



MINOLTA 8 418E

- Ultra-Compact And Lightweight Design
- 8X Power Zoom With Macro
- Advanced Digital Signal Processor (DSP) And AI Control System
- Ultra High-Speed Variable Shutter Up To 1/10,000 Sec.
- Wireless Remote Control
- Built-In Character Generator

System Accessories

Standard Accessories

These accessories are included in the package of the Minolta 8 418E.

- AC Adapter/Charger VAC-400E* (EB)** (EA)*** • Battery Pack VBP-400 • AV Output Cord VOC-2 • Shoulder Strap VSS-3 • Remote Control Unit VP-IR410 • RF Output Adapter VRF-2E**** • AV Plug Adapter (PERI) VPA-1E*

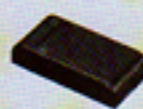
*For use in Continental Europe only **For use in United Kingdom only ***For use in Oceania only ****Optional Accessory in Continental Europe

Optional Accessories

These accessories are designed to enhance the versatility of the Minolta 8 418E and are optionally available.

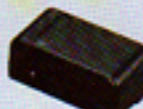
Battery Pack VBP-400

Permits continuous recording for up to 1 hour.



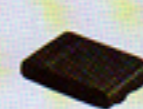
Battery Pack VBP-401

Permits continuous recording for up to 2 hours.



Alkaline Battery Housing VBH-400

Powers the camera/recorder with six AA-size alkaline cells.



Car Battery Cord VBC-400U

Powers the camera/recorder with your vehicle's battery.



Car Battery Adapter/Charger VBA-400U

Powers the camera/recorder or charges the battery pack with your vehicle's battery.



AV Stereo Output Cord VOC-3

Connects the camera/recorder to a stereo TV or VCR for editing. Usable with stereo equipment only.



AV Dubbing Cord VDC-400

Connects the camera/recorder to a VCR for synchronized editing of tapes.



Remote Controller VRC-2

Lets you operate the camera pause function of the camera/recorder from approx. 5m away.



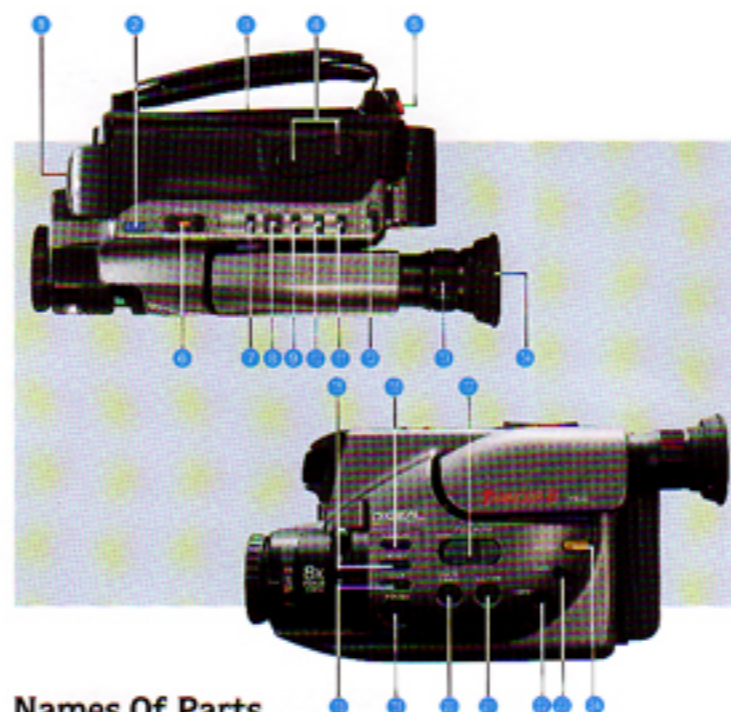
Shoe Bracket VSB-2

Used to attach accessories to the camera/recorder.



Compact Zoom Light VZL-400U

Provides more illumination when shooting in low light conditions. It is fitted with and powered by a battery pack, and can also be used with the Shoe Bracket VSB-2.



Names Of Parts

- 1 Microphone
- 2 Eject switch
- 3 Cassette holder
- 4 Power zoom buttons
- 5 Camera record button
- 6 Power VCR/Camera selector switch
- 7 Rewind button
- 8 Play button
- 9 Fast forward button
- 10 Stop button
- 11 Pause button
- 12 Battery release
- 13 Eyepiece adjustment
- 14 Electronic viewfinder
- 15 Counter-reset button
- 16 Display button
- 17 Full auto switch
- 18 Title button
- 19 Momentary autofocus button
- 20 Back light compensate button
- 21 Shutter speed select button
- 22 Fade button
- 23 Date/Time select button
- 24 Instant-review button

Specifications

- Format:** 8mm (8mm videocassette)
- Video signal:** PAL color & CCIR monochrome, 625 lines
- Tape speed:** 20.05mm/sec.
- Recording time:** 90 min. with P5-90 cassette
- Lens:** 6.7mm-54mm f/1.8 8X power zoom with macro; 43mm filter-thread diameter
- Focus:** Twin beam active-infrared autofocus; momentary autofocus and full manual focus also possible
- Iris control:** AI automatic back light compensation
- White balance:** AI automatic
- Shutter speed (sec.):** Digital, program autoexposure control: 1/50, 1/100, 1/250, 1/1000, 1/2000, 1/10000
- Image sensor:** 1/3-inch CCD
- Minimum illumination:** 4 lux
- Viewfinder:** Electric viewfinder with 2/3 inch black-and-white CRT
- Microphone:** Omnidirectional condenser type
- Data recording:** Month/day/year, hour/minute
- Power:** 6W
- Dimensions (W x H x D):** 112 x 114 x 174mm
- Weight (without battery pack):** 810 g

*Specifications and accessories are based on the latest information available at time of printing and are subject to change without notice.

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MINOLTA 8 418E

Minolta's new ultra-compact and lightweight 8mm camera/recorder with advanced Digital Signal Processor (DSP) and AI control system.





The advanced ultra-compact 8mm camera/recorder packed with digital technology for video excitement.

Now you can capture the special moments of your life in great videos with an 8mm camera/recorder that offers digital technology. The Minolta 8 418E. So ultra-compact, it fits in the palm of your hand. Yet it's packed with advanced features, including advanced Digital Signal Processor and AI (Artificial Intelligence) control functions. All designed to let you capture your world effortlessly in rich, true-to-life video recordings. And have plenty of fun doing it.

Advanced Digital Signal Processor (DSP)

Brilliant, true-to-life video pictures are nearly effortless with the Model 8 418E. The camera/recorder processes visual signals from the CCD by advanced Digital Signal Processor (DSP). This reduces the effect of noise and allows the recorded images to remain clear and true. So you can record beautiful color pictures just as you see them with your own eyes.

AI Control System

The Model 8 418E innovative AI (Artificial Intelligence) Control System with automatic white balance and iris gives you a new standard of natural color rendition and precise exposure in your videos.

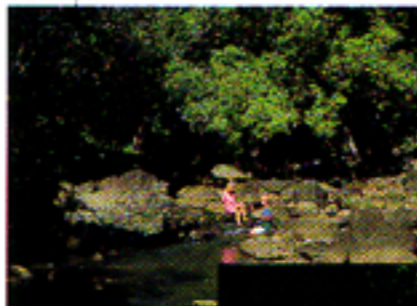
Ultra-Compact And Lightweight Design

The Model 8 418E offers the convenience of ultra-compact, full-featured video camera design. Lightweight and easy to hold in your hand, the camera/recorder slip nicely into a bag or briefcase. So it's easy to shoot great videos wherever you go.

All the features you could ever want for creating beautiful video pictures.

8X Power Zoom With Macro

The Model 8 418E lets you zoom up to a full eight times the normal image size in your video recordings for a new level of fun. It gives you the perfect range for telephoto shooting with a 6.7mm to 54mm f/1.8 power zoom lens with macro capability (approximately 48mm to 380mm in the 35mm format). So you can record images in sharp detail over a wide focal range. Two fingertip control buttons lets you easily adjust the zoom from wideangle to telephoto, and back.



Ultra High-Speed Variable Shutter Up To 1/10,000 Sec.

The Model 8 418E lets you choose any of five high shutter speeds, from 1/100, 1/250, 1/1000, 1/2000—all the way up to an ultra-fast 1/10,000 sec. that lets you capture even the fastest moving action with ease.



With a 1/10,000 sec. shutter speed. With a normal shutter speed.

Twin-Beam Autofocus

The Model 8 418E twin-beam infrared autofocus system provides ultra-sharp results for every image you record. Just turn on the camera/recorder, look through the viewfinder, and the Model 8 418E will continuously adjust focus while you shoot to keep your subject in crisp, clear focus.

Program Autoexposure

To assure you of the best exposure for all of your video recordings, the Model 8 418E program autoexposure automatically selects the fastest shutter speed between 1/50 and 1/250 sec. to prevent blurring and give you superior picture results under virtually any lighting conditions.



Wireless Remote Control

The Model 8 418E Wireless Remote Controller is a standard feature that lets you operate the camera/recorder wirelessly by remote control. Hands-free operation allows you to run the record, play, fast-forward and rewind functions from up to 6 meters away.



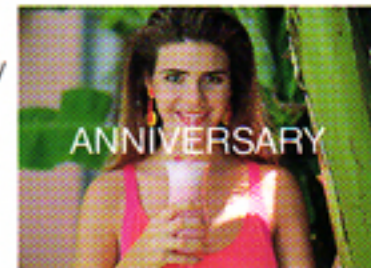
4 Lux Recording

The Model 8 418E solid-state CCD image sensor provides low light sensitivity down to 4 lux, ideal for indoor or evening recording. In addition, the CCD also ensures high resolution pictures and true-to-life color rendition with no after-image or burning.



Built-In Character Generator

You can add a more personal touch to your video with the Model 8 418E. A built-in character generator offers two pages with a maximum of 16 character memory that allows you to include a title or written reference in your recording.



Easy Operation

Even beginning video users will find the Model 8 418E extremely easy to use. All controls are clearly identified. Simply slide the Power VCR/Camera selector switch to CAM position, then press the camera record button to record. By sliding the Full auto switch to AUTO position, the camera/recorder's focus, iris, shutter and white balance become fully automatic.

Other Features

The Model 8 418E features **fade control** to let you automatically fade to and from white for professional-looking scene transitions. With **instant review**, you can view the last five seconds of the video you're recording. To give you the best recording and playback possible, the Model 8 418E include a **flying erase head** that provides smooth, glitch-free transitions between scenes and **camera search** for instant editing capabilities while you shoot.