

Mambo Digital – Rock your digital world with new Media-X™ PhotoBank Jukebox

Taipei, Taiwan (September 16, 2002)

Mambo Digital, a leading digital entertainment device innovator and manufacturer, today introduces its new 20GB Media-X™ Photobank Jukebox. Packed with more technologies, this unique Media-X™ adds digital photo storage and playback on-the-go, MP3 recording and playback, and ultra fast USB 2.0 portable hard disk capabilities into one pocket-sized unit.



“We have taken the jukebox concept to the next phase in its evolution,” said Matt Hsia, President of Mambo Digital. “Today people are dealing with lots of digital data than they were 5 years ago: MP3 songs, digital camera photos and videos, emails, e-books, documentations, etc. That clearly indicates smart portable storage with multimedia playback and media interchange capability is in demand.”

The amazing new Media-X™ is a 5-in-1 jukebox with built-in 20GB hard disk, SD/MMC memory card slot, and USB 2.0 interface. Its intelligent operating system allows Media-X™ to playback MP3/WMA digital audio, download and upload photos from/to memory card, playback photo to standard TV^{*1}, encode MP3 from any audio source, record voice with built-in microphone, and of course a pocket-sized battery-powered USB 2.0 hard disk.

5-in-1 Technology

Digital Camera Photo Bank, built-in 20GB hard disk and SD/MMC memory card slot, simply remove the digital camera's memory card to Media-X™ for backup storage. Capable of storing up to 24,000 photos and playback to TV^{*1} makes it the ultimate digital camera companion. Restoring from previous backup to memory card and card-erasing is also possible with Media-X™. User can also use the smart backup/restore function with all SD/MMC compatible devices for different purpose such as MP3 players, digital camcorders, PDA's, smart cellular phones, digital voice recorders, etc.

Multi-format digital audio jukebox, supports MP3, WMA plus additional

future audio playback formats through firmware upgrade. With built-in 20GB hard drive, it is capable of storing up to 9,000 songs or 750 CDs worth of high quality digital music. The Media-X™ integrates Mambo Digital' s newly developed EZ-Navigator™ user interface, making file searching, browsing, playlist editing much easier. EZ-Navigator™, displays the same folder tree structure just liked the Windows® environment; use Navi-Dial™ to scroll up/down the folder, press to open folders or playback songs; the entire user interface makes operating Media-X™ sleek and intuitive. Media-X™ is also a MP3 music center, simply copy music files to a SD/MMC memory card from Media-X™ and use it in a flash memory MP3 player.

Real-time MP3 Recorder, the analog line-in port enables audio encoding from just about any source (MiniDisc, DAT, CD, cassette player, FM, TV, etc.) in real time directly to Media-X™ into MP3 formats. The Media-X™' s roomy 20GB mega storage is capable of storing from 700 hrs (at 64kbps, 22.1MHz) to 300 hrs (at 160kbps, 44.1KHz) worth of MP3 digital recording.

Digital Voice Recorder, built-in high sensitive microphone makes Media-X™ a perfect digital voice recorder with 700 hrs capacity. Plus, since it records voice directly into MP3 format, converting proprietary digital audio formats to WAV liked most other digital voice recorders is no longer needed. User can email MP3 voice messages directly from the Media-X™.

Driverless USB 2.0 Hard Drive, the Media-X™ is not limited to store only music and photo files. Ultra fast data transfer (up to 480Mbps, 40 times faster than standard USB 1.1) functionality and driverless design*2 for both PC & Mac also enables the Media-X™ to store, manage any kinds of files. Requiring no A/C power adapter, the Lithium ION battery operated Media-X™ is the best choice of portable storage.

Media-X™ Photobank Jukebox Features

- 5-in-1 technology combines digital camera photo bank, MP3/WMA jukebox, real-time MP3 recorder, digital voice recorder and portable USB 2.0 hard disk
- Built-in SD/MMC memory slot enables backup/restore/erase memory card. Ultra smart storage/playback device for digital cameras, PDA' s, MP3 players, digital voice recorders, digital camcorders and smart cellular phones.

- 20GB storage holds up to 9,000 songs of CD quality digital audio, or 24,000 digital camera photos
- Reprogrammable firmware supports MP3, WMA, JPEG*¹, MPEG1 video*¹ (.DAT, .MPG) plus additional future audio/video playback formats and software extensions
- MP3 real-time encoding records from built-in high sensitive microphone or stereo line-in from selectable bitrate (64kbps to 160kbps)
- Intuitive EZ-Navigator™ and Navi-Dial™ allows easy browsing, searching, and assemble playlist on-the-fly.
- User programmable playlist assemble your favorite tunes into multiple playlists
- Anti-shock protection of up to 8 minutes for smooth listening
- USB 2.0 interface offers fast digital transfer rates and quick connectivity
- 5 presets 3D EQ and 1 user programmable EQ adds personalized audio settings for audio preset effects and listening environments
- Weighs only 9.8 ounces for optimal portability
- Large EL backlit LCD at 128x64 full graphic (up to 8 line of characters)
- Feature Expansion Connector enables interface to other A/V devices
- External battery box (optional): Up to 8 hours continuous playback with built-in rechargeable Lithium ION battery, up to 16 hours with external battery box
- Wired remote control (optional): full graphic backlit LCD wired remote puts control at you finger tips

Pricing and Availability

The Mambo-X P353 Media-X™ (\$349.95 MSRP) will be available toward the end of October in North American retail and online outlets. Accessories for Media-X™ includes:

Backlit LCD Wired Remote Control (\$49.95 MSRP, Avail. Q4/2002)

Photo Expansion Box (\$49.95 MSRP, Avail. Q4/2002)

External Battery Box w/ Built-in Charger (\$39.95 MSRP)

Car Adapter Kit (\$19.95 MSRP)

For more information on purchasing a Mambo-X Media-X™, including detailed product specifications, please visit Mambo-X website (www.MamboX.com).

*1 – Photo viewing function requires optional Photo Expansion Box (sold separately).

*2 – Driver required for Windows98 SE.

About Mambo Digital

Mambo Digital is offering various scalable digital audio solutions for the overwhelming digital music market. Mambo Digital' s sole mission is to “evolution the digital audio revolution” , we are taking the music out of the computer and putting it into the ears of the listener, wherever they may be. We revolutionized the world first and most advanced MP3 CD player (at Oct ' 99 intro), and continuing its endless development. Market under the brand Mambo-X; Mambo Digital' s products are selling to all over the world includes North and South American, Europe, Japan, Russia, Korea, Australia and Taiwan.

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Mambo-X P353 Media-X™ Product Specification

Capacity:

Playback Capacity	JPEG at 2Megapixel	MP3 at 128kbps	WMA at 80kbps
20GB version	24,000 photos	6000 songs	9000 songs
10GB version	12,000 photos	3000 songs	4500 songs
5 GB version	6,000 photos	1500 songs	2200 songs

Recording Capacity	MP3 at 64k, 22KHz	MP3 at 160k, 44KHz
20GB version	700 hours	300 hours
10GB version	350 hours	150 hours
5GB version	175 hours	75 hours

Internal Buffer: 8 MB (480sec Anti-shock)

Host Interfaces and Transfer Rate: USB 2.0 (Up to 480Mbps) or

USB 1.1 (Up to 12Mbps)

Format Supported: MP3 (16 to 320 kbps) and VBR
WMA (up to 192kbps) none DRM
JPEG digital photo*1
MPEG 1 video*1 (.DAT, .MPG)

	MP3 (selectable 64 to 160 kbps) Real-Time Encoding
Graphical User Interface:	<ul style="list-style-type: none"> ▪ EZ-Navigator guides your through entire music collection and setting ▪ Navi-Dial makes scrolling easy and friendly ▪ Power-Dial enables single-hand operation & file searching while playback ▪ Multiple language support for ID3 tag and filename: English, European languages, Japanese, and Traditional Chinese ▪ Memory Card functions: Card to Disk Disk to Card Erase Card ▪ Other settings: Backlit = OFF/5sec/15sec/30sec Audio Balance = Left/Right File Display = Music Only/Supported Formats/All Files PowerDial = ON/OFF
Storage/Media & File System	2.5" IDE hard drive (6GB – 40GB+); FAT32 SD (Secured Digital) & MMC (MultiMediaCard); FAT12/FAT16
Display:	128x64 Graphic EL Backlit LCD (Up to 8 lines of characters, glacier blue color backlit)
Playlist:	Up to 999 User Programmable Playlists
Audio Specifications:	<p>Stereo Analog Line In, Stereo Line Out, and Earphone/Wired Remote Jack. Built-in High Sensitive Microphone 5-mode Equalizer (POP/JAZZ/ROCK/CLASSIC/USER) Signal to noise ratio > 90dB Response 20 Hz - 20 kHz THD (Total Harmonic Distortion): < 0.1%</p>
Battery Life:	Up to 8 hours with built-in Lithium ION, up to 16 hours with external battery box
Firmware:	Downloadable Firmware Upgrades from web
Power Requirement:	<p>Internal: 1 Rechargeable Lithium ION Battery External: AC to DC Charger / Adapter Included Optional External Battery Box: 1 Rechargeable Lithium ION Battery</p>
Dimensions:	130 x 90 x 27 mm. (5.1" x 3.6" x 1")
Weight:	280 g (9.8 oz.) with battery
System Requirement:	<p>Pentium 233 MHz or higher. Win98 SE, 2000, ME or XP 32MB RAM (64MB Recommended) CD-ROM Drive with digital audio extraction support</p>
Package Includes:	USB 2.0 cable

100V-220V Universal AC Adapter

Stereo headphones

Male-to-male stereo cable

Carrying pouch

Software and driver CD

User' s Manual

Quick Reference Guide

Media-X Application Illustration

