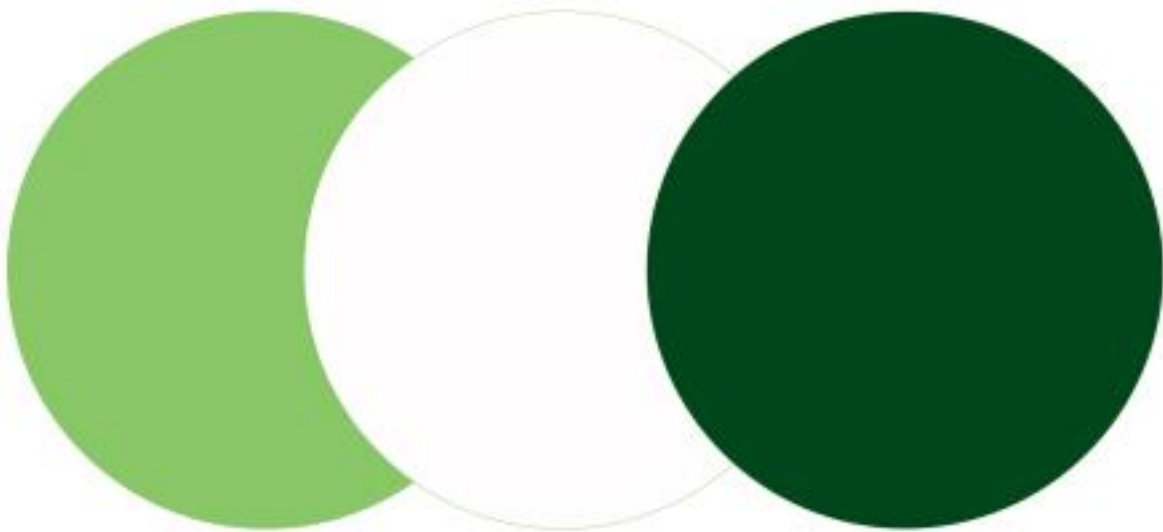


# Casella Firmware Upgrade Guide

Casella 62x Sound Level Meter

**PROC: 355** Rev 6a.



## Introduction

This guide is intended to guide a user through the necessary steps to update the firmware on a Casella 62x series SLM and describes each process in a step by step manner. In order to update the firmware on a Casella 62x Series SLM, the **Casella Mass DFU Program** needs to be installed on your computer; this program is available to download from the Casella website within the Casella 62x product support page.

If assistance is needed during any process in this guide, support can be attained online from **helpdesk.casellasolutions.com** or by calling **+44 (0)1234 84779**. When contacting Casella Product Support, please reference the document number and the step number of the flow diagram or list if necessary.

***N.B** Updating the firmware on your Casella 62x Series SLM may erase all the information stored in the unit. Please make sure you have backed up your data before attempting this procedure.*

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**The latest firmware revision can be downloaded from the Casella website within the relevant product support page. If a new firmware version is available, a technical notification will be released by Casella Product Support. The up to date revision will then be uploaded to the Casella website for download.**

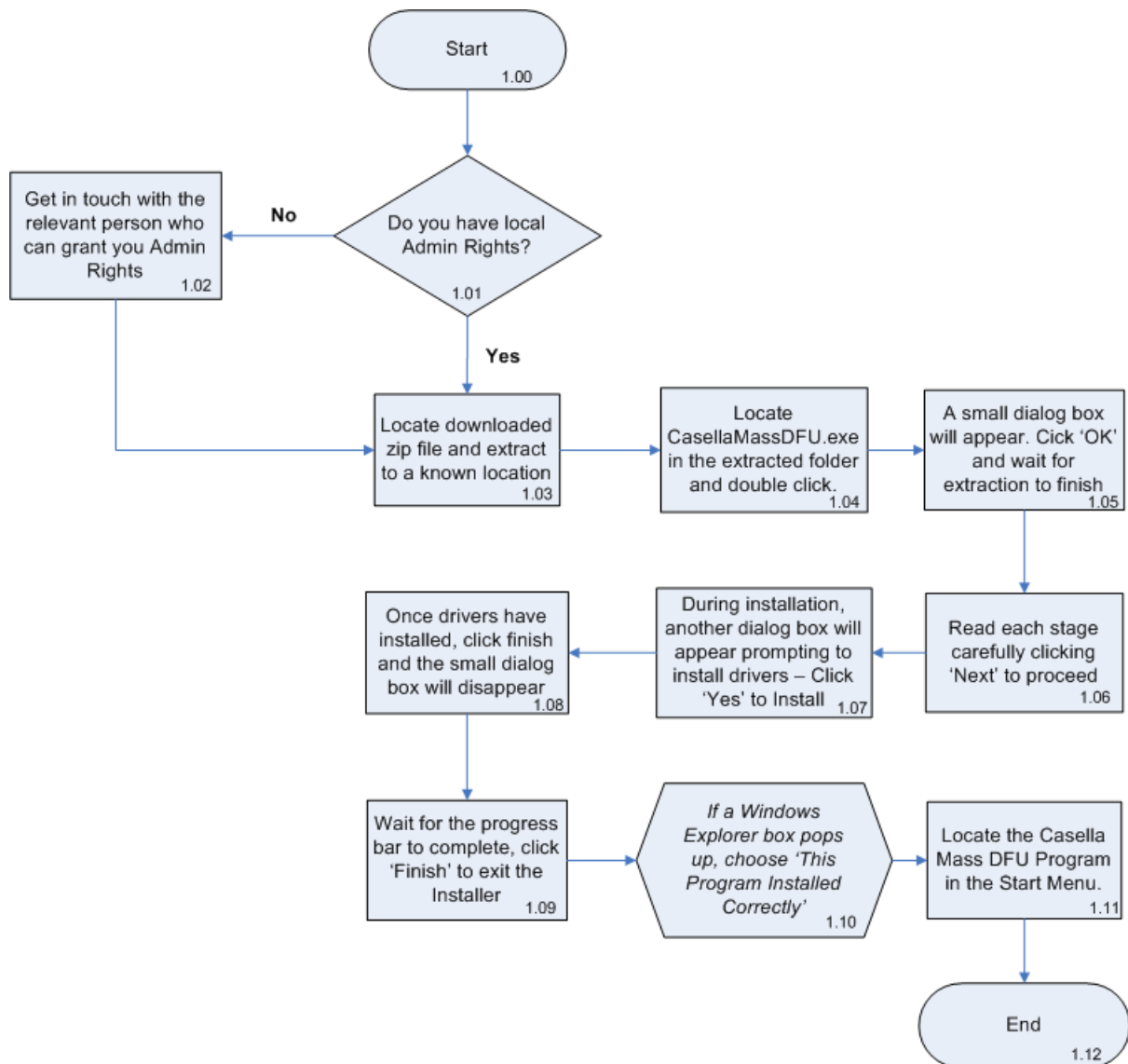
## Casella Software Installation

The Casella Mass DFU Program has been specifically written by Casella to update the firmware on the Casella 6xx Series SLM. The software is available for download from the Casella website. Installation of the Casella Mass DFU Program is very simple with the steps outlined below in **Figure 1**.

The minimum system requirements to use this program are shown below:

- PC with a 1GHz Intel or AMD processor
- 512 mb of RAM
- Windows Vista, Windows 7 or Windows 8 (requires dotNET 3.5 Framework)
- An Internet connection for software download
- A working USB 2.0 port for instrument connection

**Figure 1**



## Equipment

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

**Casella 62x Series SLM**



**USB A to USB B Cable**



**A Non Conductive Instrument**

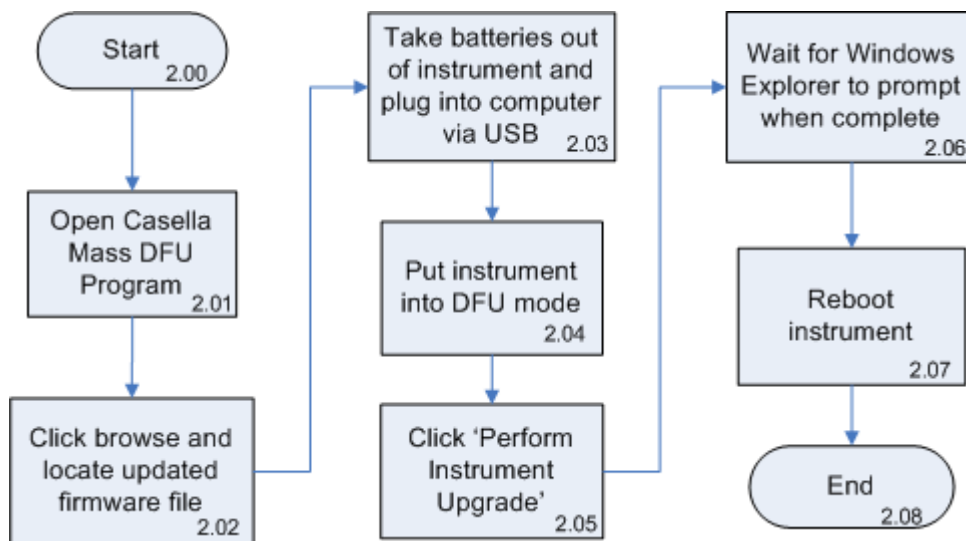


**The latest firmware revision can be downloaded from the Casella website within the relevant product support page. If a new firmware version is available, a technical notification will be released by Casella Product Support. The up to date revision will then be uploaded to the Casella website for download.**

## Firmware Upgrade Method

The firmware upgrade method for the Casella 62x Series is a simple procedure and is summarised below in **Figure 2**. A detailed, step by step procedure is outlined below which has been numbered so that you can reference the document number and step number when contacting Casella Product Support.

**Figure 2**

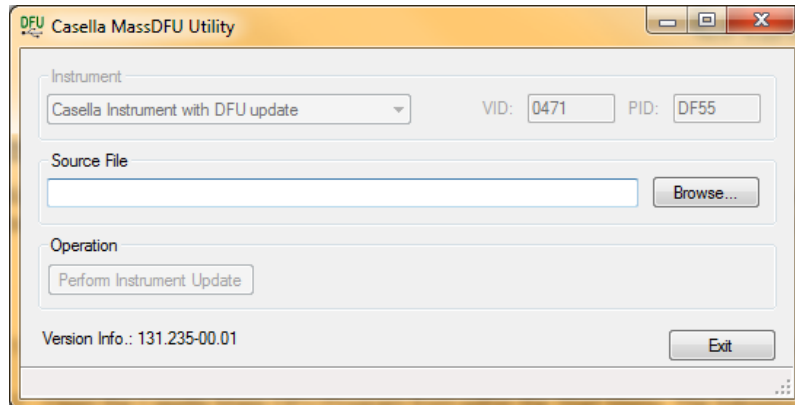


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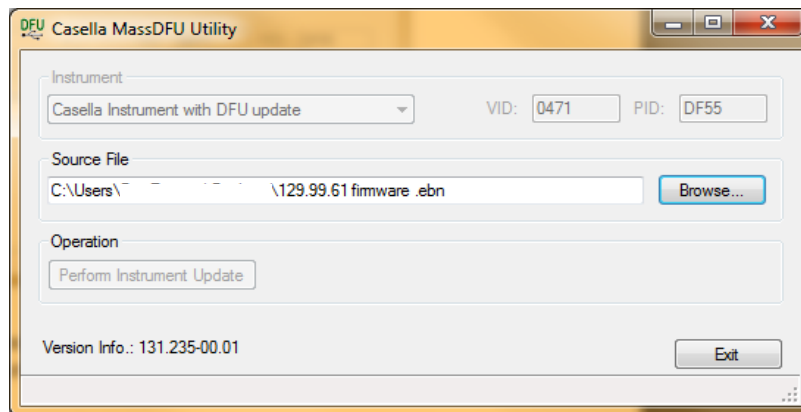
## Detailed Firmware Update Procedure

1. Download the Casella 62x Series firmware from the Casella website and save to an accessible location.

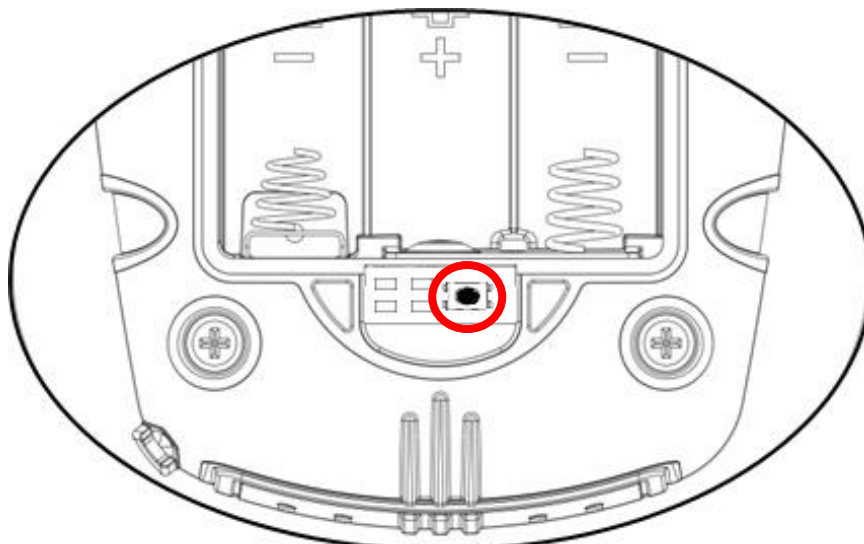
- Open the Casella Mass DFU Program from within the Start Menu. The following window will appear:



- Click 'Browse' and locate the firmware file downloaded in Step 1. Click 'Open' once the file has been located: the Source File box will populate.



- Remove the instrument's battery cover and batteries.
- Using the USB A to USB B cable, plug end A into a USB port on your PC and end B into the bottom of the instrument.
- Underneath the battery cover. Identify the Program Mode Switch shown below:



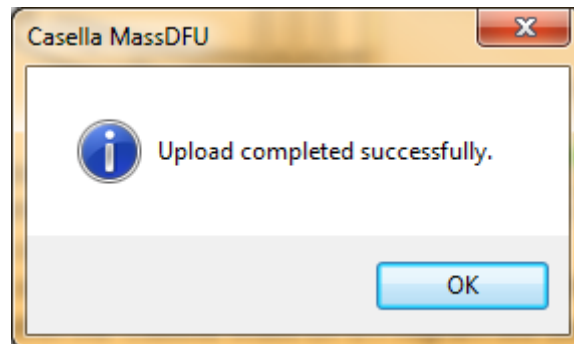
7. Once identified, push the button on the Program Mode Switch down using a non-conductive instrument and hold it down while simultaneously holding the power button to turn the instrument on.
8. If successful, the instrument will display a black screen and the 'Perform Instrument Update' button within the Casella Mass DFU Program will become useable.



9. Click 'Perform Instrument Update' to start firmware update process. A small green progress bar will appear in the bottom left of the Casella Mass DFU Program to show update progress.

## **DO NOT UNPLUG THE INSTRUMENT!**

10. A Windows Explorer dialog box will confirm that the update is complete.



11. Power instrument off, unplug from the computer and put batteries back in.
12. Power instrument back on, upgrade is complete.

Description	Current Issue	Software Number
Casella 62x Series Firmware History	08	023A-08-00

Issue Number	Fixes and Additions	Release Date
08	<ul style="list-style-type: none"> <li>- Added serial number and program version to status screen</li> <li>- Max calibration duration changed from 10 to 15 seconds</li> <li>- Changed status screen to display tel no. +44 (0)1234 844100</li> </ul>	31/01/2013
07	<ul style="list-style-type: none"> <li>- Changed description from CEL – 6X0 to CEL – 62X</li> </ul>	08/10/2009
06	<ul style="list-style-type: none"> <li>- CEL – 620C variant created for third octave and single octave modes.</li> <li>- Screen added to switch between octave and 1/3 octave on C models</li> </ul>	10/09/2009
03	<ul style="list-style-type: none"> <li>- Fixes incorrect scrolling time for the stop/run graph screens</li> </ul>	17/11/2008



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 below providing the document number and change request details.

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