

Handy Video Recorder
Q3



- SD / SDHC Card Slot
- TV Output Jack
- USB 2.0 Hi-Speed cable
- XY Stereo Microphones
- 2.4-inch QVGA LCD Screen
- VGA CMOS Lens
- Reference Speaker
- PLAY Key
- MENU Key
- DELETE Key
- REC Key
- Transport Keys
- Tripod Mount
- Battery Cover
- Power Switch
- MIC GAIN Switch
- MOVIE / AUDIO Switch
- PHONES / LINE Output Jack
- DC5V Jack
- Strap Attachment Hole

► Q3 SPECIFICATIONS

Recording Media	SD memory card(16MB—2GB), SDHC memory card(4GB—32GB)
Image Sensor	VGA CMOS sensor
Focal Length	0.8m to infinity
Video Compression	MPEG4-SP
Video Resolution	640 x 480 pixels(VGA)
Video Format	MOV
Frame Rate	30 frames/sec
Audio Format	PCM (Quantization:16/24bit, Sampling Frequency:44.1/48/96kHz) MP3 (Bit Rate:48/56/64/80/96/112/128/160/192/224/256/320kbps) *96kHz sampling is not available in Movie mode.
Functions	Lo-cut filter, Auto REC level, 2x digital zoom
LCD Screen	2.4-inch QVGA
Built-in Mic	120-degree X/Y stereo
Built-in Speaker	Monaural, 400mW 8Ω
Phones / Line Output	1/8" Stereo phone jack
TV Out	NTSC/PAL compatible, Stereo audio
USB	USB2.0 High speed compatible, Mass storage class operation
Power Requirements	2 x AA battery(Alkaline / Ni-MH), AC adaptor(DC5V/1A/center positive)
Battery Life	2 hours(Movie mode), 4 hours(Audio mode)
Dimensions	55(W) x 132.5(D) x 32(H)mm
Weight	130g(without batteries)

► Q3 Maximum Recordable Time

Movie Mode

Data Format	SD/SDHC Card Capacity				
	2GB	4GB	8GB	16GB	32GB
MP3 128kbps	1hrs 4min.	2hrs 8min.	4hrs 17min.	8hrs 35min.	17hrs 10min.
MP3 320kbps	1hrs 1min.	2hrs 3min.	4hrs 6min.	8hrs 12min.	16hrs 24min.
PCM 16bit/44.1kHz	49min.	1hrs 38min.	3hrs 16min.	6hrs 33min.	13hrs 6min.
PCM 24bit/48kHz	42min.	1hrs 24min.	2hrs 48min.	5hrs 37min.	11hrs 14min.

*Recording times are approximations. *The maximum file size is limited to 4GB.

Audio Mode

Data Format	SD/SDHC Card Capacity				
	2GB	4GB	8GB	16GB	32GB
MP3 128kbps	34hrs 43min.	69hrs 26min.	138hrs 53min.	277hrs 46min.	555hrs 33min.
MP3 320kbps	13hrs 53min.	27hrs 46min.	55hrs 33min.	151hrs 6min.	342hrs 13min.
WAV 16bit/44.1kHz	3hrs 8min.	6hrs 17min.	12hrs 35min.	25hrs 11min.	50hrs 23min.
WAV 24bit/96kHz	57min.	1hrs 55min.	3hrs 51min.	7hrs 42min.	15hrs 25min.

*Recording times are approximations. *The maximum file size is limited to 2GB.

► "HandyShare" System Requirements

- Windows**
Intel Pentium4 2.0GHz or faster
Windows XP SP2 or later : 512MB RAM or more,
Windows Vista : 2GB RAM or more
- NetBook**
Atom 1.33GHz or faster
1GB RAM or more
Windows XP SP2 or later / Vista (XP recommended)
- Macintosh**
PowerPC G4 1.2GHz or faster,
Intel Core Duo 1.6GHz or faster
512MB RAM or more
OS X 10.4.11 / OS X 10.5.6 or later

*USB 1.1/2.0 compatible port
*800 x 600 monitor resolution or more



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► Included Accessories



SD card (2GB) Windscreen AV cable Soft pouch AA / LR6 Batteries (trial)

► Optional Accessories



AC adaptor (AD-14) Mic clip adaptor



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Sound makes the movie.



Q3 Handy Video Recorder





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Sound makes the movie.

Anyone who's ever experienced a film with great audio knows how vital sound is to the movie. The Q3 Handy Video Recorder brings our renowned audio technology to the camcorder, making it the best sounding video camcorder you've ever heard.

Quick Shooting
Shoot your videos with incredible stereo sound.

Quick Editing
Use built-in software to make movies on your computer.

Quick Sharing
Publish to all your favorite video sites or watch on your TV at home.

Brilliant Stereo Recording... Now on your videos.



The Q3 uses the same microphone capsules as our industry-leading H4n Handy Recorder and is perfect for recording anything where great audio and video are a must. From live musical performances and rehearsals, interviews, conferences to video podcasts, journalism, education, recitals, weddings or sports, the Q3's pristine audio quality takes your videos to another level.

Get Started Right Away

Designed with everything you need to make your movies right out of the box, the Q3 includes HandyShare software for editing, and a 2GB SD card for up to 1 hour of video recording time. And the Q3 will also accept up to 32GB SDHC cards for a staggering 16 hours of moviemaking!



*Video shooting time is based on audio quality setting of video at 320kbps MP3.



Cutting Room and Distribution included...

When your shoot is complete, the Q3's cleverly designed USB cable lets you upload your movies to your computer. Then use HandyShare to edit and share them on your favorite websites including YouTube, Facebook and MySpace. Or, plug in the included TV cable and watch your videos on television.

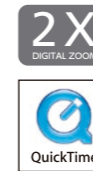


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Superb Video Quality

The Q3 supports QuickTime (MOV) format. With MPEG-4 SP compression in VGA size (640 x 480 pixel) at 30 frames per second, you can record very smooth video shots anywhere, anytime. Plus, integrated digital 2 times zoom function enables you to get up close and personal.



Built-in 2.4" LCD Screen and Speaker

The Q3's large, 2.4" LCD screen with a resolution of 320 x 240 makes viewing easy on the go. Its display also includes audio meters so you can quickly set and monitor your levels as you shoot. Additional data such as remaining recording time and remaining battery life are also accessible, and its built-in monitor speaker enables you to check video with audio right after shooting.

True Stereo Sound

The Q3 has two condenser mics on-board, engineered in the same X/Y pattern as the H4n Handy Recorder that gives recording pros the best stereo recording possible. Arranged with the right and left mics on the same axis, this design ensures that the mics are always an equal distance from the sound source for perfect localization without phase shifting. The result is a great sounding recording with natural depth and highly accurate stereo imaging every time... all at the touch of a button.



Q3 built-in mic image

Get Closer to the Action

The Q3's X/Y microphones are directional, so you can "focus" the mics on your sound source. Use the on-board audio meters to set the gain to Low, High or Auto so you can record in very loud or very soft environments. Or use the Q3's Auto Record Level function to automatically set the appropriate recording levels for the situation! Shoot your video with the confidence that the Q3 is capturing great audio at the absolute best level possible.



Go Shoot Outside.

With an on-board low-cut filter to reduce background noise and an included windscreen that prevents wind noise from being picked up by the Q3's highly sensitive microphones as a standard accessory, you can make movies with incredible audio clarity, even outdoors.

Sound Matters on YouTube

With the Q3, all your videos will sound like they were recorded in a professional studio. Ideal for shooting any kind of musical performance from jazz to classical to metal, solo to orchestral, the Q3 will make it fun and easy to shoot your music videos anywhere, anytime. The Q3 also makes it easy to share your videos with your friends on YouTube. Simply plug the Q3 into your computer, launch the onboard HandyShare software and select the videos you want to put on the web. And if your vision needs a few edits, you can use HandyShare to cut your movie before you share it with the world.



Reduce the Learning Curve

To play music better, seeing your performance can be almost as important as hearing yourself. With the Q3, you get both capabilities. Music educators and students alike will find a plethora of applications for the Q3 from the classroom to the practice room. Ideal for recording auditions or making video lessons available to students, the Q3's amazing stereo recording will capture every nuance while the video rolls. Use the Q3 on a microphone stand with our mic clip adaptor option, sold separately.



Dress Up Your Videography

The Q3 makes an excellent accessory for anyone who does videography as a full-time occupation or as a hobby. Imagine being able to use the Q3 for individualized video shoots of the bride and groom before a wedding. Or give a Q3 to everyone in the wedding party for personalized video clips. Capture the wedding music with ease. The possibilities are truly endless. And with pristine, focused audio, you'll never miss a moment, even in a noisy environment.



Make Your Own Sports Center

Have great seats? Every crack of the bat, swing of the club or bone-crunching tackle can be captured with amazing clarity... especially when you're close to the action. Capture the sights and sounds of the game from the little leagues to the big leagues.



Go Blogging Heads

It's never been more important for journalists and bloggers to be versatile in the field. Shoot "on the scene" video, edit and upload with ease, all with broadcast-ready audio. And because the Q3 has a standard tripod mount, you can put it just about anywhere for the perfect shot in any environment.



*A tripod is not included.

Turn On the Audio

The Q3 is the only portable camcorder that allows you to turn off the video and record audio only. As a high-quality linear PCM audio recorder, the Q3 supports audio recording at 96kHz / 24-bit resolution which is superior to CD quality. You can also record in MP3 format for handy uploading to your website or email.

Two AA Batteries... Standard

For added convenience, the Q3 includes two standard AA/LR6 batteries that give you about two hours of battery life with continuous video recording. Or use two AA-sized Ni-MH rechargeable batteries with dedicated charger, or an AC adaptor (option AD-14 sold separately).



A Little Bit of Video... A Whole Lot of Audio

A handy video recorder that's compact and portable, the Q3 lets you enjoy video from special events such as concerts, recitals, weddings, class plays, sporting events- literally anywhere that great audio makes the moment memorable. The Q3 puts a little bit of video and a whole lot of audio together in one quick and easy to use camcorder that lets you produce great movies on the go!



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