

ASTRO® APX™ 3000 Digital Portable Radios

Flexible Antenna Quick Start Guide

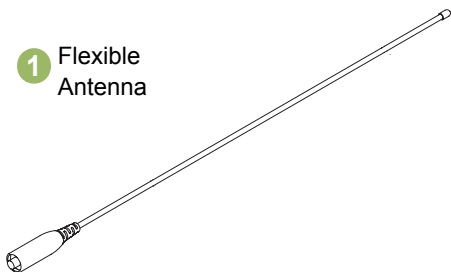


Note: When using this antenna, use only Motorola-approved batteries, wired surveillance and wireless audio accessories. Using approved wired surveillance and wireless audio accessories is important because the use of non-Motorola approved accessories may result in exposure levels, which exceed the occupational/controlled environment RF exposure limits.

Packing List

You see the items below in the package.

1 Flexible Antenna



2 Spacer

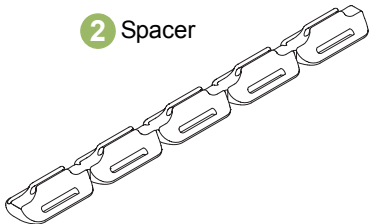


Figure 1. Items in the package

What You Need

- 1** Radio with battery pack
- 2** Duct/surgical tape and/or straps

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Positioning the Radio and Devices on Your Body

This radio is designed to be operated while concealed under the user's outer garments. See the following pictures for the recommended position to place your radio.

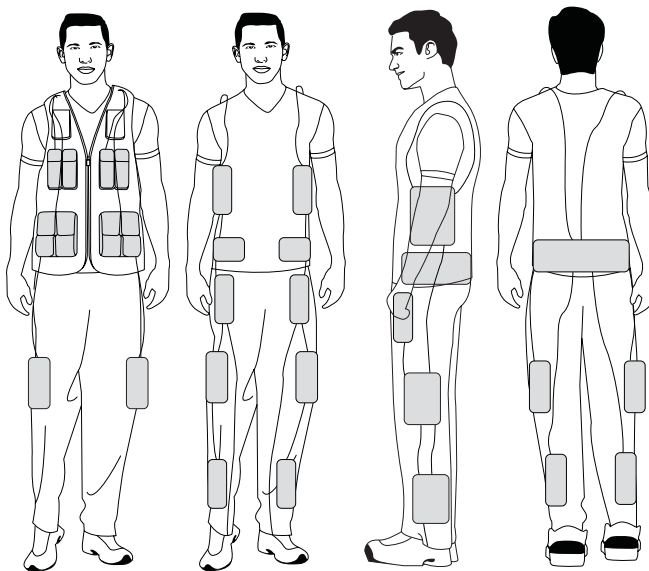


Figure 2. Recommended positions for radio and devices

Note: Securely tape or strap only the battery side of the radio to your body.

Installing the Flexible Antenna

With the radio turned off, set the antenna in its receptacle and turn clockwise to attach it to the radio.

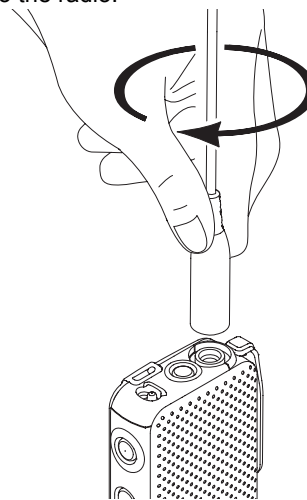


Figure 3. Installing the antenna

Note: The tightening torque allowable is 15 lb-f (maximum) to avoid damage to the antenna and radio.

To remove the antenna, turn the antenna counterclockwise. Make sure you turn off the radio first.



- Do not twist or coil the antenna because this will result in antenna performance degradation. See **Figure 4**.

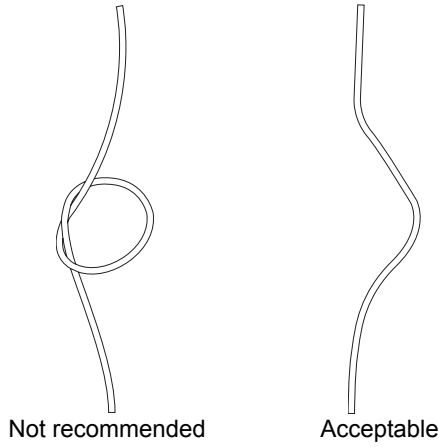


Figure 4. Handling the antenna

- To satisfy compliance with RF Exposure standards and improve radio performance, use the spacers provided to maintain a distance of 0.50 inch (1.27 cm) from your body. Shown in **Figure 5**.

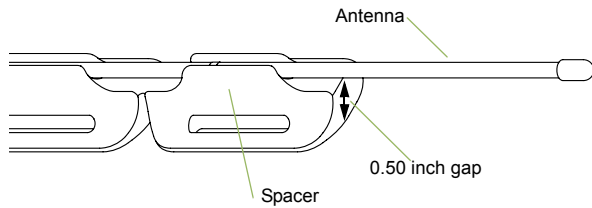


Figure 5. Proper spacing of the antenna

- To improve radio performance, secure the antenna as shown in **Figure 6**. Ensure the spacer is upright when strapping it to the body.

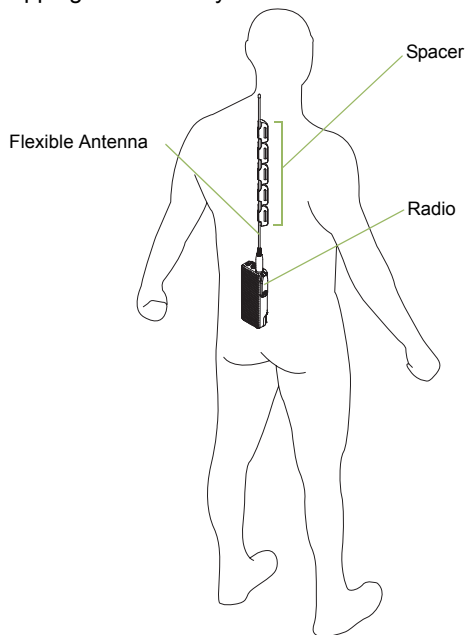


Figure 6. Spacer must be upright when strapping to the body

Strapping the Antenna onto Your Body

Procedure:

- Position the spacers along the antenna to maintain 0.5 inch (1.27cm) from your body as shown in **Figure 7**.

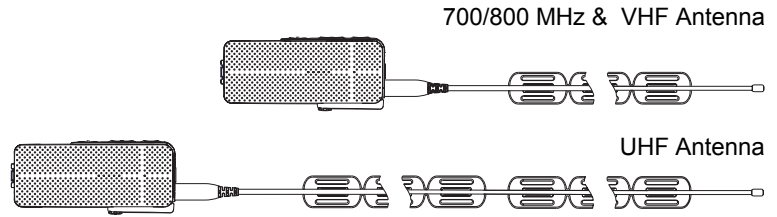


Figure 7. Recommended location of the spacers on the antenna

- Use a duct tape or strap to fasten the spacer to your body with the methods below.

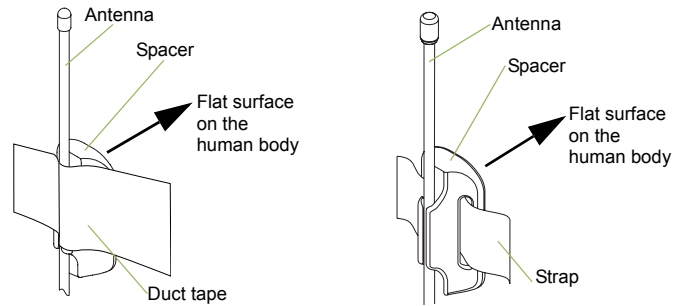


Figure 8. Fastening the spacer with duct tape or strap