting location.

**NOTE** - The included tapping screws are suitable for many mounting locations, but it may be appropriate to use #8 or M4 stainless steel machine screws and hex nuts for mounting the magnetic holder to the surface. A VHB adhesive tape is included as a mounting option, but please note adhesive is not suitable for some surfaces and screws are recommended to keep the MAV60 magnetic holder secure with repeated use.

5. If using the VHB adhesive, ensure the surface is clean and dry before installing. Use 70% isopropyl alcohol for cleaning, if appropriate for the mounting surface. Moderate temperatures, 70 - 100 °F, will aid bonding during the first 24 hours after installation.
6. Install the included overlay cover on the magnetic holder if desired.
7. Remove the existing belt clip or microphone holder button from the back of the radio or microphone.
8. Install the included belt clip plate in place of the standard belt clip. Or use a PH0 screwdriver to install the included microphone plate in place of the microphone holder button.

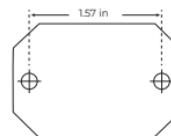


Figure 1 - Mounting Hole Template