



Technical Notes

TouchMix Digital Mixers



Disc formatting in Apple El Capitan OS

Overview

Apple has made changes to the disc utility within the El Capitan (10.11) operating system that have affected the FAT32 format process.

When formatting a hard drive with the Disc utility on a Mac running the El Capitan OS, you will need to select the MSDOS format option, which is how Mac classifies FAT32. In the MS-DOS option, El Capitan has added a separate “Partition” selection that offers the options GUID or MBR (Master Boot Record).

- Do not select GUID for use with a TouchMix mixer because it creates a separate smaller partition that the mixer will see as the primary partition; in a recording session, the mixer would use that partition and consequently run out of space within only a minute or two, causing the recording to stop. Also, if you use the drive to update the mixer’s firmware, the mixer would be unable to find the update file.
- Instead, select MBR (Master Boot Record) because it will format the drive as one single partition. The procedure details follow below.

Recommended formatting procedure

1. Connect the external hard drive to your computer and launch the Disc Utility.
2. In the Disk Utility left column, select the drive (see Figure 1).

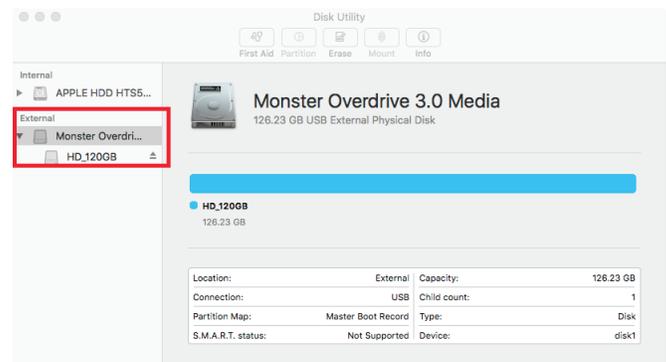


Figure 1

3. Select **Erase**.
4. Optional: In **Name**, enter a name for your drive (see Figure 2).
5. Select **Format**. Then select **MS-DOS (FAT)** (see Figure 3).
6. Select **Scheme**. Then select **Master Boot Record** (see Figure 4).
7. Click **Erase** (Figure 5). The utility will now format the drive properly for use with TouchMix. Exit the Disk Utility when you are done.

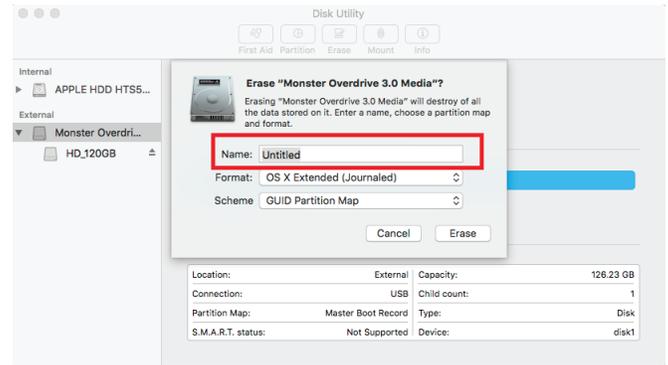


Figure 2.

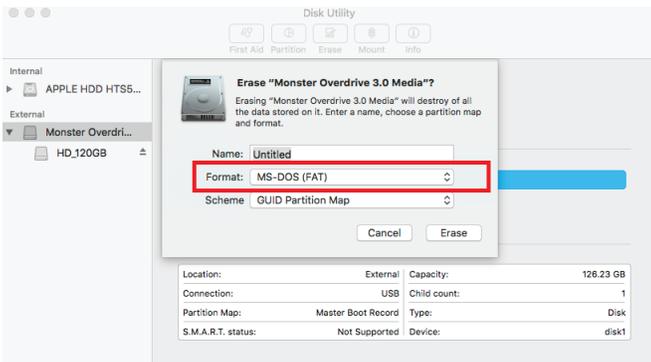


Figure 3.

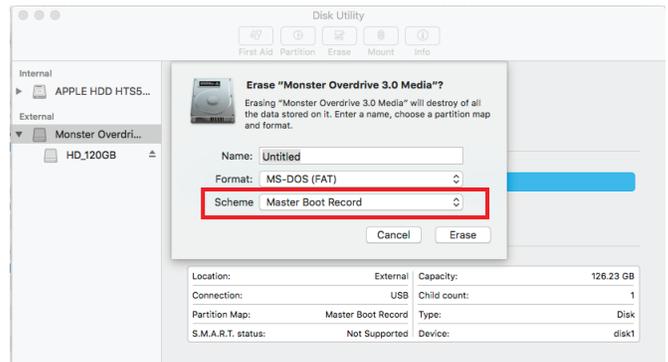


Figure 4.

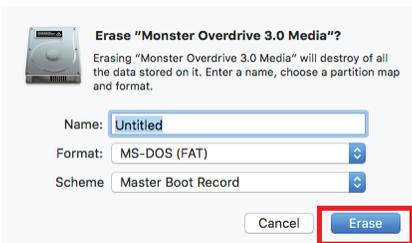


Figure 5.