

[Compatible / Incompatible USB memory list for M7CL and LS9](#)

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Yamaha M7CL and LS9 mixing consoles use USB memory storage devices for data transfer and firmware updating. Additionally LS9 can play and record compressed audio files like MP3 from an external USB memory device.

Yamaha has worked within USB standard to ensure the consoles work with USB1.1 Storage Media. And the capacity is up to 16GB max (as of September 2009). The compliant format is FAT12, FAT16, or FAT32. However many larger memory capacity devices are also found to work and USB 2.0 storage devices generally also work with USB1.1 products. When finding a new USB memory device for use with Yamaha consoles, please stick to the above recommendations.

To help users find a working USB memory key, Yamaha has provided a list of tested keys. However please note the following points.

- **There is a possibility that the specifications of USB storage devices may be changed by the manufacturer without any change in physical appearance or notification to Yamaha and no guarantee can be implied from this list.**
- **The test is made on one particular example device, so please note that we assume no responsibility whatsoever for any damages resulting from the use of other devices which may perform differently because of specification changes or manufacturing faults.**
- **The devices listed have passed Yamaha basic testing.**
Test conditions are:
 - > Load function check
 - > Save function check
 - > Playback function check (LS9 only)
 - > Recording function check for 15 seconds. (LS9 only)
- **Please refer to each manufacturer for the specification of each USB storage device.**
- **Information in this document is subject to change without notice.**

Compatible list:

Manufacturer	Product Name	Capacity	Date of testing
Kingston	Data Traveler Generation 2 (G2) - 8GB	8GB	Aug., 2009
Kingston	Data Traveler Mini Slim – 8GB	8GB	Aug, 2009
Kingston	Data Traveler 101 – 16GB	16GB	Aug, 2009
Lexar	8GB JumpDrive TwistTurn	8GB	Aug, 2009
SanDisk	Cruzer® Micro 8GB	8GB	Aug, 2009
SanDisk	Cruzer® Contour™ 8GB USB Flash Drive	8GB	Aug, 2009
SONY	MicroVault USM16GL – 16GB	16GB	Aug, 2009
Verbatim	Store 'n' Go USB Flash Drive – 8GB	8GB	Aug, 2009

Incompatible list:

Manufacturer	Product Name	Capacity	Date of testing
Transcend	TS2GJFV30	2GB	Oct., 2008

Note:

- M7CL firmware V1.12 or later and LS9 firmware V1.10 or later formats media larger than 4GB in FAT32, and media 2GB or less in FAT16.
- Severe fragmentation of USB memory may stop the recording/playback function of the USB memory recorder of LS9, so we recommend you to defragment your memory prior to recording.
- LS9 USB memory recorder cannot play back WMA Professional audio files.
- M7CL and LS9 show USB key capacity by IEC standard prefixes. The displayed capacity on consoles could be different from USB key catalog spec which is shown by SI prefixes.
- The consoles' USB socket is not suitable for other non-memory USB devices like keyboards, mice, lamps etc.