

FIRMWARE UPGRADE

CEL-712 Microdust Pro

PROC353 Rev 7

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Introduction

This guide is intended to guide a user through the necessary steps to upgrade the firmware on the Casella CEL-712 Microdust Pro and describes each process in a step by step manner.

If assistance is needed during any process in this guide, support can be obtained online from helpdesk.casellasolutions.com or by calling **+44 (0)1234 844100**. When contacting Casella Product Support, please reference the document number and the step number of the flow diagram or list if necessary.

The latest firmware revision can be downloaded from the Casella Website or Extranet. If a new firmware version is available, a Technical Bulletin will be released by Casella Product Support. The new version will then be uploaded to the Casella Website and Extranet for download.

This is a controlled document and is not to be amended by anyone other than Casella Product Support. Should you have any feedback or wish for any amendment to be made to this document, please contact Casella Product Support via the contact details on the cover providing the document number and change request details.



WARNING

Updating the firmware on your Casella CEL-712 Microdust Pro may erase any information stored in the unit. Please make sure you have backed up your data before attempting this procedure.

Equipment required

Before proceeding with the firmware upgrade process, please make sure you have the following equipment:

Casella CEL-712 Microdust Pro



USB A to USB B Cable

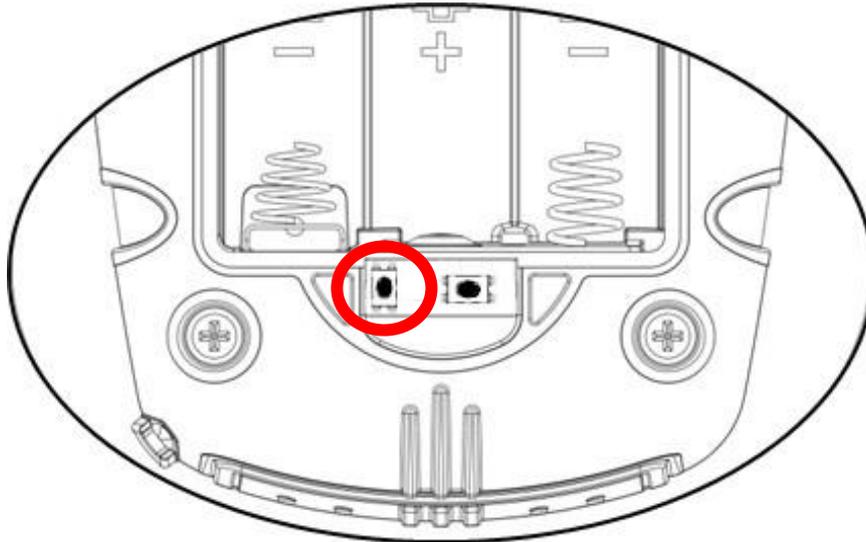


Non-Conductive Instrument



Firmware upgrade method

1. Download the Casella CEL-712 Microdust Pro firmware from the Casella Website or Extranet and save to an accessible location.
2. Remove the battery cover and batteries from the instrument.
3. Connect the instrument to PC using the USB A to USB B cable.
4. Underneath the battery cover, identify the Program Mode Switch as shown below:



5. Press the Program Mode Switch using a non-conductive instrument and hold it down while simultaneously pressing and holding the instrument power button.
6. The instrument will power on and display the current Boot code and Firmware version numbers. The PC will recognise the instrument as a USB Device and an autoplay box will appear. Select 'Open Folder to View Files' which will open a blank Windows Explorer box.
7. Locate the firmware file downloaded in Step 1 and copy it into the Windows Explorer window opened in Step 6.
8. The instrument will display a moving arrow and Windows Explorer will show a progress bar.

DO NOT UNPLUG THE INSTRUMENT!

9. When complete the instrument will display a green tick at the bottom of the screen.
10. Power instrument off, unplug from the computer and replace the batteries and battery cover.
11. Power instrument on, upgrade is complete.