

Flash Programming Tool

Overview

The Flash Programming tool is a Windows® compatible application which allows the upgrading of the software within certain Honeywell Security alarm products. Currently, the Flash programming tool works with the products indicated in **Table 1**.

Interface Cable

An interface cable is required to connect the product being upgraded to the PC. This is either Universal Flash programming cable with appropriate adapter (part number A221) or a USB cable. See Table 1 and Figure 1 for details.

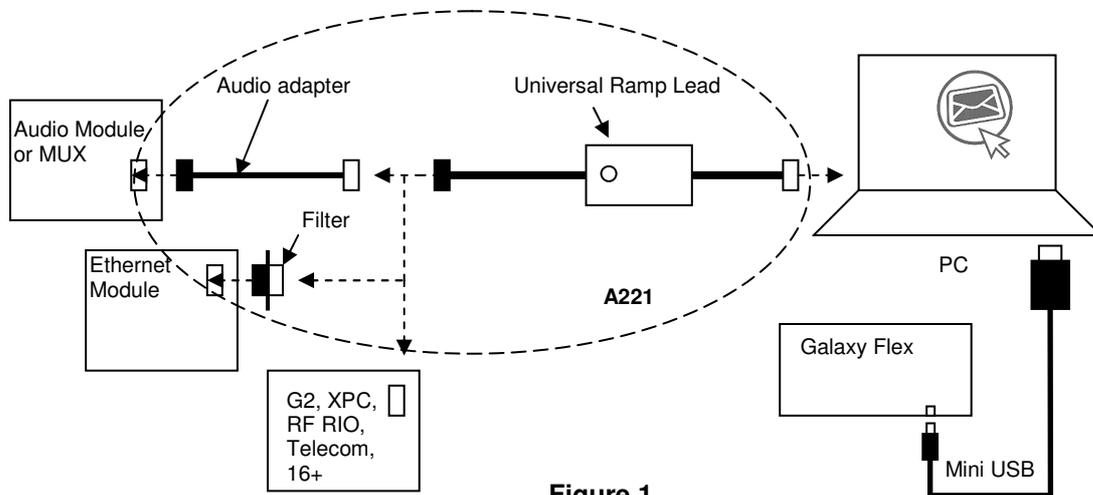


Figure 1

PRODUCT	EARLIEST VERSION	FILE EXTENSION	Cable type
Galaxy Flex	V1.0	.bin	Mini-USB
Galaxy 2 Series	V1.0x	.mot	A221 RAMP lead
G2 Series	V1.4x	.mot	A221 RAMP lead
Dimension Audio Modules*	V1.xx	.mot	A221 RAMP lead + Adapter
Galaxy Ethernet Module*	V1.XX	.tcp	A221 RAMP lead + Filter
Galaxy RF RIO	V1.XX	.rfr	A221 RAMP lead
Galaxy Telecom Module	V5.XX	.tel	A221 RAMP lead
Galaxy 16+	V2.6X/3.6X	.16p	A221 RAMP lead
Accord xpC	V1.4X	.mot	A221 RAMP lead
IB2 Ethernet Module	V1.XX	.et2	A221 RAMP lead

Table 1

Flash Programmer Software

Installation

To install the Flash Programmer, please download the software from the following internet address:
<http://www.honeywell.com/security/rampupdate>

When asked to **Save** or **Run** the software, select **Run** and follow the on screen instructions.

Please contact you supplier for the latest application software file for the product being upgraded.
Save the application software in a known place on the PC before using the Flash programmer.

Updating application software in a Honeywell Security panel or module.

1. Please note that upgrading the panel/module application software will delete all panel programming. It is advised that all programming should be noted prior to this or that the programming is copied using downloading software.
2. Power down the module to be upgraded
3. Connect the appropriate cable as per table 1 above .
4. Start the Flash Programmer software by selecting it from the start menu.
5. On the Flash Programmer, use the Browse button to search for the new application software to be loaded onto the panel/module and click OK. The specific product file extensions are indicated for each product type in **Table 1**. Use the drop-down box to select the appropriate file extension.
6. Repower the module.

Note 1: The Power LED on the Universal Ramp Lead (if used) should illuminate. If it does not, power down again and check the connections.

7. Select the com port being used by the cable

Note 2: If the product to be updated is connected via USB then complete step 8 before step 6 and the com port will be selected automatically.

8. Click **Program** to commence programming
9. The Progress bar and Status bar will indicate progress.
10. If an error message is displayed, check the settings, repower the module then try again.
11. Once the software has programmed correctly, power the PCB down.
12. Remove the cable from the PCB
13. Re-apply power to the PCB.
14. On an alarm panel main PCBs, after the software has been upgraded, a panel default must be performed to fully update the panel. See the installation manual of the panel for further information.

Note 3: The panel/module is non-operational when the Universal Ramp Lead is connected.

Note 4: The Flash Programming kit does not support downloading of panel programming. Separate downloading software is available for this.

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