



The Perfect Experience

PRESS Release

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For the Japanese Market Only:

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Direct Recording Function Enables Direct Recording from Audio Equipment without PC XA-MP101 and XA-MP51 Digital Music Players

Victor Company of Japan, Limited (JVC) announced today the release of two new digital music players, the XA-MP101 and XA-MP51, that are equipped with a Direct Recording feature that enables them to directly record from a mini-component stereo without a PC. In addition, these music players have a stylish square shape that improves their usability with one hand.

Product Description	Model No.	Memory Capacity	MSRP (tax included)	Release Date	Monthly Production
Digital music player	XA-MP101-S/-A	1 GB	Open price	Middle of July	4,000 units
	XA-MP51-S/-B/-R/-W	512 MB			10,000 units

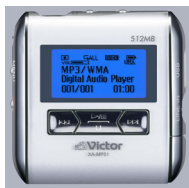
(S: Metallic Silver; A: Metallic Blue; B: Metallic Black; R: Metallic Red; W: Pearl White)



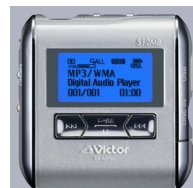
XA-MP101-S
Metallic Silver



XA-MP101-A
Metallic Blue



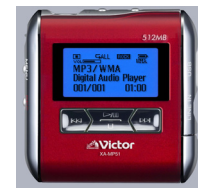
XA-MP51-W
Pearl White



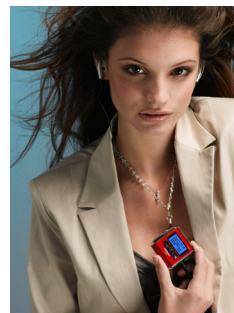
XA-MP51-S
Metallic Silver



XA-MP51-B
Metallic Black



XA-MP51-R
Metallic Red



The pictures show fitting images of Digital Music Player XA-MP101 and XA-MP51

Main Features

1. Direct Recording feature that enables direct recording from a mini-component stereo

A line input port (analog) enables connection to a mini-component stereo or boom box for easy recording of CDs and other music. This is a convenient feature for direct recording without the need of a PC.

2. FM tuning and voice recording

A built-in wideband FM tuner can be used to listen to your favorite broadcasts. The digital music player is also capable of stereo recording. In addition, a voice recording function enables recording of voice messages that are stored on the music player's internal memory. Recorded files can be edited on a PC.

3. 18 bit $\Sigma\Delta$ D/A converter and earphones with powerful neodymium magnets produce high quality audio

An 18 bit $\Sigma\Delta$ D/A converter that faithfully reproduces even subtle nuances in sound and earphones with powerful neodymium magnets deliver high-fidelity digital sound ranging from booming bass to clear highs.

4. Stylish square shape enables one-handed operation

A stylish square shape enables one-handed operation while the user views the LCD display. The button layout has been designed for ease of use with the main button located in the center and the volume button placed above.

5. Choose your favorite color (two colors available for XA-MP101 and four colors for XA-MP51)

Development Concepts

With the spread of broadband and digital rights management (DRM) technology, there has been rapid growth of Internet music download sites. Along with this trend has been a surge in popularity of digital music players with built-in flash memory or hard drive disks that has created a new way for users to listen to music on the go by transferring songs from a PC.

JVC has used its experience in audio technology developed over many years to offer new products in the digital music player market. The newly released XA-MP101/MP51 digital music players are highly portable flash type players that are not prone to music skipping from vibrations. These players support DRM technology for playback of songs purchased from music download sites. Various features such as direct recording from a mini-component stereo without the need of a PC, an FM tuner, and voice recording offer great flexibility for different uses, and an 18 bit $\Sigma\Delta$ D/A converter helps deliver high-fidelity sound. A stylish square design and efficient button layout enables easy to use one-handed operation. JVC will continue to introduce new audio products for easy listening enjoyment whenever and wherever that will have broad appeal from portable MD to PC users.

Other Features

1. Plays WMA and MP3 files

The music players are capable of recording songs in the widely used WMA and MP3 file formats. In addition, with support for DRM (digital rights management*¹) technology from Windows Media Technologies, songs purchased from Internet music sites can be played back.

*¹DRM (digital rights management): supports Windows Media DRM 9.

2. Support for USB mass storage

Music files located on a PC can be transferred easily and quickly onto the music players without the need for any special software (USB 2.0 is supported.). In addition to music files, Word, Excel, image, and other data files can also be stored.

3. Five preset equalizer settings customized for music type to adjust sound quality

Five preset equalizer settings (classic, jazz, rock, pop, and bass) enable the user to adjust the sound according to different music types. The music players also feature a 5-band custom equalizer that can be customized to the user's own listening tastes.

4. Song information can be displayed in multiple languages

The menu display can be set for Japanese or English, and song information can be displayed in 27 different languages including Japanese.

Major Specifications

Model name	XA-MP101	XA-MP51
Built-in memory capacity	1GB	512MB
Compatible OS	Microsoft® Windows®XP (Home Edition/Professional) /Me /2000 /98SE ^{*2} (Preinstalled only)	
Display screen	LCD with blue back lightning (4 digits display)	
Display languages	Menu display: 2 languages (Japanese and English) Music information: 27 languages (Japanese, English, Brazilian, Croatian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese, Rumanian, Russian, Serbian, Slovakian, Slovenian, Spanish, Swedish, Turkish, Ukrainian, and Simple & Elaborate Chinese)	
Direct recording	○ (MP3 format)	
FM radio	FM receptive frequencies: 76.0MHz – 108.0 MHz (wideband) FM recording: ○ (ADPCM format)	
Voice recording	○ (ADPCM format, a built in monaural microphone)	
Music reproduction format	MP3/ WMA/ WMA-DRM (files with copy right protections)	
Bit rate	MP3: 32kbps – 320kbps, WMA: 32kbps – 192kbps	
Number of recordable music	Approx. 500 ^{*3}	Approx. 250 ^{*3}
Features of Frequencies	60Hz-20kHz (audio)	
Number of channels	Stereo 2ch. (audio playback, LINE IN recording, FM radio playback and recording) Monaural 1ch. (for voice recording)	
Output terminal	Headphone (stereo mini jack) x 1	
Input terminal	LINE IN (stereo mini jack) x 1	
Input and output terminal	USB2.0/1.1 x 1 (Mass storage version)	
Maximum output	Headphone 7mW + 7mW (32Ω, JEITA/DC)	
Power source	AAA Battery x 1	
Continuous playback time	Maximum approx. 17 hours (when playback audio) ^{*4}	
Dimensions	50mm (W) x 50 mm (H) x 15 mm (D) (Including extrusion part)	
Mass	Approx. 30g (not including a single AAA battery) and approx. 42g (including a single AAA battery)	
Provided accessories	USB cable, audio cable, CD-ROM (USB driver for Windows 98SE), headphones, a neck strap, a single AAA battery x 1 (to confirm operations)	

*2: Installation of a USB driver using a provided CD-ROM is necessary for Microsoft® Windows® 98SE.

*3: When a song is estimated 4 minutes long of a WMA file at a bit rate of 64kbps.

*4: When playing MP3 files with a bit rate of 128kbps and sampling frequency of 44.1kHz. (When the backlight is off and an equalizer is in a normal mode).

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