

X9 用户说明书

引 言

本手册为您系统地介绍了如何使用、使用技巧以及注意事项。请在使用前，仔细阅读本手册，以便您快速正确地掌握使用方法。

本公司只对产品本身存在的问题负有保修和维修的责任；对因操作不当、自行维修和其他异常情况导致硬盘或资料损失，以及由此产生的其他影响，本公司不予负责。

为了不断的改进产品功能和性能，因此本公司保留对本手册中所描述的产品进行改进而不预先通知的权利。

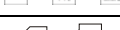
产品规格

重量	250克
电源	内置：3.7V 锂电池（1200mAh） 外置：100 ~ 240V电源适配器
文档系统	FAT12/16/32
下载端口	USB2.0/USB1.1
支持记忆卡	Compact Flash Card type I/type II (CF); Secure Digital Card (SD/Mini SD); Memory Stick (MS/MS Pro/MS Duo); Multimedia Card (MMC); XD-Picture Card (XD); Micro Drive
支持操作系统	Windows98SE（需要驱动） Windows/Me/2000/XP/（不需要驱动）
放置温度	-40 ~ 60 ℃
操作温度	0 ~ 45℃
相对湿度	90%
所含附件	BP-56 1200mAh 高能锂电池，电源适配器，USB线，说明书，保修卡、驱动光盘、螺丝刀

产品使用说明：

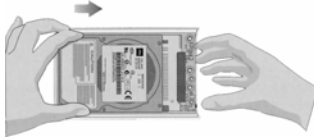
●功能键说明

主机面板上的显示屏可实时显示硬盘剩余容量，文件拷贝进度及各种数码卡的类型。
指示灯用来显示充电状态：充电时为红色，充满电后自动转变为绿色。

符号	名称	功能
	触摸电源键	电源开/关键（按下保持2秒以上开关机）
	触摸复制键	按此键系统会将数码卡中数据复制到内置硬盘中
	CF、MD卡接口	CF I /CF II，MD卡请插入此口
	MS/MS Pro/SD， MMC卡接口	MS/MS Pro，XD，SD，MMC卡请插入此口
	MS Duo/MiniSD卡接口	MS Duo，MiniSD卡请插入此口
	USB接口	与电脑连接
	电源接口	与充电器连接

●安装硬盘

1. 将产品底盖的四个螺丝钉取出；
2. 打开底盖；
3. 先用左手夹住硬盘两侧，并用力将硬盘插入电路板上的IDE接口，同时用右手顶住右侧电路板（硬盘IDE针一定要与产品对齐后才可插入）；



4. 最后上好底盖，并固定好产品的四个螺钉，这样整个硬盘安装过程就完成了。
- 警告：为了防止静电对电路板的损坏，请您不要用手触摸电路板其控制芯片！

硬盘的分区和格式化

1. 新硬盘装入产品后与电脑连接（详情参考下一章“与电脑连接”）；
 2. 打开“我的电脑”中会发现三个“可移动磁盘”，这是数码卡的接口图标，数码伴侣内置硬盘因没有分区而无显示；
- 在 Windows98/Me 下，使用 Fdisk 工具，选定移动硬盘后进行分区操作。然后在“我的电脑”中将各个分区格式化为 FAT32 分区。
 - 在Windows2000/XP下，鼠标右击“我的电脑”选择“管理”，然后选择“磁盘管理”，能看到除了电脑内置硬盘还有 USB移动硬盘，然后对该硬盘按正确方法分区格式化即可。

备注：本产品不支持NTFS文件系统，请在格式化硬盘时选取FAT32！

驱动程序的安装

WindowsMe, WindowsXp, Windows2000 SP3+, MacOS 10, Linux2.4以上不用安装驱动。

- Mac8.9-9.x

请用Drivers\MacOS 8.9-9.x目录下的驱动。

- Windows98

连接上电脑后会出现“找到新硬件”提示，选定“从软盘安装”，指定光盘：\Drivers\Windows98路径，即可完成安装。

- Windows2000

对于没有安装SP3以上版本服务包的Windows2000，电脑不能识别多个卡，需要升级驱动。数码伴侣连接电脑后，进入“设备管理”打开“通用串行总线控制器”，双击“USB Mass Storage Device”，进入“驱动程序”，选择“更新驱动程序”，选择“从软盘安装”，指定光盘：\Drivers\Windows2000路径即可完成安装驱动。

与电脑连接

1.用USB线把产品与电脑连接在一起，并按“电源键”打开电源。此时数码相机伴侣的LCD左下部将会出现USB符号,证明已与电脑正确连接：



2.电脑会自动识别出三个可移动磁盘及若干个新硬盘（新硬盘的多少取决于您对数码伴侣内置硬盘分区的个数），这样您就可以与电脑交互数据了。当然您也可以把数码伴侣做移动硬盘使用！

警告：当要断开产品与电脑的连接时，一定要以安全模式退出，否则会有有一定的几率丢失数据！

请按照下面步骤操作：

- WINDOWS98/ME下

1. 停止对产品一切读/写操作, 关闭所有WINDOWS窗口
2. 通过关闭产品电源或拔除USB线的方式，断开与电脑的连接。

- WINDOWS2000/XP下

1. 停止对产品一切读/写操作，关闭所有WINDOWS窗口
2. 点击电脑右下角的“插入设备”图标，选取“安全删除……驱动器”；
3. 系统提示“安全的移除设备”时，您就可以通过关闭产品电源或拔除USB线的方式，断开与电脑的连接了。

进行数码卡复制

1. 按“电源键”开启电源，数码伴侣的LCD显示屏右上角会出现“HD”标志，表示硬盘已经安装好，该图标下角的“×× GB”表示硬盘的剩余空间；LCD屏幕右下角的图标为电池容量指示。



2. 将需要转储复制的数码卡插入到数码伴侣上所标示的对应卡槽里。数码卡插入正确后，LCD上方会显示数码卡的类型，如“CF”，“SM”，“SD”，“MS”等字样。左下方为该数码卡已使用的容量。



“CF”- CF I 卡或CF II 类微硬盘

“SM”- XD 卡

“MS”- MS 卡、MS Pro 卡或MS Duo 卡

“SD”- SD 卡、Mini SD 卡

“MMC”- MMC 卡

3. 按“复制键”，数码伴侣会自动将数码卡的所有内容备份到硬盘。并在LCD屏幕上显示拷贝的百分比进度，同时，该卡

的标识符合会不时地闪烁。



当显示100%时, IMAX进度条消失, 复制过程结束。此时数码卡上的内容仍然保留。如需清空, 可在所使用的数码相机上操作。

4. 按“电源键”关闭机器，或者一分钟无操作自动关闭。

备注：

- 1. 每次复制，数码伴侣都会在硬盘上新建立一个目录，存放新复制的文件，不会覆盖以前的内容。
- 2. 在复制过程中，用户按“电源键”不能关闭机器，这样有效防止误操作而对硬盘造成破坏。
- 3. 在复制过程中，用户拔出数码卡，机器会提示读卡错误，卡标识符中间出现一个“×”的符号，需重新开机才可开始新的复制过程。
- 4. 第一次复制时系统会在硬盘的第一个FAT/FAT32分区下建立一个CARDS目录，然后根据要复制的存储卡类型建立一个新的子目录，将整个数码卡上的所有文件（包括整个目录结构）复制到该子目录下。
子目录的命名规则是：2个字母加4数字，前面两个字母表示数码卡的类型，分别为：
CF-表示CF卡或Microdrive微硬盘
SM-表示XD卡
SD-表示SD卡或MMC卡或Mini SD卡
MS-表示MS或MS Pro卡或MS Duo卡
后面的4个数字0001-9999是递增的序号，每次复制都会自动生成序号。用户可以随意删除CARDS目录下的目录。

电池使用与维护

为了使电池达到最佳的性能，建议您在使用新电池（或几个月没有使用的电池）前，请用电源适配器至少对它充电7

小时，但不要超过24小时。

备注：

1. 新电池需经过几次充电和放电的过程，才能达到最佳性能；
2. 当产品充电3小时左右后会自动断电。

请用专用电源适配器为电池充电

1. 把电源适配器与产品电源接口连接好；
2. 将电源适配器插头插入AC220V主电源插座；
5. 这时充电指示灯发红光，当电池充满电后系统会自动切断充电电源，指示灯变绿色。

通过USB端口对电池充电

1. 将数码伴侣与电脑通过USB延长线连接好；
2. 这时充电指示灯发红光，当电池充满电后系统会自动切断充电电源，指示灯变绿色。

关于错误提示

IMAGE TANK数码伴侣具有良好的容错功能及友好的用户界面，任何提示都会显示在LCD屏上，能够帮助用户迅速判断故障的类型及解决办法。以下对其错误提示进行说明：

1. 硬盘标识符中间出现“？””，如图：

并且容量部分会显示“00GB”，这表明数码伴侣内置的硬盘空间已满，这时应进行删除以腾出空间。

2. 硬盘标识符中间出现“？””，但没有显示容量“00GB”，则表明数码伴侣无法正确识别到硬盘。这可能是硬盘有故障或者硬盘没有正确分区及格式化（应格式成FAT16/FAT32）而不能使用。

3. 数码卡标识符上出现“？””符号，如图：，则表明可能卡因为兼容性的问题或卡本身有损害不能使用，这时，请与数码卡的经销商及本产品经销商联系。

如果数码卡在复制过程中出现上述错误的提示，或者出现死机现象（可能是卡有错或卡拔出了），请先关机，重新

开机后进行复制。

相关的错误代码：

0 -- 数码卡拔出

1 -- 卡或硬盘未格式化

2,3 -- 卡读准备错

4 -- 卡读超时错

5 -- 卡读其他错误

6 -- 卡读完成有错

7 -- 卡读过程中错

12,13 -- 硬盘写准备错

13 -- 硬盘写过程中错

14 -- 硬盘写超时错

15 -- 硬盘写其他错

22,23 -- 硬盘读准备错

24 -- 硬盘读超时错

25 -- 硬盘读其他错误

26 -- 硬盘读完成有错

27 -- 硬盘读过程中错

89,90,91--硬盘或CF卡启动错

出现上述错误提示后，请关闭电源并重新开机后便可继续使用。

Introduction

This guide shows you how to use and set up your photo bank. Please read it carefully before operating the unit for you can exactly understand the using skill.

We repair the damaged goods not caused by users, Body cases are not included in repair. But the case of much damaged ones that cannot repair is exceptional. This warranty does not cover damage due to accident, misuse abuse or negligence and it doesn't to extend to any modification, conversion and alteration.

In order to improve the function and capability of our products, we reserves the rights to improve it without notice.

Product Specification

Weight	250g
Power	Internal: 3.7V lithium battery (1200mAh) External: 100 – 240V AC adapter
Document System	FAT12/16/32
Downloading Connector	USB2.0/USB1.1
Supporting Memory Card	Compact Flash Card type I/type II (CF); Secure Digital Card (SD/Mini SD); Memory Stick (MS/MS Pro/MS Duo); Multimedia Card (MMC); XD-Picture Card (XD); Micro Drive
Supporting Operating System	Windows98SE (driver needed) Windows/Me/2000/XP/ (driver not needed)
Storage Temperature	-40 ~ 60 °C
Operating Temperature	0 ~ 45°C
Relative Humidity	90%
Included Accessories	BP-56 3.7V lithium battery (1200mAh), AC Adaptor, USB cable, user manual,

	warranty card, driver CD, screws
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Product Usage Manual

● **Functional key explanation**

Front control panel can display real time hard drive capacity, document copying progress, and the type of digital card in use.

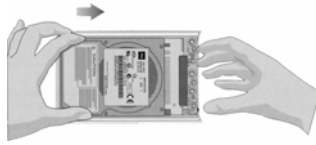
The light indicates charging status: red while charging, turn to green as fully charged.

Symbol	Name	Function
	Power switch	Power On/Off Switch (press 2 seconds to turn on/off)
	Copy Key	When pressed, system will copy from digital card to internal hard drive.
	CF, MD Card Connector	Insert here CF I / CF II, MD Card
	MS/MS Pro/MS Duo, SD, MMC Card Connector	Insert here MS/MS Pro, XD, SD, MMC
	MS Duo/MiNi Card Connector	Insert MS Duo/MiNi Card
	USB Connector	Connect to computer
	Power Outlet	Connect to AC adaptor

	Connector	
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●Hardware Installation

1. Take out the four screws on product bottom cover;
2. Open bottom cover;
3. Hold both sides of hard disk using left hand, plug the hard disk into the IDE connector on circuit board, and at the same time use right hand to push on right side of circuit board (hard disk IDE has to align with product before inserted)



4. Put on cover, and secure the four screws to finish hard drive installation.

Warning: to avoid damage to circuit board by static, please do not touch circuit control chip by hand!

Hard Drive Segmentation and Formatting

1. After product is installed, connecting hard disk to computer (please refer to next chapter “connecting to computers”);
 2. Open “My Computer” to find three “Removable Disk”, this is digital card connector display. Internal hard drive of Photo Bank cannot be shown before segmentation.
- With Windows98/ME, use Fdisk tool to choose removable disk to do segmentation. Then under “My computer”, format each segment to FAT32.
 - With Windows2000/XP, right click to choose “My computer” to choose “Manage”, then “disk management”. Both internal hard drive and USB removable disk will be shown. Apply appropriate segmentation and formatting

method.

Note: This product does not suppose NTFS document system; please choose FAT32 while segmenting hard disk.

Driver Installation

Do not need to install driver if using: WindowsMe, WindowsXP, Windows2000 SP3+, MacOS 10, Linux2.4 or above.

●Mac8.9-9.x

Please use driver under Drivers\MacOS 9.0-9.x

●Windows98

After connected to computer, “new hardware found” will be shown, choose “install from floppy disk”, chose: \Drivers\Windows98 route to complete installation.

●Windows2000

For Windows2000 without SP3 or above service package, the computer cannot recognize multiple cards, and thus need upgrade driver. After Photo Bank is connected to computer, go to “system management”, open “Universal Serial Bus Controller”, double click “USB Mass Storage Device”, click on “driver”, choose “update driver”, then “install from floppy disk”, appoint route: \Drivers\Windows2000 to complete installation.

Connecting to Computer

1. Use USB cable to connect the product to computer, press “power switch” to turn on power. USB symbol will appear on the right bottom of LCD of Photo Bank, which indicate the connection to the computer.



2. Computer will automatically recognize three removable disks and a number of new hard disk (the number of new hard disk depends on the number of internal hard disk segmentation of your Photo Bank). Now you can exchange data with computer. Photo Bank can also be used as a removable disk.

Warning: when disconnecting the product from the computer, safe mode must be used to exit; otherwise data might be lost!

Please process as follows:

- WINDOWS98/ME

1. Stop any reading/writing operation and close all windows.
2. Turn off product power or disconnect USB cable to disconnect from computer.

- WINDOWS2000/XP

1. Stop any reading/writing operation and close all windows.
2. Click on “hardware insert” icon and choose “unplug or eject hardware” ;
3. When the system indicates “safely remove hardware”, you can turn off product power or disconnect USB cable to disconnect from computer.

Digital Card Copying

1. Press “Power Switch” to turn on power, the “HD” symbol will appear on the right upper corner of the LCD screen of Photo Bank to indicate hard disk is installed. The “xxx GB” signal under the symbol indicates unused storage of hard disk;



2. Insert digital card needed to be copied to the corresponding slot on Photo Bank. After the digital card is inserted correctly, the type of the card, such as “CF”, “SM”, “SD”, and “MS”, will be shown on the top of LCD. Storage already in use will be shown on the right bottom corner.



“CF”- CF I Card or CF II type mini hard disk

“SM”- XD Card

“MS”- MS Card or MS Pro or MS Duo Card

“SD”- SD Card or Mini SD Card

“MMC”- MMC Card

3. Press “Copy Key”, Photo Bank will automatically copy all content of the digital card to hard disk. The progress of copying will be shown as a percentage on LCD screen, at the same time, the card reader signal will flash.



When 100% is shown, the IMAX indicator bar will disappear, and copying process is finished. The content is still saved on the card, which can be emptied by operating on the digital camera.

4. Press “Power Switch” to turn off, or the device will be turned off automated after idle for one minute.

Note:

1. Every time a copying task is done, Photo Bank will setup a new directory on hard disk to store newly copied document without overwriting any existing data.
2. During the process of copying, to avoid misuse and damage to hard disk, the device cannot be turned off by pressing the power key
3. During the copying process, if user unplug digital card, the device will indicate card reading mistake by showing a x sign in the middle of card reading symbol . Need to restart to start copying process again.
4. When copying for the 1st time, the system will setup a CARDS directory under the 1st FAT/FAT32 sub directory, then setup a sub directory according to the storage card type that is being copied, and copy all document (including the entire directory structure) on the digital card under this sub directory.

Sub directory naming rule: 2 letters plus 4 digits, where the 2 letters in front indicates digital card type as:

CF-indicate CF card or Microdrive mini hard disk

SM-indicate XD card

SD-indicate SD card or MMC card or MiNi SD card

MS-indicate MS or MS Pro card or MS Duo card

The 4 digits in the end are serial numbers from 0001-9999. With each every copying job the number will automatically adds one. User can delete sub directories under CARDS.

Battery Usage and Maintenance

In order to achieve the best performance, before use the battery for the 1st time(or after a few month unused), please charge for at least 7 hours, but no more than 24 hours.

Note:

1. A new battery needs a few times of charging and releasing to achieve highest performance level.
2. When product is charged for 3 hours it will automatically disconnect charging.

Please use appropriate AC adapter to charge the battery

1. Connect AC adapter to product power outlet connector;
2. Plug in AC adapter to AC220V electric outlet;
3. Charging light will flash red light; when battery is fully charged the system will disconnect power automatically, and the light will turn to green.

Charging Battery via USB Port

1. Connect Photo Bank to computer using USB extension cable;
2. Charging light will flash red light; when battery is fully charged the system will disconnect power automatically, and the light will turn to green.

Error Indicator

IMAGE TANK Photo Bank has a fair error tolerance function and user-friendly display. Error message will be shown on LCD screen to help user quickly detect error type and solution. The followings are explanations of error indication:

1. Hard disk symbol appears “?” as: 

and storage bar shows “00GB” indicate internal hard disk of Photo Bank is full. Storage spaces need to be obtained by deletion of data.

2. Hard disk symbol appearing “?” but storage bar is not showing “00GB” means Photo Bank cannot recognize hard disk, which can be caused by incorrect segmentation or formatting (should be FAT16/FAT32) and thus cannot be used.

3. Digital card reader symbol appearing “?”, displayed as  , means card cannot be used due to damage or incompatibility. In this case, please contact digital card retailer and this product's retailer.

If digital card shows the above error messages during copying or freezes (might be caused by card error or eject), please turn off first, restart and then copy again.

Relative error code:

- 0 – digital card unplugged
- 1 – card or hard disk not formatted
- 2,3 – card reading error
- 4 – card reading time out error
- 5 – other card reading error
- 6 – card reading completion error
- 7 – card reading process error
- 12,13 – hard disk writing preparation error
- 13 – hard disk writing process error
- 14 – hard disk writing time out error
- 15 – other hard disk writing error
- 22,23 – hard disk reading preparation error
- 24 – hard disk reading time out error
- 25 – other hard disk reading error
- 26 – hard disk reading completion error
- 27 – hard disk reading process error
- 89,90,91 – hard disk or CF card starting error

When the above error messages are shown, please turn off power and restart to continue use.

联系驰能公司

为了能帮助 IMAX 快速地回答你的问题，在你给我们的客户服务中心打电话或发邮件时请你务必将你的产品型号，序列号，固件版本和你的联系信息告知我们。产品型号和序列号位于你的 X9 机身的后面。

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免费电话：800-810-1556

24 小时热线：010-51661057

电子邮件：support@imax.com.cn

投诉建议：ccc@imax.com.cn

CONTACT IMAX

To help IMAX promptly answer your questions, please have your product's model number, serial number , firmware version , and your contact information when you call / send a mail to Customer Service. The S/N and model number are on the back of your X9.

Beijing Chinengshiji Technology Development Co.,Ltd

www.imax.com.cn

Tel: 800-810-1556

24H hotline: +86-10-51661057

E-mail: support@imax.com.cn

Advice: ccc@imax.com.cn