

Accessory Programming Software User Guide

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Safety and Legal

This section provides the safety and legal information for this product.

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The European Union's WEEE directive and the UK's WEEE regulation require that products sold into EU countries and the UK must have the crossed-out wheellie bin label on the product (or the package in some cases). As defined by the WEEE directive, this crossed-out wheellie bin label means that customers and end users in EU and UK countries should not dispose of electronic and electrical equipment or accessories in household waste.

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Disclaimer

Please note that certain features, facilities, and capabilities described in this document may not be applicable to or licensed for use on a specific system, or may be dependent upon the characteristics of a specific mobile

subscriber unit or configuration of certain parameters. Please refer to your Motorola Solutions contact for further information.

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Contact Us

The Centralized Managed Support Operations (CMSO) is the primary contact for technical support included in your organization's service agreement with Motorola Solutions. To enable faster response time to customer issues, Motorola Solutions provides support from multiple countries around the world.

Service agreement customers should be sure to call the CMSO in all situations listed under Customer Responsibilities in their agreement, such as:

- To confirm troubleshooting results and analysis before taking action

Your organization received support phone numbers and other contact information appropriate for your geographic region and service agreement. Use that contact information for the most efficient response. However, if needed, you can also find general support contact information on the Motorola Solutions website, by following these steps:

1. Enter motorolasolutions.com in your browser.
2. Ensure that your organization's country or region is displayed on the page. Clicking or tapping the name of the region provides a way to change it.
3. Select **Support** on the motorolasolutions.com page.

Documentation Portal

The Motorola Solutions (MSI) Documentation Portal is an online platform where you can find all the user documentation in one place, go to <https://motr.la/docs>.

You can provide feedback, questions, or comments for any publication or article by selecting the feedback icon. See [Providing Feedback](#).

Learning Center

To discover the many learning opportunities within the Motorola Solutions (MSI) Learning Center, go to <https://learningcenter.motorolasolutions.com/>.

Icon Conventions

The documentation set is designed to give the reader more visual clues. The following graphic icons are used throughout the documentation set.



DANGER: The signal word DANGER with the associated safety icon implies information that, if disregarded, will result in death or serious injury.



WARNING: The signal word WARNING with the associated safety icon implies information that, if disregarded, could result in death or serious injury, or serious product damage.



CAUTION: The signal word CAUTION with the associated safety icon implies information that, if disregarded, may result in minor or moderate injury, or serious product damage.




IMPORTANT: IMPORTANT statements contain information that is crucial to the discussion at hand, but is not a CAUTION or WARNING. There is no warning level associated with the IMPORTANT statement.



NOTE: NOTICE contains information more important than the surrounding text, such as exceptions or preconditions. They also refer the reader elsewhere for additional information, remind the reader how to complete an action (when it is not part of the current procedure, for instance), or tell the reader where something is on the screen. There is no warning level associated with a notice.

Style Conventions

The following style conventions are used:

Convention	Description
Bold	This typeface is used for names of, for instance, windows, buttons, and labels when these names appear on the screen (example: the Alarms Browser window). When it is clear that we are referring to, for instance, a button, the name is used alone (example: Click OK).
Monospacing font in bold	This typeface is used for words to be typed in exactly as they are shown in the text (example: In the Address field, type <code>http://ucs01.ucs:9080/</code>).
Monospacing font	This typeface is used for messages, prompts, and other text displayed on the computer screen (example: A new trap destination has been added).
<i><Monospacing font in bold Italic></i>	This typeface is used with angle brackets as placeholders for a specific member of the group that the words represent (example: <i><router number></i>).  NOTE: In sequences to be typed in, the angle brackets are omitted to avoid confusion whether to include the angle brackets in the text to be typed.
CAPITAL LETTERS	This typeface is used for keyboard keys (example: Press Y, and then press ENTER).
<i>Italic</i>	This typeface is used for citations. A citation usually is the name of a document or a phrase from another document (example: <i>Dimetra IP System Overview</i>).
→	An → (arrow pointing right) is used for indicating the menu or tab structure in instructions on how to select a certain menu item (example: File → Save) or a certain subtab.

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Chapter 1

Introduction

Accessory Programming Software (APS) is a utility that allows you to upgrade and/or configure your Motorola Solutions accessory product. Read the instructions below before installation. Follow all on-screen instructions during installation and use.

1.1

Installation Requirements

The following parameters represent the minimum hardware and software requirements.


Operating System Requirements


- Microsoft® Windows® 10
- Microsoft® Windows® 11

Chapter 2

APS Installation

Prerequisites:

 **NOTE:** The installation package will include several software components: Flip, Java Runtime Environment, .Net framework 3.5 SP1, and Accessory Programming Software. Acknowledge the **End User License Agreements** for the individual components to start installation.

 **IMPORTANT:** Uninstall all previous versions of the Accessory Programming Software (APS) before installing the newest version.

Procedure:

1. Download the `APS.zip` file for the APS from the Motorola Solutions website.
2. Extract the `APS.zip` file to a local drive
3. Open the folder and click `setup.exe`.
4. Accept all default options and **End User License Agreements**.
5. Click **Install** or **Next** as prompted.
6. Click **Finish** when prompted by the following screen.



2.1

Device Driver Installation

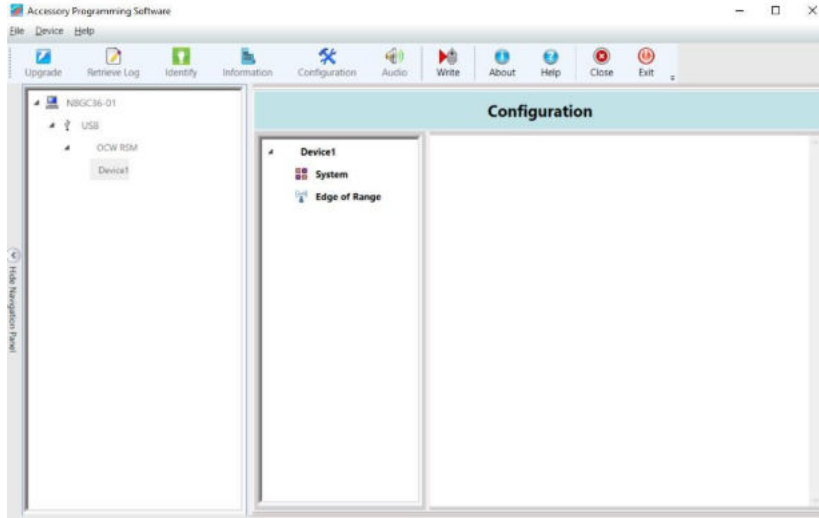
Windows 10 and Windows 11 automatically install drivers. The system displays a notification after a successful installation.

Chapter 3

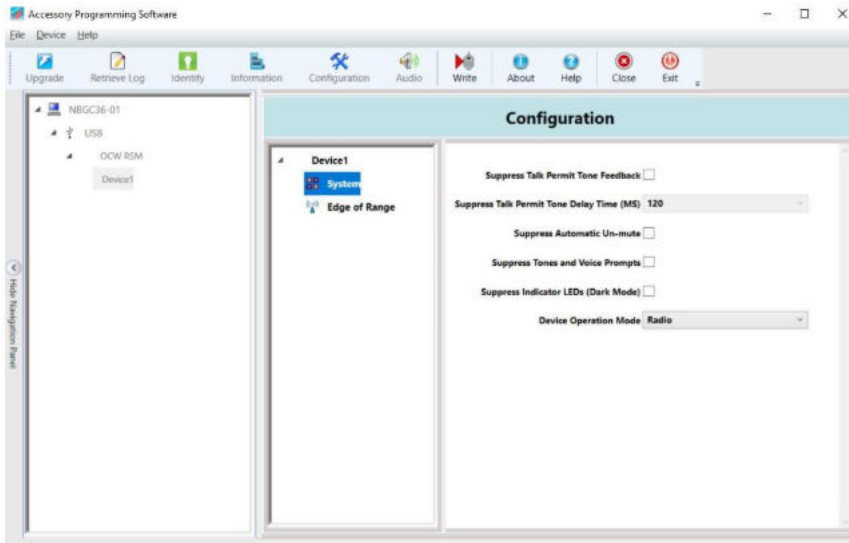
Accessory Configuration


Procedure:

1. Launch the Accessory Programming Software (APS) by clicking **Start** → **Programs** → **Motorola Solutions** → **Accessory Programming Software** → **APS**, or by clicking the desktop shortcut.
2. Connect the accessories to your personal computer (PC) via a micro USB cable.

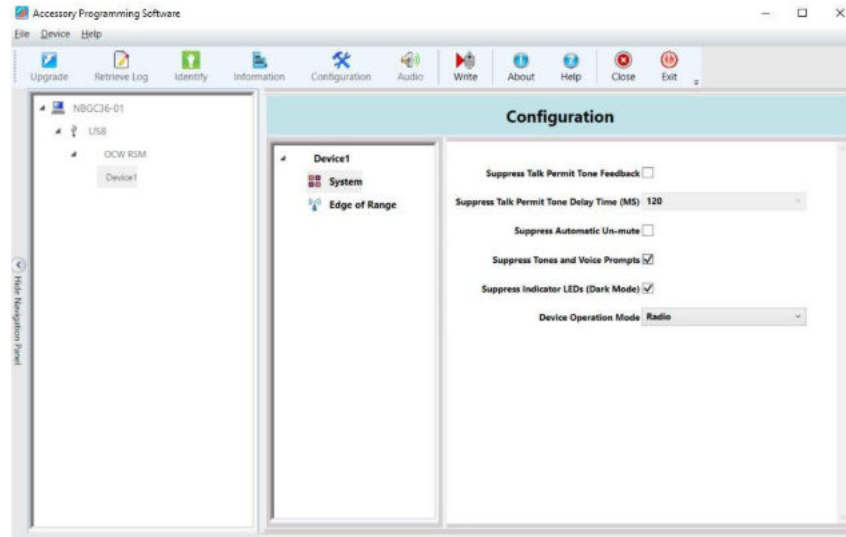


3. Select a device in the list displayed on the left panel and click **Configuration**.

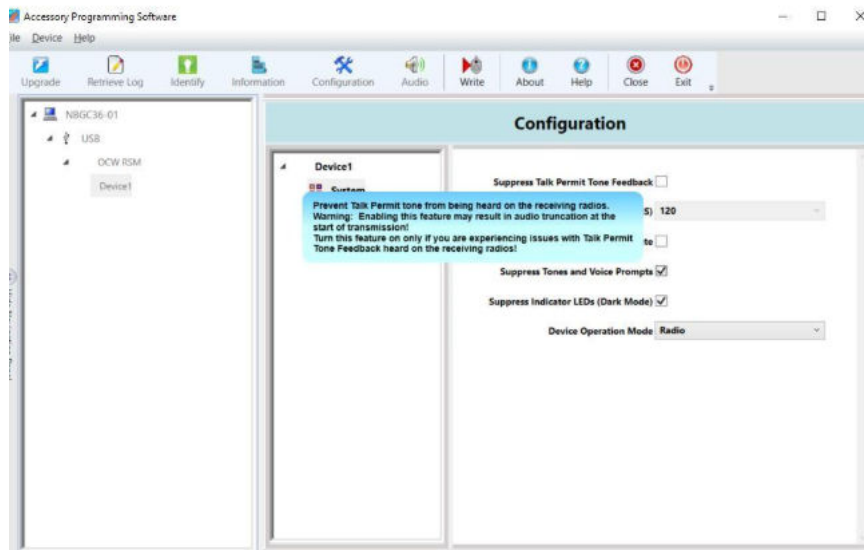


 **NOTE:** The **Configuration** button is enabled when a supported accessory is selected.

4. In the left pane of the Configuration panel, select a component. The features for the selected component appear.

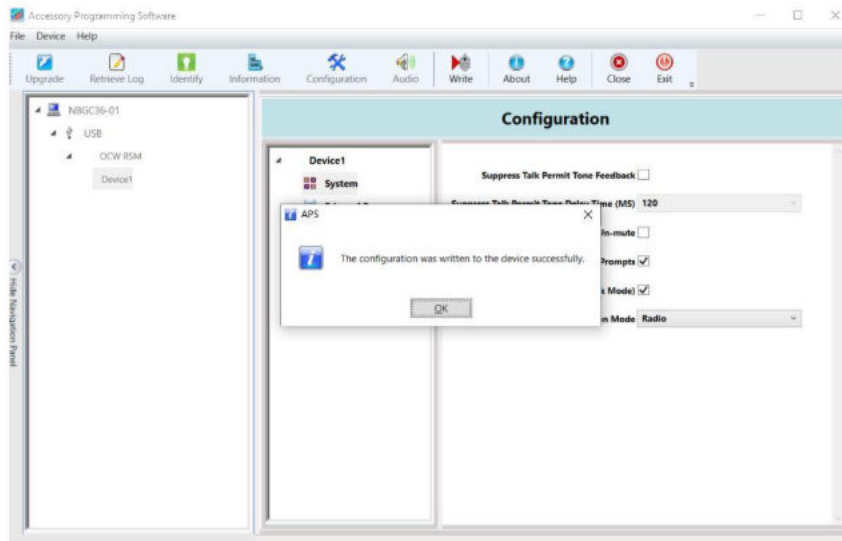


5. To view a description, hover the pointer over the feature name. The description appears in a tooltip.



6. Modify the settings and click **Write**.
7. Click **OK** and **Close** once configuration is complete.

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Chapter 3: Accessory Configuration



Chapter 4

Updating Accessory Firmware

Prerequisites: The update package contains the firmware intended to be programmed onto the accessory using the Accessory Programming Software (APS). Read all on-screen instructions during the installation and use.

Procedure:

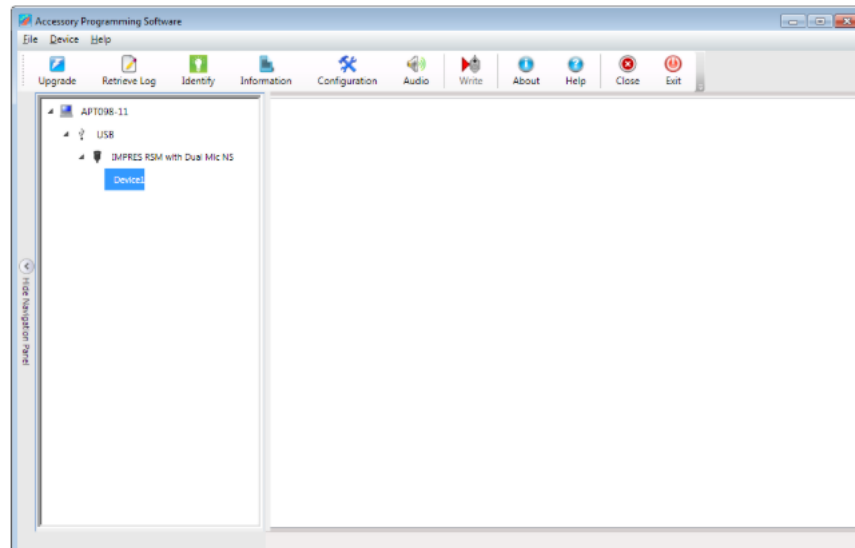
1. Download the update zip file from the website. Extract the zip file and open the msi file to install the update.



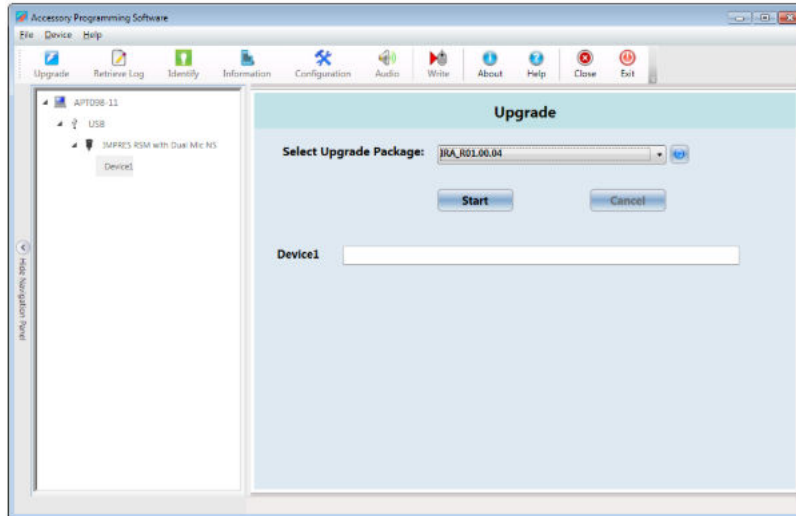
NOTE:

Ignore the publisher warning and click **Run**. The dialog will close automatically when the package is successfully installed.

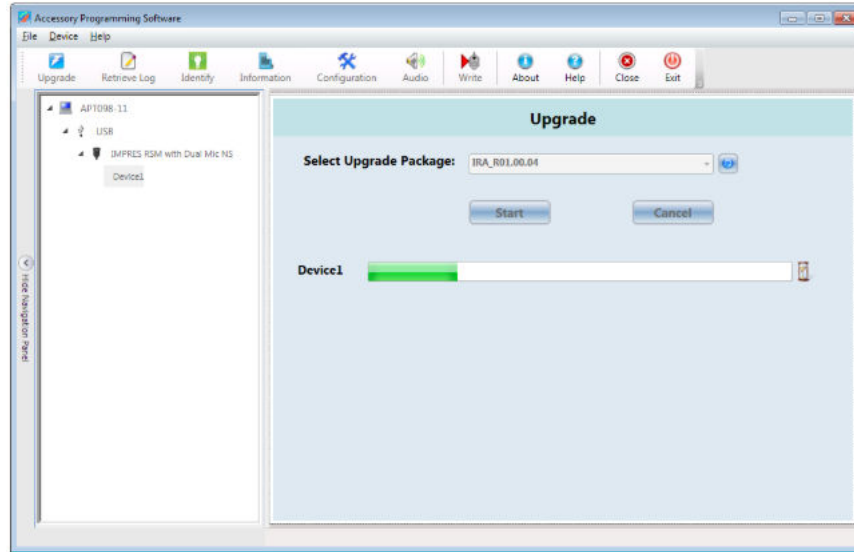
2. Launch APS from **Start** → **Programs** → **Motorola Solutions** → **Accessory Programming Software** → **APS**. Alternatively, use the desktop shortcut.



3. Select **Device** and click **Upgrade** button.

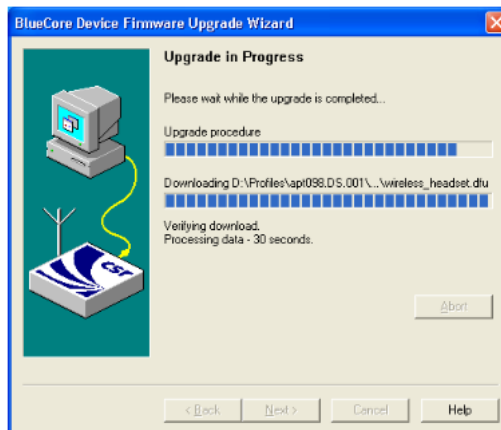


4. Select the correct firmware version and click **Start**.

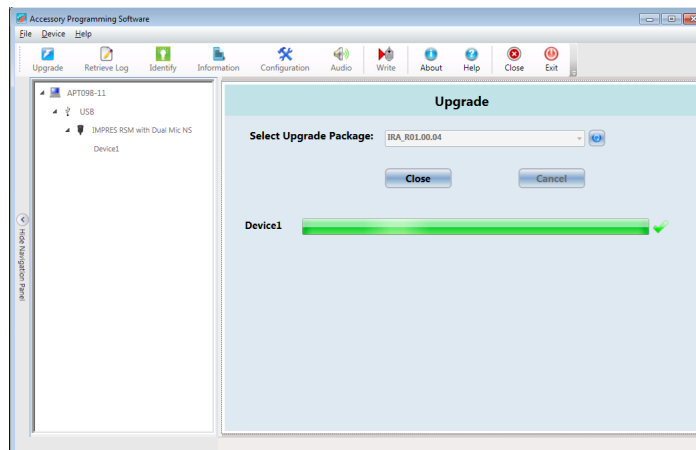


 **NOTE:**

- The current update package will be shown here. If it is not displayed, reinstall the update package.
- Some accessories will display the following window during update.



5. Click **Close** once update is complete.



Chapter 5

Accessory Connection Guide

5.1

Connecting the APX NEXT Vehicular Adapter PMPN5047A

Prerequisites: These instructions will be applicable once the APX NEXT Vehicular Adapter (VA) support is launched in the second quarter of 2026. The HKN6163C programming cable is required to connect the APX NEXT VA with your personal computer (PC).

Procedure:

1. Connect the 26-pin MAP connector of the HKN6163C to the 26-pin accessory receptacle located at the rear of the mobile radio.



2. Connect the USB-A plug of the HKN6163C to the USB-A port of the PC.



3. Ensure that the APX NEXT VA appears in the Accessory Programming Software (APS).