

PROCEDURE

Casella Model Upgrade

PROC351-08

September 2021

Casella
Regent House,
Wolseley Road,
Kempston,
Bedford.
MK42 7JY
T:+44(0) 1234 844 100
F:+44(0) 1234 841 490
E: info@casellasolutions.com

CASELLA

Contents

Introduction.....	3
Installation	4
Configuration	5
Connecting instrument using USB	5
Connecting instrument using Infra-Red	5
Model upgrade	6
Instrument selection	6
Performing upgrade	7

Introduction

The Casella Model Upgrade Program has been written by Casella to allow users to change the model variants of selected Casella instruments. The program is available to download from the Casella website within the product support pages.

This document describes the process of installing the Casella Model Upgrade Program and is intended to guide a user through the process of changing the model variants of Casella instruments. If assistance is needed, support can be attained online from **helpdesk.casellasolutions.com** or by calling **+44 (0)1234 847799**.

When contacting Casella Product Support, please reference the document number and the step number of the flow diagram or list if necessary.

The following Casella instruments are supported by the Casella Model Upgrade Program:

Infra-Red Dongle	USB Mini B to USB A Cable	Docking Station and USB Mini B to USB A Cable	Modified USB Mini B to USB A Cable
Apex Pump	240 Series Sound Level Meter	Apex2 Pump	Vortex3
TUFF Pump	620 Series Sound Level Meter	VAPex Pump	
35X dBadge Dosimeter	630 Series Sound Level Meter	dBadge2 Dosimeter	

Note: You will not be able to change model variants without an authorisation code issued by Casella.

Please send a Purchase Order to salesupport@casellasolutions.com with the information below should you wish to purchase an upgrade code:

- Instrument serial number
- Current model variant
- Model variant required

Installation

To install the software:

The latest version of the Casella Upgrade Utility can be downloaded from the Casella product support page. The application is provided free and may be installed on multiple PCs as required.

In your browser, enter the following URL:

<https://www.casellasolutions.com/uk/en/support/product-support.html>

1. Select the category for your product **Air Sampling** or **Noise Monitoring**.
2. Select your product from the list.
3. Enter the **Software and Utilities** section.
4. Select the Casella Upgrade Utility software link to download the application (supplied as a single executable Windows installer file).
5. Locate and run the Casella Upgrade Utility installation file (within the Downloads folder or Recent Downloads list).
6. Please follow the on screen instructions and proceed to install the software.

Configuration

Connecting instrument using USB

Most products produced by Casella can be upgraded via USB connection. Using the USB mini B to USB A cable, plug end A into a USB port on your computer and end B into the bottom of the instrument or docking station. Once complete, power on the instrument and the serial number and current model number of your attached instrument will populate automatically within the serial number and model boxes.

Serial number	Model
1821536	CEL-630A

Connecting instrument using Infra-Red

Some products produced by Casella such as older air sampling pumps and dosimeters can be upgraded via infra-red using an infra-red dongle. Before proceeding with this method, the correct COM port must be selected within Casella Model Upgrade Program.

To configure the infra-red dongle:

1. Open Windows Device Manager.
2. Expand Ports (COM and LPT).
3. Connect the infra-red dongle to a USB port.
4. Identify the infra-red dongle COM port.
5. Open the Casella Model Upgrade Program.
6. Select the instrument to be connected from the instrument menu.
7. Open the options menu and select serial configuration.
8. Uncheck the automatically detect IR interface box.
9. Select the COM port identified in Step 4 from the drop down menu.
10. Select ok to save changes.

Once the COM port has been correctly identified, power on the instrument and place the instrument's infra-red receiver in line with the infra-red dongle. If connection is successful, the serial number and current model number of your attached instrument will populate automatically within the serial number and model boxes.

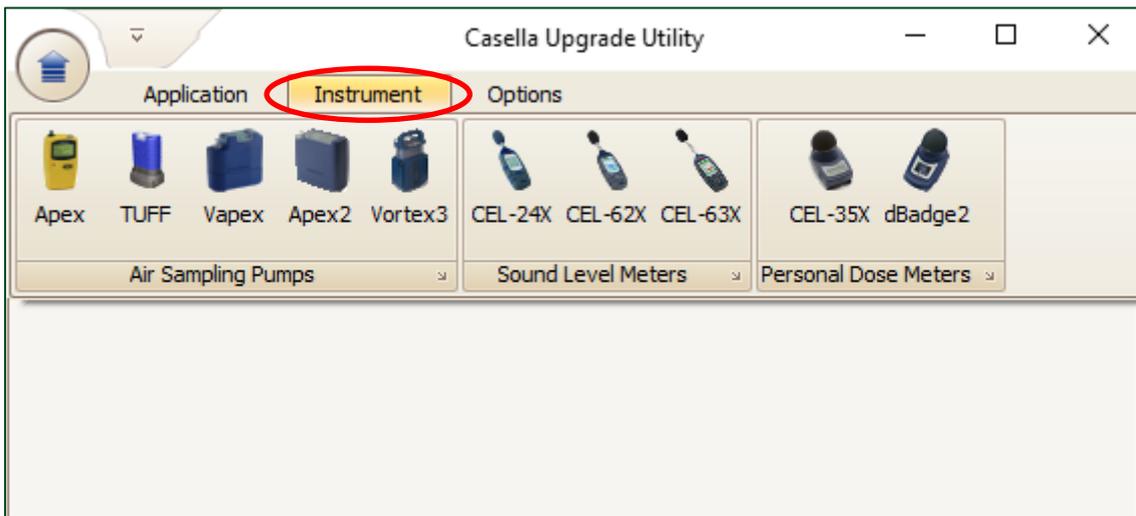
Serial number	Model
4721296	Tuff Pro 4L/min

Model upgrade

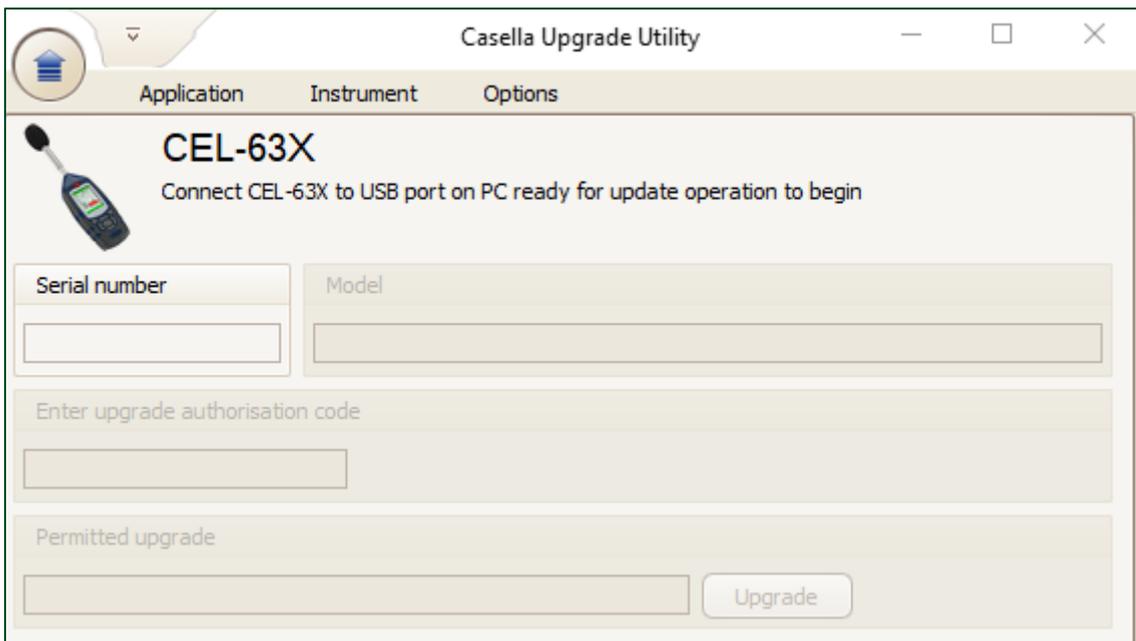
Changing the model variant of any of the Casella products is a simple process.

Instrument selection

Due to the number of instruments that the Casella Model Upgrade Program can be used with you must first select the instrument you wish to change the model variant of. To select the correct instrument, open the Casella Model Upgrade Program and select Instrument from the task bar.



Select the instrument you wish to upgrade, and the software will now expand the window with your chosen instrument at the top.



Performing upgrade

Enter the upgrade code provided into the box labeled enter upgrade authorisation code.

A dialog box titled "Enter upgrade authorisation code" with a text input field containing the number "123456".

The permitted upgrade box will now populate with the model variant permitted by the upgrade code. Select upgrade to start the upgrade process.

A dialog box titled "Permitted upgrade" showing a text field with "CEL-633A --> CEL-633B" and a button labeled "Upgrade" circled in red.

A dialog box will appear confirming completion.

A dialog box titled "Casella Upgrade Utility - Information" with a blue information icon and the text "CEL-63X upgrade [CEL-633A --> CEL-633B] was successful". An "OK" button is at the bottom.