

Video Recorder Ball Cap

With Integrated MP3 Player and Bluetooth Headset

User's Guide

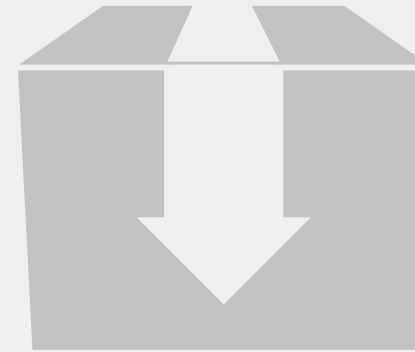


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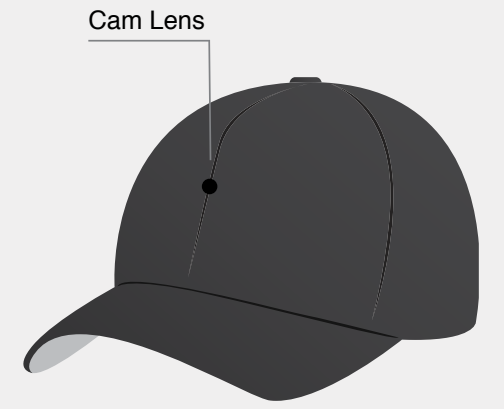
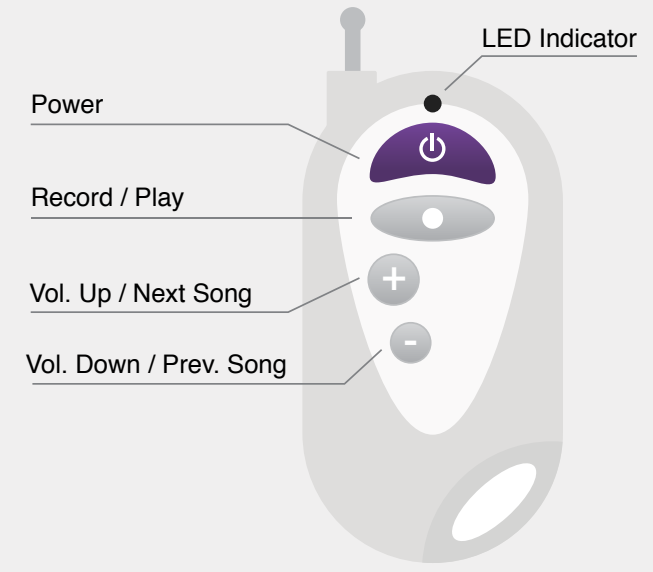
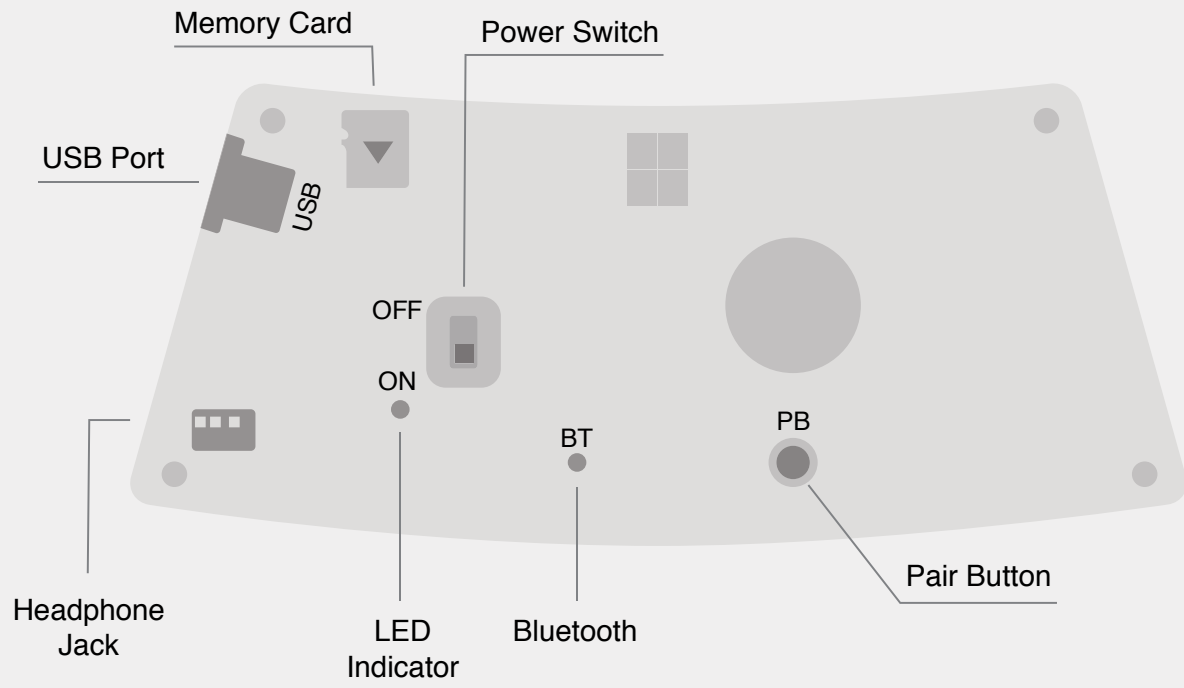
The Video Recorder Ball Cap

is a simple-looking baseball cap with a built-in, remote-operated video recorder, MP3 player, and bluetooth receiver that functions as a headset for your phone. All files are recorded to a micro SD card for playback on a PC.



In the Box

In the box you will find the Video Recorder Ball Cap, a remote control, a set of earbuds with integrated microphone for use with the MP3 and Bluetooth functions, a USB cable, and a manual.



Getting Started

The first step in using your device is to charge it. The device should be charged using the included USB cord by connecting it to a computer. While charging, the yellow LED will blink steadily, and go solid once full. Recommended charging time is about 6 hours before first use.

Before inserting a micro SD card, make sure the card is formatted correctly. The device can record in the FAT 16/32 format. If you aren't sure how to format an SD card, you can find instructions here: http://www.ehow.com/how_2112408_format-memory-card.html. The Video Recorder Ball Cap is compatible with micro SD cards up to 4GB capacity. Once it has been formatted, insert the micro SD card in the memory card slot on the device with the gold contacts facing away from you. When secure, you will feel the card "click" into place. To remove the card, simply push on it and it will spring out.

Once you have the device charged, you will want to pair the remote control with the recorder. Switch the Power switch to the ON position, hold down the Power button on the remote control, and press the PB button on the DVR panel. It may take a few seconds, but the device will vibrate to indicate it is powered on, and the power indicator LED will glow yellow. Once the remote is paired, you will only need to hold down the Power button on the remote for 3 seconds to power the device on. To power the device back off, hold down the Power button for 3 seconds again. If the power level gets too low, the device will vibrate twice and power off to protect your files.

After a few minutes in Standby mode without receiving any commands, the device will vibrate to indicate it is powering itself off in order to save power.

Wait 10 seconds after turning the device on before giving it any commands through the remote to allow the device to boot completely.

Recording Video

Recording video is simple. From Standby mode, hold down the Record/Play button on the remote for about 3 seconds. The DVR board will vibrate twice to indicate that it is recording video. To stop recording, simply press the Video/Play button for another 3 seconds and the DVR board will vibrate once to let you know it has saved your file and returned to Standby mode.

Viewing Recorded Files

To view your files on a computer, simply connect the device via the supplied USB cord with the micro SD card properly inserted into the device. It will connect as a removable drive, and depending on the settings on your PC, it may automatically notify you that new hardware was detected. If so, select Open Folder to View Files.

If the device is not automatically detected, click Start on your desktop. Select My Computer if you are using Windows XP, or Computer if using Windows Vista or Windows 7. The device should be listed as a Removable Disk under the Devices With Removable Storage section. Open that drive, which will contain a folder labelled VideoRecord. This folder contains your videos.

If your media player has any problems opening recorded videos we suggest using VLC Player, which can be downloaded for free at <http://www.videolan.org>. When disconnecting your device from a computer, always be sure to use the Safely Remove Hardware utility in Windows.

Loading Music to the MP3 Player

To load music to the MP3 player, use the same steps as above to open the device as a removable drive. Open the folder labeled "Music". You can drag and drop, or use the "Send To" command in Windows to move music files in MP3 or WMA format. When moving files, be sure to put them directly into the "Music" folder and not put them in any subfolders.

Playing Music

Insert the earbuds into the DVR board. With the device in Standby, press the Record/Play button. To stop playback, press the Record/Play button a second time and the DVR board will vibrate and return to Standby. If the device vibrates and immediately returns to Standby mode, it is unable to read or find any music files. Remember that you can only play music that has been loaded to the Music folder in the device's memory. It will not play music from an external device via Bluetooth.

To skip backward in your song list, press the + button and to skip forward press the - button.

To increase playback volume hold down the + button and to decrease volume hold down the - button.

Using the Bluetooth Headset

In order to use the bluetooth headset functionality of the Video Recorder Ball Cap, you must first pair it with your phone. To pair the headset, have the earbuds plugged into the DVR board.

Move the Power switch to the ON position.

Hold down the MFB button on the earbud wire for six seconds.

Hold down the BT button on the DVR board for 8 seconds, and the device's blue and yellow LEDs will alternate to indicate it is ready for pairing.

Search for Bluetooth devices from your cellular phone and pair with DB01. The password is 0000.

To power the Bluetooth receiver on or off, hold down the MFB button for 5 seconds. It should automatically connect to any mobile phone it is paired with. To answer an incoming call, press the MFB button. To redial the last number dialed, double-press the MFB button.

Setting Time and Date

Setting the time and date stamp on your device is easy. Simply create a .txt file on your computer and name it "systemtime". In that file you will enter the date and time in the following format: year-month-day hour:minute:second. (Ex. 2011-01-31 12:00:00)

Once you've created the file, connect the device to your computer via USB and save the .txt file to the device's root directory. When you connect the device to your computer, it will be assigned a drive letter (ex. C:, D:, E:). When you open that drive, you are in the root directory, or topmost level of the drive.

After you have loaded the file, safely disconnect the device from your computer, turn the device on and off, and the time and date you loaded should now appear on any new videos you record.

Basic Specifications

	Video	Music	Bluetooth
Resolution	640 x 480	X	X
File Format	MPEG-4	MP3/WMA	X
Battery Life	120 minutes	240 minutes	25 hours talk time

Troubleshooting

Problem:	As soon as I power the device on, it vibrates and the lights immediately go out.
Solution:	Check the micro SD card. This problem occurs when the device is unable to write to a memory source. Make sure it is inserted correctly and properly formatted.
Problem:	The device is “stuck” with the LED light on and is not responding to any buttons.
Solution:	This issue occurs most commonly when the device is given too many commands too quickly. This can cause it to freeze up. If this occurs, power the device off by moving the switch to the OFF position to force the device to power down.
Problem:	The device is not responding to any commands from the remote control.
Solution:	This problem may be caused by the remote needing to be re-paired. Simply hold down the Power button on the remote until you feel the DVR board vibrate. If this does not work, the battery in the remote may need to be replaced.
Problem:	When I try to record, the device vibrates shortly and immediately returns to Standby mode.
Solution:	This happens when the micro SD card has less than 1 MB of remaining memory. Delete some files to create space or replace your card.

Glossary

Bluetooth:	Bluetooth is a technology allowing wireless digital communication between electronic devices. The most common application for Bluetooth is as a method of communication between wireless headsets and cellular phones. To learn more about Bluetooth visit www.bluetooth.com/
DVR:	Short for Digital Video Recorder; this abbreviation refers to any device capable of recording and saving a digital video file. This is the high-tech equivalent of a VCR.
GB:	GB is short for gigabyte which is a unit used to measure computer storage capacity and is approximate to 1.07 billion bytes. 1 Gigabyte of data is almost twice the amount of data that a CD-ROM can hold. Additionally, 1 Gigabyte could hold the contents of about 10 yards of books on a shelf.
LED:	An abbreviation for “light emitting diode,” it’s an electronic device that lights up when electricity passes through it. LEDs are good for displaying images because they can be relatively small, and they do not burn out. However, they require more power than LCDs.
Micro SD Card:	Micro SD cards, also known as TransFlash, are smaller versions of SD memory cards. As electronic devices are becoming smaller, Micro SD cards are becoming more and more common in the marketplace. Currently, the highest capacity of micro SD card is 32GB.
MP3:	MP3 is an audio file format.
Root Directory:	A root directory is the first directory on a drive or disk. For example, when connecting a removable drive to a Windows computer, it will be assigned a drive letter (ex. C:, D:, E:). When opening that drive, the first window listing the contents of the drive is the root directory.
USB Port:	A USB port is a standard cable connection interface on personal computers and consumer electronics. USB ports allow stand-alone electronic devices to be connected via cables to a computer. USB can connect computer peripherals such as mice, keyboards, PDAs, gamepads and joysticks, scanners, digital cameras, printers, personal media players, flash drives, and external hard drives.