

How to upgrade ETHOS Firmware, SD content and Flash through ETHOS Suite.

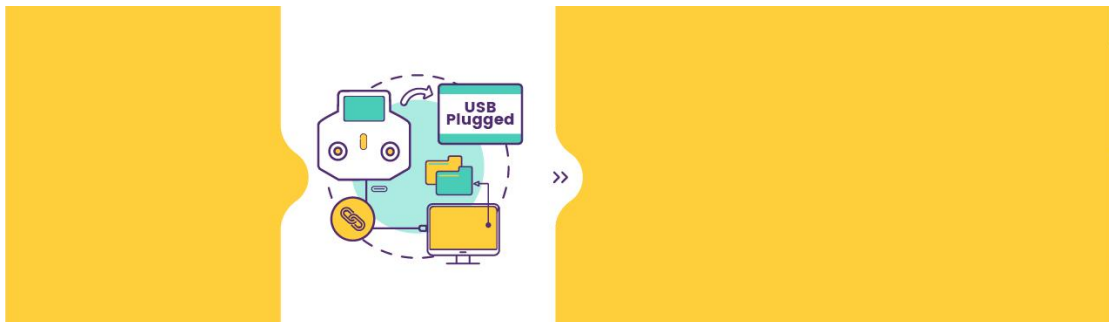
STEP 1

Firstly ensure the USB cable is **[disconnected]** from the radio, then hold the **[Power]** and the **[Enter]** buttons at the same time to enter the **[Bootloader]** mode.



STEP 2

If the bootloader version **[1.2.10 or above]** appears in the **[upper right corner]** of the screen, then **[connect]** the USB cable to the PC.



ETHOS radio screen display changes to reflect it's in USB Connected mode. Once connected, Ethos Suite will show your **[radio model]** in sidebar menu, and can read version info about the system, SD card content, Flash and Bootloader.

The screenshot shows the ETHOS Suite interface. On the left is a sidebar menu with options: Welcome, First Use Guide, Update News, Radio (selected), X20, Tools, and Image Tool. The main area displays 'X20 (Bootloader Mode)' with the following information:

- Firmware Version: 1.2.10 FCC **Up to date**
- Bootloader Version: 1.2.9 **Out of date**
- SD Card: (3.8GB): Audio 1.2.8 **Up to date**
- Flash: (8.0MB): System Bitmaps 1.2.6 **Up to date**

Below this information are two buttons: 'EJECT DRIVES' and 'START ETHOS'. A small image of the radio is shown on the right. Underneath is a section titled 'Update Your Radio' with a table:

Firmware	Version	Size	Release Date	Detail
Release 1.2.10	1.2.10	1.6MB	2022-06-03	

STEP 3

If a radio update is available, it will be shown along with its Version, Size and Release Date. Firstly select the desired **[Firmware]** and **[Audio Language]**, and then click the **[Green Menu Bar]** at the bottom, choose the different components you would like to update and click **[Download Icon]**.

