

INSTALLATION INSTRUCTIONS

The Remote Antenna Kit allows the antenna to be mounted up to 6 feet (1.83 meters) from the DX200 base station for improved antenna coverage. To install the antenna, follow the instructions below.

TOOLS REQUIRED

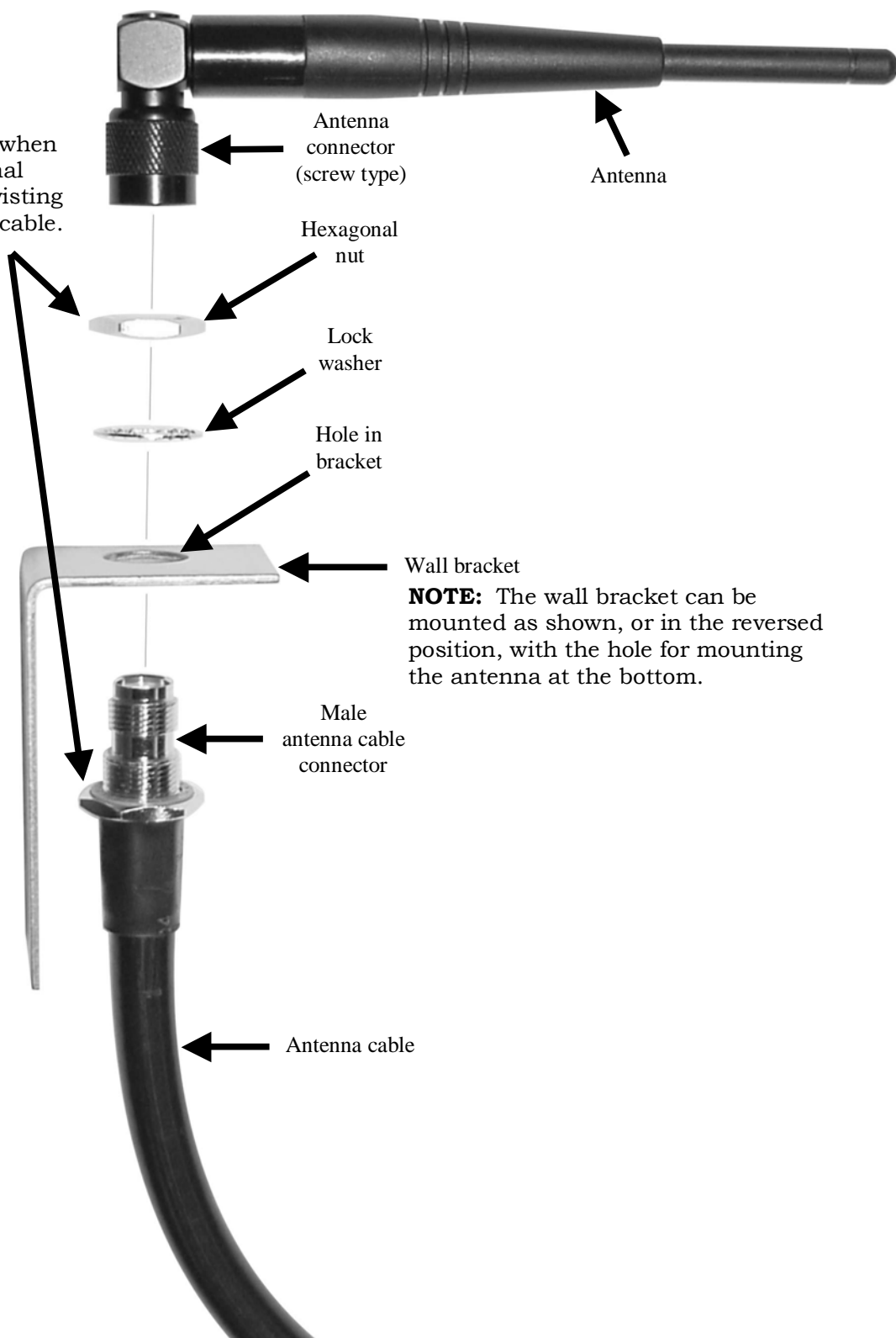
- Phillips (cross-point) screwdriver, size #2
- Power drill and drill-bit set

PROCEDURE

- Lay out the enclosed 6 foot (1.83 meter) antenna cable, with its female connector near the base station and its male connector at the proposed area where the antenna will be mounted.
- Remove electrical power from the base station.
- Remove (unscrew) either antenna from the base station.
- Screw the female antenna cable connector onto the base station antenna connector where the antenna was removed. **NOTE:** To minimize stress on the connector, bend the cable to line it up with the base station antenna connector before connecting it.
- Screw the removed antenna onto the male connector at the other end of the antenna cable.
- Return electrical power to the base station.
- Place the antenna in the area where improved performance is required, and walk test transmission and reception with two people using Beltpacs (with fully charged batteries), pressing the IC button to communicate with each other. Move the antenna around the area while communicating, to determine the mounting location where the antenna will have the best possible transmission and reception.
- Hold the enclosed antenna mounting bracket against the wall at the desired mounting location and mark the wall through the two screw holes in the bracket. It may be necessary to mount the antenna high enough to avoid a safety hazard or possible damage to the antenna.
- Remove the bracket from the wall and drill two 3/16 inch (4.76mm) holes in the wall at the marked spots.
- Insert the enclosed screw anchors into the holes.
- Place the enclosed screws through the holes in the bracket and screw them into the two screw anchors to secure the bracket to the wall.
- Again remove electrical power from the base station.
- Remove the antenna from the antenna cable. DO NOT remove the antenna cable from the base station.
- Unscrew the hexagonal nut from the antenna cable connector.
- Insert the antenna cable connector through the hole in the mounting bracket as shown in the illustration on the back of this sheet, and screw the hexagonal nut onto the connector to secure it in place on the bracket. **NOTE:** To minimize stress on the bracket, bend the cable to line it up with the bracket before connecting it.
- Replace the antenna on the cable connector mounted on the wall.
NOTE: The best transmission and reception may be achieved with the antenna perpendicular to the wall. However, if it is a safety hazard or is likely to be bumped and damaged in that position, it may be necessary for the antenna to be parallel to the wall.
- Return electrical power to the base station and resume normal DX200 operation.

CAUTION:

Use two wrenches when tightening hexagonal nuts, to prevent twisting and damaging the cable.



Remote antenna mounting on wall bracket