TASCAM

TEAC Professional Division

MX-2424

24-Bit 24-Track Hard Disk Recorder

MX-2424 Version 2.00
Read Me

Welcome

Congratulations on your purchase of the MX-2424 24-track 24-bit Hard Disk Recording system. While we share your excitement, we ask that you please review the following before using the MX-2424.

Contents of the box

- MX-2424 Owners Manual
- MX-2424 Owners Manual Updates
- SCSI Instructions
- Option Installation Instructions
- MX-2424 CD-ROM
- Smart Media Card
- Power cable for front bay drive
- Demo song track sheet
- MX-2424 Welcome Letter
- This Read Me document

What is this? Contents of the box explained

- Manuals & Instructions: Stuff you should read!
- MX-2424 CD-ROM: Contains all the manuals in electronic PDF format, the current version of MX-OS MX-2424 Operating System and ViewNet MX for both Macintosh and Windows.
- Smart Media Card: This is used for updating the version of MX-OS in your MX-2424. It is delicate so keep it in its box in a safe place. Refer to the Owner's Manual section on MX-OS Operations.
- Drive Power cable: Use this cable to connect the power from the MX-2424 motherboard to a drive installed in the front bay. Refer to the Option Installation Instructions for details.
- Demo song track sheet: There is a pre-loaded demo song in the MX-2424 to listen to and check the connections to your mixer. To load it press PROJ twice, select it with the Arrow keys and press YES.
- MX-2424 Welcome Letter: More stuff to read!
- This Read Me document: It's the thing you're reading…

Where to go for support and software updates

All software updates for the MX-2424 including ViewNet MX are posted and regularly updated at http://www.tascam.com
Visit the MX-2424 user group at http://www.tascambbs.com
Visit the dedicated MX-2424 site at http://www.mx2424.com

SCSI Drive Support

Before installing any additional SCSI devices, please review the SCSI Instructions.

Hard Drives

For the most up to date list of approved hard drives, please visit us at http://www.tascam.com

Backup Drives

The MX-2424 has the ability to backup data to a SCSI DVD-RAM or Travan tape drive. The following model numbers are supported:

Brand	Model	Type of Device	Capacity
Hitachi	GF-2050	DVD-RAM	9.4GB
Hitachi	GF-1050	DVD-RAM	5.2GB
Panasonic	LF-D103U	DVD-RAM	5.2GB
Creative Technology	RAM1220S	DVD-RAM	5.2GB
Seagate	Hornet NS-20	Travan	10GB

Backup Media

DVD-RAM

Media which adheres to the following requirements may be used for DVD-RAM backup on the MX-2424:

- 5.2GB Double Sided
- 9.4GB Double Sided (Hitachi GF-2050 only)
- Rewritable
- Type 1

Travan

- 10GB (Uncompressed) Travan Tape Media

Types of Backup

Three types of backup are supported on the MX-2424 using DVD-RAM drives:

- FAT-32 Initialized
- MacHFS initialized (Only using DVD-RAM Tune-Up on the Mac)
- Mac HFS+ initialized (Only using DVD-RAM Tune-Up on the Mac)
- Un-initialized

When a FAT-32 formatted DVD-RAM disk is created on the MX-2424 it will identify is as a FAT-32 volume. Such a disk can be mounted on a PC.

An un-initialized DVD-RAM disk will mount on the MX-2424 as a backup (BU) volume. The MX-2424 will back up data to such a disk using an advanced backup program capable of spanning single projects across multiple disks. These disks will not mount or be readable on a computer.

It is possible to audition a pair of tracks from a FAT-32, HFS or HFS+ formatted DVD-RAM disk by loading the project directly from the DVD-RAM disk.

Mounting a SCSI Hard Drive on a computer

With support for removable drives it is possible to take audio drives back and forth between the MX-2424 and a computer for backup or sharing of audio files between the MX-2424 and a computer-based DAW.

Macintosh
Required software:

- FWB Hard Disk Toolkit 3.0 or higher

The MX-2424 has the ability to initialize SCSI drives using Menu 710. However, this initialization process does not install a Mac driver onto the disk. The following steps must be taken in order to mount on a Mac a disk that has been initialized on the MX-2424:

1. Connect the drive to the Macintosh SCSI port. Verify that proper termination and SCSI cabling rules are followed and boot up the computer system.
2. Launch FWB Hard Disk Toolkit. In Device View, under the Device pull down menu, choose the "Update Driver" function.
3. Click "Yes" to update the driver.
4. Reboot the computer system. This is an FWB requirement – failure to do so will corrupt the disk.
5. Once rebooted, the drive will mount and may be used as a standard Mac volume. Note that once this mounting process is performed and the volume has been updated with FWB drivers, there is no need to repeat the above steps in order to mount the drive on a Mac until the drive has been initialized again on the MX-2424.

Note: A hard disk formatted to ***Mac OS Standard*** on a Macintosh may be taken to the MX-2424 for reliable use. Such a disk does not need to be initialized on the MX-2424 and may be taken back and forth between the two systems without any further driver installation or initialization.

NOTE: ***The MX-2424 does not support hard disks partitioned on the Macintosh. Disk initialization on the MX-2424 will remove Mac driver software.***

General Tips and Reminders

- It is recommended that projects be started at the 01:00:00:00 mark. This is to prevent crossing the 00:00:00:00 point during operation.
- Always un-mount disks before turning the unit off by pressing SHIFT+MOUNT.
- Un-mount backup media (BU format) from DVD-RAM/Travan drives when recording.
- The Render feature is intended to enhance drive performance for sessions with heavy edit density. The Render function can also be used in the rare occurrence that an "Out of Audio Memory" error is encountered.

Future Enhancements

While the MX-2424 contains an impressive feature set as it is, here are some of the enhancements to be released in the near future:

- Waveform editing