InterView™

w/ Strata™ VideoShop

Capture it… play it…
then share it on any computer!

XLR8 by Interex

Installation and User Manual

InterView™

w/ Strata™ VideoShop

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XLR8 by Interex

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manual-USB-XIVN-B

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Preface

Thank you for choosing XLR8's InterView™ with Strata VideoShop. InterView is designed to provide both the novice and the expert an easy-to-use video capture and editing solution for standard QuickTime movie formats.

This package includes the InterView device and all the software you need to be up and running as quickly as possible. If you are on Mac OS 8.5 or 8.5.1 or previous versions, you will need to update to 8.6. This is available from Apple via the web. Handy update links are provided on the CD.

This manual is divided into primary sections to ease your set up and use of InterView.

Getting to know – A handy introduction to the package and the equipment supported.

QuickStart – For persons very familiar with the Mac and video, this section gets you up and running in minutes.

Installing the software – Detailed instructions on installing all the software components.

Connecting your InterView – Detailed instructions on most of the computer and device configurations.

Using InterView – Detailed instructions on using InterView for video capture (digitizing) and sharing.

Support & Reference – General support and trouble shooting information.

Designed for Macs with USB

InterView is designed for use on a Mac. This software package has been tested to provide exceptional performance and compatibility.

InterView supports:

Macs with USB cards
This includes PCI-based Power Macintosh and clones as well as PowerBooks that use a third-party USB card for their InterView device connection.

Macs with USB built in
This includes the newest translucent Power Macintosh G3 and PowerBook G3 with built in USB.

iMacs with USB built in
This includes all iMacs.

Getting To Know Your InterView Package

Your InterView package is comprised of a number of software components that work with the InterView device to create a complete video capture, editing and sharing solution.

This section provides information on:
- The parts of your package:
  InterView software
  Strata VideoShop software
  Additional enhancement software
  InterView device and audio adapters
- The types of Macs supported:
  Macs with USB cards
  Macs with USB built in
  iMacs with USB built in
- Types of video sources supported:
  Video from tuners
  Video from cameras and camcorders
  Video from tapes and disks

The parts of your package

The package itself is comprised of the InterView device with audio adapter, the InterView Software CD, Manual, and additional Strata-support software CDs (2).

Strata Videoshop software

This is the base application that is optimized for performance with InterView. As such, all instructions assume that capture and editing will be performed in Videoshop. InterView supports most standard QuickTime-compatible capture applications. Please refer to your software manufacturer for support and use information.

InterView software

These are the the system extensions and the base preference settings for using InterView on the Mac. It also includes the set-up and sharing utilities, InterReView and WebCleaner.

Enhancement utility software

This includes a variety of *optional* packages including:
- FTP Client 3.0 – a web transfer shareware
- Adobe Acrobat 3.0 – the PDF viewer software
- a link to download Apple Mac OS 8.6
- a link to download Apple QuickTime 4.0
- a link to update software via XLR8's web site
- Additional XLR8 driver software

InterView device and audio adapter

Video is connected to the InterView device via normal "RCA" (composite) video, or via professional "S-Video." Sound is connected by plugging the audio adapter into the Mac's microphone port; then connecting the standard "RCA" audio of the source (VCR, camera, etc.) to the free end of the audio adapter (video and sound cables are usually provided by the manufacturer of the source device - they are not included with InterView.)

InterView device

Types of Macs supported

InterView supports all USB-enabled Macs. Note that InterView is a "high bandwidth" USB device. It should be plugged directly into the USB source (card or built in), or into a self-powered hub.

Power Macintosh, PowerBook or clone with USB card

InterView can be used on Macs with USB cards, however users will need to get the latest USB drivers (1.2 or higher) from the manufacturer of their USB card. Earlier USB software does not support the state-of-the-art isochronous transfers used by InterView.

Note: Users with Interex's or XLR8's USB PCI card can use the 1.2 libraries in the "Enhancement Utility" folder. This is an encrypted file. Please call 800-513-9744 x333 for the password.

Power Macintosh G3 or PowerBook with USB built in

InterView transparently supports systems with built-in USB running Mac OS 8.6. Users can get the latest updates of 8.6 through the "Get Mac OS 8.6" link provided on the InterView CD.

iMac with USB built in

Like other new Macintosh systems, InterView is supported transparently on the iMac. You will need to update your system to the latest updates for firmware (1.2.x), and system OS (8.6). These are available through the link on the InterView CD.

Types of video sources supported

Your InterView device supports the widest array of video input sources possible. InterView is designed to provide the maximum flexibility for video capture. The only requirement is that your device is equipped with Video Out and Audio Out connections(if you want to record sound.)

InterView receives video from the Video Out connector on these devices using standard video extension cables:

- via the standard "RCA" composite video (yellow) connectors or
- via the professional "S-Video" connectors (black) on higher grade video equipment

It receives audio (sound) from the Audio Out connector on these devices using standard audio extension cables. The extension cable plugs into InterView's audio adapter, which in turn plugs into the Mac's microphone (sound in) port:

- mono sound via the standard "RCA" composite video left (white) connector or
- stereo sound via the standard "RCA" composite video left (white), right (red) connectors

Video from tuners

- DSS™, Dish™, RCA and other satellite tuners
- Cable tuner boxes and direct-from-the-TV's video out port

Video from cameras and camcorders

- Standard and digital video camcorders with video out support
- Only digital cameras which have direct video out support via RCA composite or S-Video

Video from tapes and disks

- VCRs, all varieties of camcorders, LaserDisc players and DVD

The InterView™ QuickStart

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This chapter provides information on setting up and running with InterView immediately. It is intended for users who are well versed in the Mac OS, and who understand the concepts behind video digitizing and transporting QuickTime formatted "movies."

This Chapter will instruct you on:

- Installing the software
- Connecting the devices
- Testing your connections
- Capturing your video
- Making movies
- Sending movies

Before you install

Verify that your system is ready for InterView with Strata VideoShop by completing this hardware and software checklist:

Hardware Checklist

❏ G3 running at 233MHz or above

❏ 100 MB unused hard drive space for applications and recording

❏ 20 MB of unused RAM for running VideoShop

❏ USB capability (for USB cards, Apple's 1.2 USB libraries or above is required)

Software Checklist

❏ Mac OS 8.6 or above

❏ Quicktime 3.0 or above

❏ For iMacs: the latest firmware updates

❏ For translucent G3's: the latest firmware updates

❏ Adobe Acrobat 3.0 or above for viewing pdf's

❏ Internet access (required for updating online)

❏ A suitable web file transfer utility (required for posting movies on the Web)

Note on firmware updates: When updating your firmware, the updates may inform you that your system does not need updating. This is okay since many systems are shipped with the latest updates.

The latest updates for InterView and USB software are available via XLR8's Web site at **http://www.XLR8.com/interview.** Assistance in updating to Mac OS 8.6 is available via **http://www.XLR8.com/8.6** or directly from Apple at **http://www.apple.com/macos.**

Installing the software

This release uses a separate software installer for InterView and VideoShop

• Also included are optional installers for FTP Client 3.0 shareware, QuickTime 4.0, Mac OS 8.6 update, XLR8 PowerPack, and Adobe Acrobat Reader

Note: On systems not yet running Mac OS 8.6, **you will need to update to 8.6 in order for InterView to operate**. This is a free update for systems running 8.5 and 8.5.1 and for all iMac users. Assistance is provided via the InterView CD's "Get Mac OS 8.6" folder located in the "Enhancements Software" folder. Users with versions prior to 8.5 can purchase Apple OS 8.5, then download the free 8.6 update via **http://www.apple.com/macos.**

1. Once you have confirmed that you're running OS 8.6 and the latest G3 firmware updates, open the **"First - VideoShop"** folder and run the Strata VideoShop Installer.

    • Follow the instructions in the installer to successfully install Strata VideoShop onto your hand drive.

    • Quit out of VideoShop, but do not restart your Mac.

2. Open the **"Second - InterView"** folder and run the installer. This will install the USB device drivers for the InterView device and set your Strata VideoShop preferences for using InterView. It will also create an "XLR8 Folder" containing useful information and software on your system drive.

    • Follow the instructions in the installer to successfully install the InterView software on your hard drive.

    • Restart your Mac.

3. If you desire additional performance and functionality, you can install the optional software located in the "Enhancement Software" folder which includes:

    • Acrobat Reader 3.0 for PDF viewing

• FTP Client 3.0 shareware

• QuickTime 4.0 for improved video performance

• XLR8 PowerPack software

• XLR8 DualPort USB PCI card extensions

• XLR8 Point&Scroll USB mouse extensions

• XLR8 Software updates

Each folder within the "Enhancements Software" folder contains an installer for the individual software utility.

Connecting the devices

XLR8's InterView is fully compatible with Mac USB. Since USB is a fully "hot-swapable"technology (you can unplug or re-plug anytime), it is easy to connect the device.

1. Connect InterView's USB connector to your Mac.

2. Connect a video source to one of InterView's video in sockets. You need to choose between using the standard RCA composite connector or the professional S-Video connector.

   Note: Since interView uses "female" connectors (like the video source), you will need to use the A/V extension cable which came with your video source.

3. Interview uses the microphone (sound in) port on the Mac for recording audio. Connect the InterView audio adapter to your Mac's microphone port.

4. Connect the audio source of your camcorder, VCR or tuner to the InterView audio adapter using the A/V cable that came with your video equipment.

5. You are now ready to test your connections.
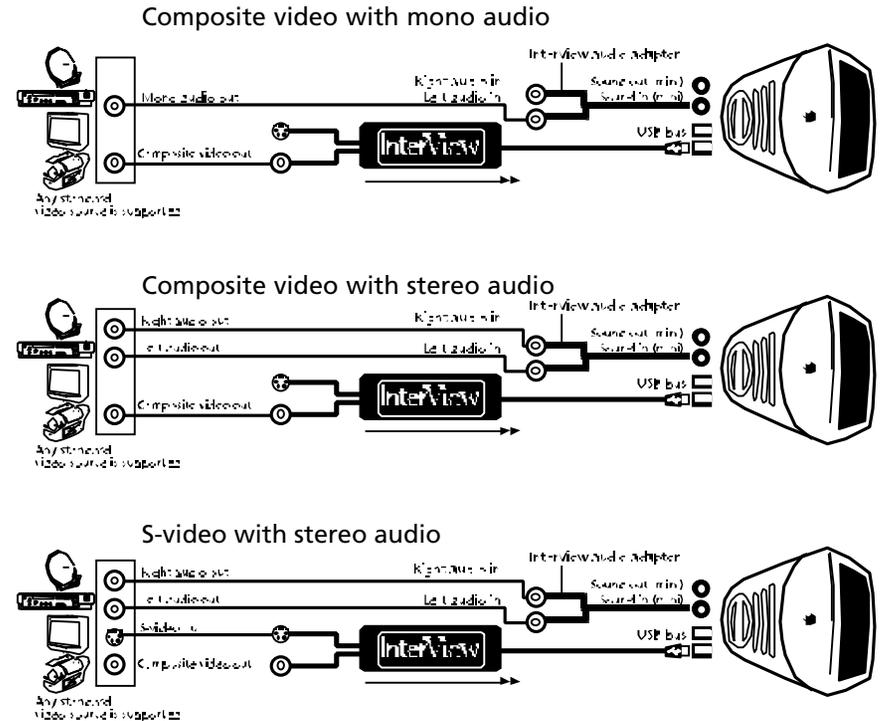
Composite video with mono audio

Composite video with stereo audio

S-video with stereo audio

Testing your set-up with InterReView™

Once the software is installed and the devices are connected, you are ready to test the connections. We provide a software utility (InterReView) that will check your set up and verify that all components are working correctly. This step is optional but recommended.

1. Launch and run InterReView. InterReView was installed into the "InterView" folder inside the "XLR8 Folder" on your system disk.

2. You are now ready to begin configuring your video. software.

Configuring your software

InterView can capture near real-time 320x240 NTSC frames or full 640x240 non-interlaced snapshots.

Using InterView's VideoShop digitizing function, you can capture your own clips live from a VCR or from a digital tuner. When you have finished creating a movie, you can save it as a QuickTime movie to be distributed via Web, email, CD or any form of computer compatible electronic duplication you prefer.

1. Verify that you have:

  • InterView with software fully installed

  • A VCR, digital camera or camcorder connected to the InterView device with audio connected to the PowerMac, *or* an audio digitizing card

2. To configure your system software for "InterView-ing":

  • Set the Mac for Sound In with the "Monitors & Sounds" control panel

  • Adjust your systems general software settings for maximum video performance (listed on page 29)

3. To configure VideoShop for "InterViewing":

  • Launch VideoShop

  • Select "Show Digitizing Window"from the"Windows" menu (the Digitizing window should appear)

  • From the Digitize menu, verify that all settings are on and ready for digitizing at 320x240

4. Turn on your video source, then confirm that you are able to digitize video and audio. For detailed instructions, refer to the following chapters.

Installing the Software

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About the software

This chapter assumes that you are familiar with using the Mac Os and working with applications. If you are unfamiliar with normal Mac OS basics, you should refer to the user manual/CD that came with your system.

This release uses a separate software installer for each primary area of functionality:

  • VideoShop – the base application for digitizing and creating movies

  • InterView – provides the drivers and functionality for the video in via Strata VideoShop

  • Optional installers – for FTP client 3.0 shareware, QuickTime 4.0, Mac OS 8.6 link, XLR8 PowerPack, XLR8 software updates, and Acrobat

  • Additional CD's – include Strata's TuneBuilder software with clips and samples

Before you install

Before installing the InterView software, you should confirm that you are running Mac OS 8.6. You can confirm this by choosing "About This Computer" from the Apple menu while in the Finder. iMac users must also be sure that they have the appropriate firmware updates.

You may use the "Get Mac OS 8.6" application in the "Enhancement Software" folder to go to the XLR8 web site where you will find more information about obtaining 8.6 and the firmware updaters if necessary.

Software Checklist

❑ Mac OS 8.6 or above

❑ Quicktime 3.0 or above

❑ For iMacs: the latest firmware updates

❑ For translucent G3's: the latest firmware updates

❑ Adobe Acrobat 3.0 or above for viewing pdf's

❑ Internet access (required for updating online)

❑ A suitable web file transfer utility (required for posting movies on the Web)

   Note on firmware updates: When updating your firmware, the updates may inform you that your system does not need updating. This is okay since many systems are shipped with the latest updates.

The latest updates for InterView and USB software are available via XLR8's Web site at **http://www.XLR8.com/interview.** Assistance in updating to Mac OS 8.6 is available via **http://www.XLR8.com/8.6** or directly from Apple at **http://www.apple.com/macos.**
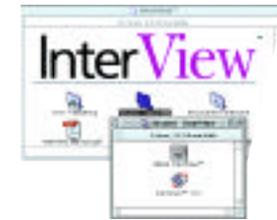
Installing the software

1. Once you have confirmed that you're running Mac OS 8.6 and the latest firmware updates, open the **"First - VideoShop"** folder and run the Strata VideoShop Installer.

   • Follow the instructions in the installer to successfully install Strata VideoShop onto your hand drive.

   • Quit out of VideoShop, but do not restart your Mac.

2. Open the **"Second - InterView"** folder and run the installer. This will install the USB device drivers for the InterView device and set your Strata VideoShop preferences for using InterView. It will also create an "XLR8 Folder" containing useful information on your system drive.

   • Follow the instructions in the installer to successfully install the InterView software on your hard drive.

   • Restart your Mac.

3. If you desire additional performance and functionality, you can install the software located in the "Enhancement Software" folder which includes:

   • Acrobat Reader 3.0 (for PDF viewing)

   • FTP Client 3.0 shareware

   • QuickTime 4.0 for improved video performance

   • XLR8 DualPort USB PCI card extensions for use with XLR8's DualPort
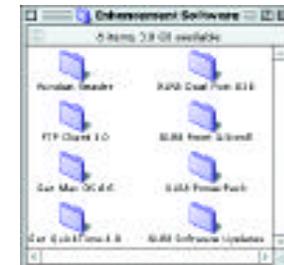
- XLR8 Point&Scroll USB mouse extensions for use with Point&Scroll USB mouse.

- XLR8 software updates

- XLR8 PowerPack software for testing and fractal graphics generation.

Each folder within the Enhancement Utilities folder contains an installer for the individual software utility.

Connecting the Devices

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XLR8's InterView is fully compatible with Mac USB. Since USB is a fully "hot-swapable" technology (you can unplug or re-plug anytime without shutting down), it is easy to connect the device.

InterView provides the connection between your standard video sources and your Mac.

This chapter assumes that you are familiar with the connectors and ports on your Mac. If you are unfamiliar with normal Macintosh hardware basics, you should review the user manual/CD that came with your system.

Video camera

Mac translucent G3

USB connection

Audio connectors

Video connectors

InterView device
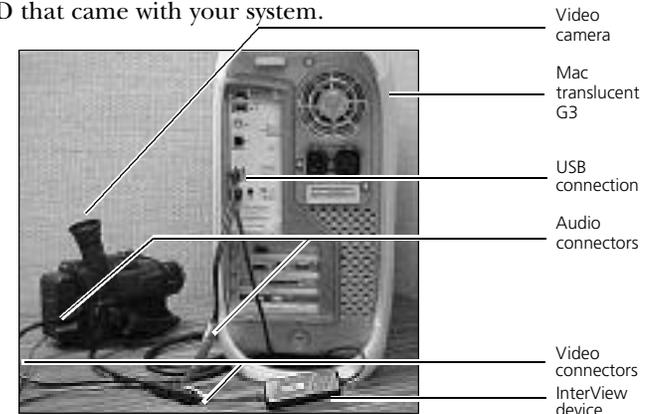
InterView configured on translucent G3

Before you connect

Hardware Checklist

❑ G3 running at 233MHz or above

❑ 100 MB unused hard drive space for applications and recording

❑ 20 MB of unused RAM for running VideoShop

❑ USB capability (for USB cards, Apple's 1.2 USB libraries or above is required)

Connecting the devices

1. Connect InterView's USB connector to your Mac.

   **Note:** InterView uses more USB power than a simple "mouse" device, so it needs to be connected either to a port on your system or a self-powered USB hub (one that plugs into a wall socket.) The port on a keyboard or any other low-power device, generally will not be sufficient.

   • Remove InterView from its package and extend it, making it ready for connecting.

   • For built-in USB: The black "flat" end is the USB connector. Plug it into the USB port on your Mac.

   • For Macs with USB cards: The black "flat" end is the USB connector. Plug it into your USB expansion card. Your USB software must be updated to version 1.2 of the USB libraries or later. Users of Interex or XLR8 USB cards can call tech support at 800-513-9744 x333 to update their software.

Note: The USB connector is designed to fit only one direction. Do not force.

2. Connect a video source to one of InterView's video in sockets. You need to choose between using the standard RCA composite connector or the S-Video connector.
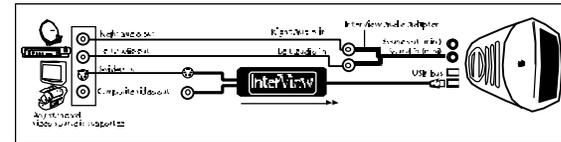
The black connector is for S-Video video in for InterView S-Video provides a higher quality picture, and is usually only supported by higher grade equipment.
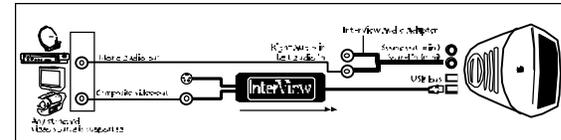
The yellow connector is the composite video in for InterView Use for connecting to standard RCA style video connector, from your VCR or Camcorder.
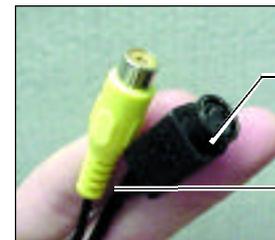
S-Video (black)

RCA composite video (yellow)

   • Using the video extension cable that came with your camcorder, VCR or tuner, connect either the composite RCA (yellow) connector or the S-video (black)connector

   Note: Only one input connector (S-Video or composite) should be used at any time.

S-Video out

Composite video out
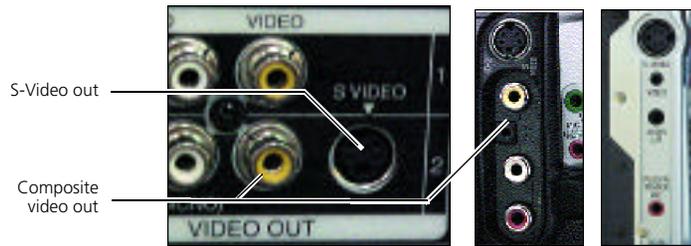
• Plug the opposite end of the A/V cable into the video out port of your video source. This is often hidden on most cameras so refer to your camera manual if necessary.

3. Connect InterView's audio adapter to your Mac.

Audio connections on translucent (blue/white) G-3

Audio connections on standard platinum G-3

USB

Microphone (sound In) port

Ethernet

Translucent (blue/white) G-3

iMac

• InterView's separate audio adapter has a stereo mini-jack on one end and standard stereo RCA audio connectors (red & white) on the other end.

• Plug the mini-jack end into the microphone (sound in) port on your Mac.

• On systems with built-in or additional A/V support, (8500/8600), you can connect your audio out connections from your source directly to the computer's RCA-type audio connectors, (eliminating the use of InterView's audio adapter.)
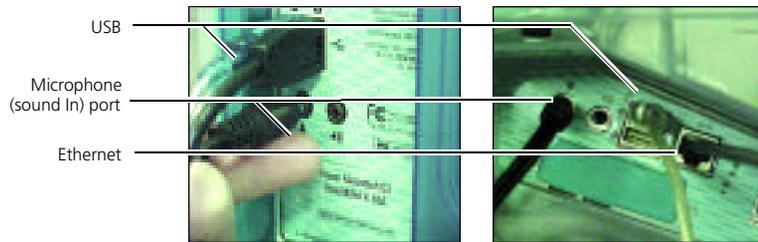
4. Connect the audio source of your camcorder, VCR or tuner to the InterView audio adapter using the A/V cable that came with your video equipment.

• Using the audio extension cable (often the same cable as the A/V or video extension cable) that came with your camcorder, VCR or tuner, connect the audio plugs to the plugs on InterView's audio adapter.
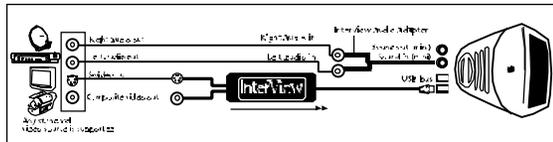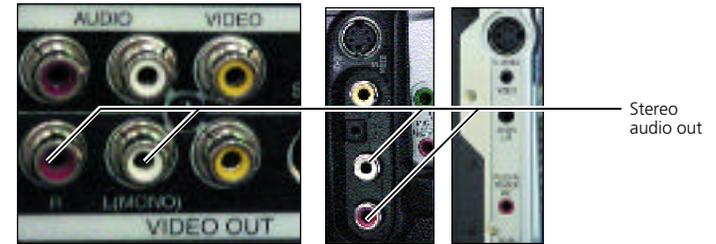
For stereo sound: plug InterView's audio adapter's right (red) RCA connector into the right (red) RCA connector on your audio extension cable. Plug InterView's left (white) connector into the left (white or black) connector on your audio extension cable.
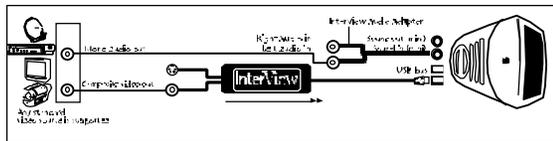
For mono sound: plug InterView's audio adapter's left (white) RCA connector into the mono (white or black) connector on your audio extension cable..

Stereo audio out

• Once the InterView audio adapter is connected to your audio extension cable, plug the audio extension cable into the sound out port of your video/audio source: red to red, white to white (or black, as the case may be.)

5. You are now ready to test your connections.
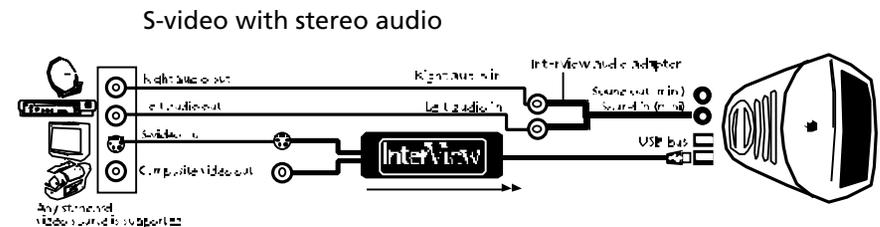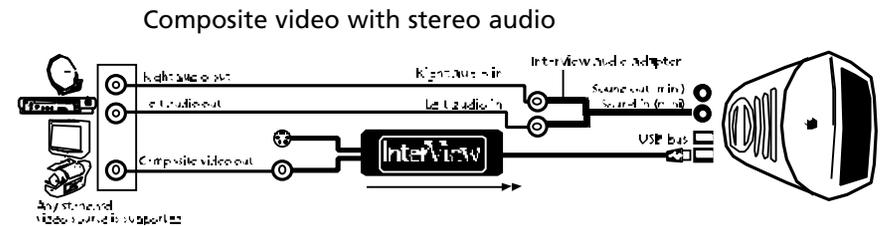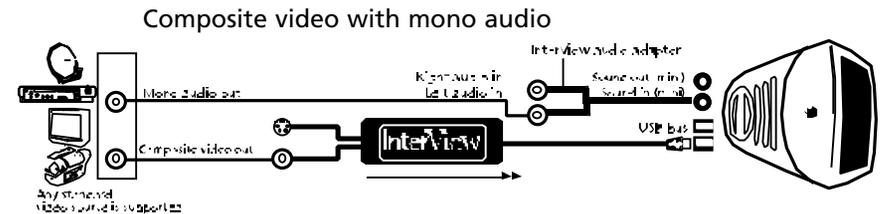
Composite video with mono audio

Composite video with stereo audio

S-video with stereo audio

Testing your set up with InterReView™

Once the software is installed and the devices are connected, you are ready to test the connections. We provide a software utility (InterReView) that will check your set up and verify that all components are working correctly. This step is optional.

1. Open InterReView. This application will test your set up and verify your video & USB connections and drivers.

    • Open the InterView folder located in the XLR8 folder, which is on the "root" of your system drive (created by the InterView installer.)

    • Double click on the InterReView software to launch it. The application will automatically run its tests.

    • Follow the instructions. In order to test USB, you will be prompted to disconnect; then reconnect your InterView device.
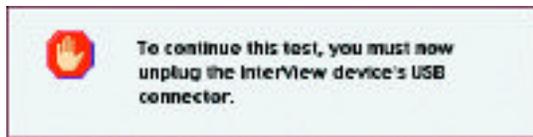
Note: If you do not complete this task, you will need to restart your Mac for normal USB operation.

• Observe the information when InterReView completes its tests. If you have any software "failures," you should reinstall the software in question.

2. You are now ready to begin capturing video.

Using InterView

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In order to capture your video clips and images, InterView must digitize them in real time from your video source. Once in a digital format, the images can be modified, transformed, connected, then saved as a QuickTime movie to be shared with others. InterView with Strata VideoShop fully supports QuickTime and its cross-platform capabilities.

This chapter provides information on:

- Digitizing (capturing) your video
- Digitizing (capturing) your still images
- Editing your movie
- Sending and sharing your movie

Configuring your software

InterView can capture near real time 320x240 NTSC frames or full 640x240 non-interlaced snapshots.

Using InterView's VideoShop digitizing function, you can capture your own clips live, from a VCR or from any standard video source with video out via RCA composite connectors or S-Video connectors. When you have finished creating a movie, you can save it as a QuickTime movie to be distributed via the Web, email, a CD, or any form of electronic duplication you prefer.

1. Verify that you have:
   - InterView with software fully installed
   - A VCR, digital camera or camcorder connected to the InterView device with audio connected to the Mac, *or* an audio digitizing card

2. Configure your system software for "InterView-ing"

- Set the Mac for "Sound In" by opening the "Monitors & Sounds" control panel to the "Sound" settings, then set the "Sound Monitoring Source" to "Sound In," "AV Connector" or "External Mic" depending upon your set up.

- Adjust your system's general software settings for maximum video performance (these are optional, but highly recommended.)
   - *Turn off File Sharing in the "File Sharing" control panel.*
   - *Turn off Virtual Memory in the "Memory" control panel.*
   - *Turn off Connectix Ram Doubler extension (if applicable.)*
   - *Quit any other applications you aren't using.*
   - *Defragment your hard drive by using a utility such as Norton Speed Disk or any software designed for such.*
   - *Make sure you have adequate space on your hard drive to store the digitized clips (at least 100 MB.)*
   - *In Control Panels, set your monitor to "Thousands" of colors, rather than "Millions" (note that InterView does NOT support 256 colors.)*

3. Configure VideoShop for "InterViewing":

- Launch VideoShop. Double click the application to launch it.

- When prompted, enter the Name, Company and the Serial Number from your VideoShop registration card.

  Note: If the "Name" field is left blank, the application will not launch correctly. Run VideoShop again and enter a name as well as the serial number.

- From the "Windows" menu, select "Show Digitizing Window."

- From the Digitize menu, verify that "Video On" and "Sound On" are selected. A checkmark next to the command indicates it's active. If they are not active, select them.
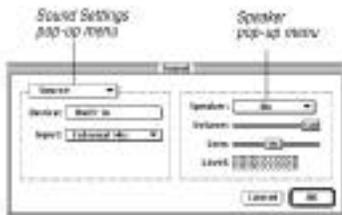
- From the Digitizing menu, select "Sound Settings…" and:

  Select "Compression"; set to the default of "None"; and set the speaker setting to "On."

  Select "Sample"; set the Rate/Size/Use to your preferred settings (22.050/8bit/Stereo are recommended.)

  Select "Source"; set to your current device (Built-in, A/V) and input (A/V, Sound In or External Mic.)

  Click "OK" to close the dialog.

- From the Digitizing menu, select "Video Settings…" and:

  Select "Compression"; set to the default of "XLR8 Component" and enter the frame rate of 30 fps.

  Select "Image"; click the "Default" button.

  Select "InterView"; click the "Default" button.

  Select "Source"; select "InterView" as the digitizer; select either "C-Video (yellow RCA) or S-Video (black) as the input depending on which connector you are using (note: if you select the wrong input, the preview and captured movies will be solid black); select either "NTSC (US) or PAL (European)" as the format; and "TV, LaserDisc" for live video, or "VCR" for taped video digitizing as the filter setting.

  Click "OK" to close the dialog.

- From the Digitizing menu, select "Digitize Settings…" the Digitize Settings dialog box appears.

  For Fast Capture with <u>abundant unused RAM</u> (100 MB or more), select "Digitize from blank screen," " Digitize to RAM," and "Compression on the fly."

  For Fast Capture with <u>limited unused RAM</u> (50 MB or less), select "Digitize from blank screen," "Digitize to Disk, "Post-Compression, Compression on the fly."

  For Fastest Capture with QuickTime 4.0, you can also select "Post–Compression." This function is not supported on QuickTime 3.0.

  Click "OK" to close the dialog.

- From the Digitizing menu, select "Digitizing Size" with the setting 320x240.

4. At this point, with your video source connected and on, your digitizing window should be showing video through InterView, and you should be hearing audio. You can test the connections now by turning on your camera or playing your tape/disc and verifying that the Digitizing window is capturing your video.

- If you are not able to view in the digitizing window, review the previous section, "Testing your connections with InterReView."

- If everything is working correctly, quit VideoShop. This step saves your settings to the preferences file. Proceed to the next section to begin capturing and digitizing.

Capturing your video

You are now ready to begin capturing/digitizing your video. This section assumes that you have followed the steps in the previous sections.

1. Launch the Strata VideoShop software.

2. Select "New" from the File menu to start a new project.

• The Project Settings dialog box appears.

Note: You don't have to have a project open to digitize. You can open the Digitizing window at any time with the "Show Digitizing Window" command. The digitized clips are stored in the VideoShop cache folder (or designated digitizing folder.)Note however, that the clips will only be displayed in the Bin folder if a project is open.

• Select the "InterView" settings.

Note: If the InterView settings do not appear, quit VideoShop and run the InterView installer again. The installer will insert the settings even if it goes on to say that no installation was necessary. Run VideoShop again and select "New" from the File menu. If the InterView settings are still not present, contact tech support.

• Click OK to start a new project with these settings. A new project starts and VideoShop's main windows appear.

3. Select "Show Digitizing Window" from the Windows menu *or* click the Digitize button (video camera icon) on the button bar. The Digitizing window will be displayed with a slight delay while the InterView software initializes.

4. The size of the Digitizing area is displayed at the top left of the Digitizing window: 320x240.

5. Turn on your VCR; insert a tape; press play. If you are using a camcorder or live video tuner, turn the power on.


• Observe that the video appears in the preview area of the Digitizing window. If connected, the audio should be playing through the speaker as well.

6. Click the "Record" button in the Digitizing window when you are playing the tape or ready to record live.

- Digitizing begins immediately and the Record button turns into a "Stop" button.

- The Disk Space Available bar at the bottom of the window shows the space remaining on your hard drive (or RAM if you have set your digitize settings for digitize to RAM.)

7. To end recording, click the "Stop "button *or* click the mouse once if the cursor is not visible.

8. The digitized clip is stored in the VideoShop Cache folder and also appears in the Bin window as an Untitled Movie clip.
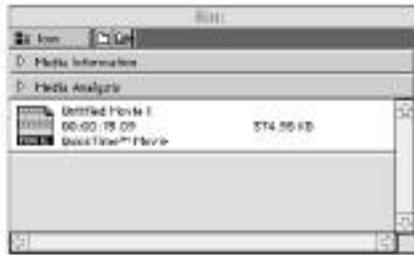
- You can change the location for storing digitized clips by designating a new Digitizing folder. Click the Digitizing Folder button in the Digitizing window to assign a new location.

- You can rename the clips in the bin:

  Hold down the Option key and click on the file name in the Bin.

  Rename the file. Note that renaming the file in the Bin does not rename the file on your hard drive.

- The captured clips are stored in a QuickTime format (refer to page 41) that can be viewed in any QuickTime-compatible application. The clips can also be edited and re-saved as new movie clips within VideoShop.

Capturing still images

There are two choices for capturing still images with InterView.

- The first uses Strata's "Still Frame" selection in the Digitizing Window. This captures a 320x240 image and is basically a freeze frame of the image being displayed in the digitizing window.

- The second uses InterView's exclusive 640x480 "Still Image" capture feature. This captures a full-screen de-interlaced image.

Capturing with Strata's "Still Frame" selection

- Open the Digitizing window.

- Preview the video to capture.

- Click the "Digitize Still Frame" button in the Digitizing window.

- The image is captured and stored in the VideoShop Cache folder with the name "Grabbed Picture X." Each new still image captured is given a different number. *These images will not be displayed in the Bin window and must be imported into VideoShop for use in your "movies." Refer to page 40 for additional information.*

Capturing with InterView's "Still Image" feature

- Open the Digitizing window.

- Select "Video Settings" in the Digitize menu, then select "InterView in the pull-down selection.

- Preview the video to capture.

- Click the "Still Image" button to capture a full-frame image.

- After a brief pause a "Save as" dialog appears. Save the image with the name and location desired. The image is saved as a QuickTime file which can be shared and edited.

Making movies

The VideoShop manuals on the Strata VideoShop CDs provide detailed instructions on editing and composing movies.

- The Video Shop tutorial on the InterView CD provides a "QuickStart" approach for understanding the full features of VideoShop.

- Refer to the Strata Application CD's Documentation folder for instructions on "Editing your Movies." The reference manuals provide excellent information on the use of Strata VideoShop's powerful features.

The following information is designed to provide a short overview to allow you to immediately save combined clips into a movie of your own. Again, the Strata VideoShop Tutorial (on the InterView CD) and the Reference Manuals (on the Strata Application CD) provide excellent detailed information on the use of VideoShop.

Using InterView images in a movie

After you have digitized your own clips, they can be used in a movie like any other media clips. Video clips are stored in the VideoShop Cache folder (or designated Digitizing folder), and are automatically placed in the Bin if a project is open. Still images are stored in the Cache folder and must be imported into the Bin for use in a movie.

Adding digitized video clips to the movie

Your new project has two empty tracks: a video track and an audio track. You can use either Storyboard view or Time view when adding clips.

- Begin editing by dragging a video clip from the Bin window onto the video track in the Project window.

- When you add clips composed of multiple types of media, VideoShop automatically splits up the clip and places each component into the proper track.

• In the case of clips with both audio and video, the video goes into the video track and the audio goes into the audio track.

• Click the PLAY button in the Canvas window to view the digitized clip and the results after adding other clips.

Adding digitized still images to the movie

Digitized still images must be imported into the Bin to use them in a project.

• Click the "Import" button in the Bin window. The Import dialog appears.

• Add Picture files to the list of files to be imported by double-clicking on them. Click "Done" to import the files into the Bin.

• Each file must get converted to a QuickTime movie when it is imported into VideoShop.

• A dialog appears, asking if you want to save the converted movie.

• For each still image, set the compression as follows and click OK: - Compressor: Video - Quality: Best (100) - The files appear in the Bin.

• To edit still images, drag them from the Bin onto the video track in the Project window. The clip only contains video data, so it just appears in the video track.

• Click the PLAY button in the Canvas window to view the digitized clip and the results after adding other clips.

Saving the movie

Once you have composed the clips and pieces you want in your movie, you can preview by clicking the Play button in the canvas window.

• The settings for the movie are dependent upon your use for the movie. In general, the following settings provide maximum transportability.

• Click in the Project window to make it active.
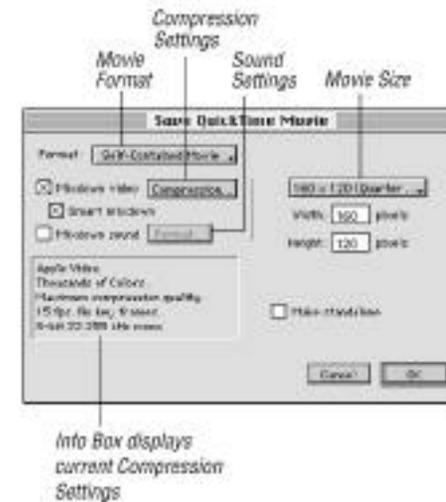
• Choose "Save Movie" from the File menu. The Save as QuickTime Movie dialog box appears.

From the Movie Format pop-up menu, select Self-Contained.

From the Movie Size pop-up menu, select the InterView 320x240 setting

Check the Mixdown video and Smart Mixdown options box to enable the Video Compression mixdown options.

- Click Compression to display a compression setting

  From the Compressors pop-up menu, select Video.

  Set the Quality slider to "Best."

  From the Frames per Second field enter "15" or use the pop-up menu to select "15" or "30."

  For web posting you can select Apple "Motion JPEG A," instead of "Video" compression ; check "Streaming Optimization" from the "Options…" dialog box.

  Note: 15 fps is standard for web posting/viewing. 30 fps, which creates a larger file size, is standard for QuickTime movies viewed from the hard drive.

- Click OK to close the compression dialog box.

- Click OK in the "Save as a QuickTime Movie" dialog box. The "Save" dialog box appears.

  Locate the folder you want to save the movie in, and type the name of your QuickTime movie.

- Click "Save." A Progress bar appears. When complete, you will have a QuickTime movie that can be played on any QuickTime movie player.

Sending movies

You can transport your captured QuickTime clips and movies in a number of formats. For cross platform or Internet formats remember to use a ."mov" extension on the end of the file name, to ensure that browsers and other OS's can recognize the file format correctly

- **To send Via Disk or CD**, simply save the movie to a formatted disk or CD.

- **To send via email**, you should compress the file as a .hqx file using DropStuff or Stuffit. You also need to make sure that your final encoded size is less than 2500K, since most ISPs do not allow attachment sizes greater than 3000K.

- **To post for streaming from web page** that people can click and preview "live," you will need upload access to a web page to post your QuickTime movie.

  We have included a FTP shareware package to ease this process, "FTP Client 3.0."

  Important: Before posting your QuickTime movie to the Web, it needs special processing to ensure that the file will allow streaming via QuickTime 4.0 (live playing while downloading.) You should use our WebCleaner Software to complete this task.

Using WebCleaner
Launch the WebCleaner software in XLR8's "InterView" folder on your hard drive.
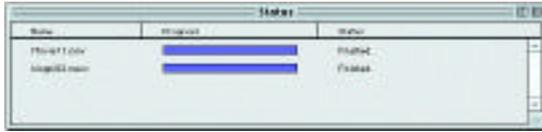
- You can then drag the movie to be "cleaned" into the window, or open by selecting the file with the "Open" command in the File menu.
- Once processed, your file can be "FTP'd" (copied) up to your web page.
- Users will be able to access your streaming QuickTime videos with a single click!

Save Options in WebCleaner:

WebCleaner can save the "cleaned" movie in one of three ways:

- It can create a brand new movie with a '.web.mov' file name extension
- It can replace the existing movie or
- It can ask where to save each movie after it has been cleaned

You can select the save method using the "Preferences…" option in the Edit menu. The default save method is to create a brand new movie automatically. Look for the new movie in the same folder as the original after WebCleaner has finished cleaning it. This is the movie that you will want to upload to the Web.

Remember: movies that are posted to the Web must have no spaces in the file name and the file name must end in '.mov'.

Support & Reference

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Direct any questions concerning proper installation and operation of the InterView device to:

1.800.513.9744 (Technical Support Only)

(316) 636-5544

Technical Support E-mail Address:
tech@interexinc.com
Web Address: www.xlr8.com

Although InterView is fully automatic, following are a few instances that may have problems.

Troubleshooting InterView

There are 3 Primary Troubleshooting Steps to follow:

1. Check all connections.

2. Run the InterView utility

3. Zap PRAM (*command-option-p-r* on reboot, listen for two bongs, then restart.)

If you are still having problems, go to:

http://www.xlr8.com/8.6; grab the latest version of the InterView software; run the installer. If you are still having problems, review the questions below. Then, if still needed, call Technical Support at 800-513-5744, ext. 333.

Problem: Strata Digitizing Screen is Black

Solution: Check the camera and VCR connections. If you are using a camera, check that you have an image in the viewfinder. Check the Image settings by clicking the Image button in the digitizing window. Ensure that the settings are correct for your device. In particular, be sure that the "Input" in the "Source" panel is set to S-Video if you are attempting to use an S-Video source. Note: if the image button is grayed out, see below. If the problem persists, try a different VCR or Camera, then discard your Strata Preferences in the System Preferences folder and restart; then adjust your settings again.

Problem: Image button in Strata Digitizing Window is grayed out. Blue image in digitizing window

Solution: Strata VideoShop is not receiving a video signal from InterView. Check all connections. Verify that you do not have multiple copies of VideoShop running. If all are verified, then discard the Strata Preferences in your System Preferences folder and reboot. If problem persists, then reinstall USB, InterView Drivers and Strata VideoShop. If problem still persists, you may have a faulty device or USB Card.

Problem: Grey or blue image appears in Strata Digitizing window, but image button IS NOT grayed out

Solution: Strata VideoShop has lost its video signal during transmission. Check all connections and restart the application. If problem persists, discard the Strata Preferences from the System Preferences folder and restart the system.

Specifications

Hardware Requirements

USB-equipped Apple Power Macintosh or Mac OS clone at 233 MHz G3 or faster with 20 MB of Application RAM for digitizing.

Software Requirements

For iMac or the translucent (blue/white) G3:

• QuickTime 3.0 or higher
• Mac OS 8.6 or higher (updater for 8.5 to 8.6 included)

For PCI Equipped PowerMacs w/USB Card:

• QuickTime 3.0 or higher
• iMac OS 8.6 or higher

Image

Formats/Standards:

• RGB 16, 24 bits - YUV422
• NTSC, PAL (International Version)

Resolution:

Animated: 80X60 to 320X240, QCIF, CIF, NTSC
Still: Up to 640x480 RGB, 24 Bit

PAL Still: Up to 768x576 RGB, 24 Bit

Connectors

Video Input:

• Standard video RCA jack (composite)
• High quality S-Video jack

Audio Input (connects direct to Mac):

• Right & Left RCA Stereo
• Stereo Microphone Mini-jack

System Hardware Connection:

• Standard USB (universal serial bus)
  provides input to system and power

Software

• XLR8 USB Video Driver Software–utilizing Intellimetrics USBThreads™ and Nogatech's USBVision; Apple USB Libraries 1.2; InterReView–USB set up and diagnostics tool; WebCleaner; XLR8'S PowerPack–Power Control and PowerFrax software for system tuning and cool graphics; Strata VideoShop 4.5 with DV support and Strata TuneBuilder

Support

2-Year Warranty; Toll-free Tech Support

Limited Warranty

XLR8 by Interex warrants this product to be free from any defects in materials or workmanship to the initial purchaser for Two Years from the date of purchase. If such a defect is discovered within this warranty's limitations, the manufacturer agrees to repair or replace, at its sole discretion, this product free of charge, subject to the following conditions:

1. The manufacturer must be notified in writing within 10 days of discovery of defect.

2. The defective unit is returned to the manufacturer, freight prepaid, within 30 days of discovery of defect. Proof of purchase must accompany return.

3. Manufacturer shall determine damage to product is not due to misuse, negligence, improper installation, repair, alteration or accident caused by parties other than manufacturer.

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According to ISO/IEC Guide 22 and 45014

We, the Manufacturer:
> XLR8 by INTEREX, Inc.
> 8447 E. 35th St. N.
> Wichita, KS USA 67226

Declare under our sole responsibility that the Product:
Name: XLR8 InterView
Part No: USB–XIVN

Conforms to FCC 47 CFR 15.107 & 15.109 , CLASS B
Emissions, using: Safety: EMC: EN55022: 1994, A1:
1995 Class B and EN 50082-1: 1997 Level 2

Other: Method of Continuing Conformance:
ISO9001 (4.9) registered manufacturing facility with
production sampling program.

XLR8 By INTEREX, Inc.
8447 E. 35th St. N.
Wichita, KS USA 67226

Phone (316) 636-5544
Fax (316) 636-4616

Contacting XLR8

If you have questions about your XLR8 InterView or any
other XLR8 products, you may contact us as follows:

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233 MHz MACh Speed G3 - 233/5   0 31069 00555 2
250 MHz MACh Speed G3 - 250/1   0 31069 00556 9
250 MHz MACh Speed G3 - 250/5   0 31069 00552 1
266 MHz MACh Speed G3 - 266/1   0 31069 00553 8
266 MHz MACh Speed G3 - 266/5   0 31069 00557 6
275 MHz MACh Speed G3 - 275/1   0 31069 00554 5
300 MHz MACh Speed G3 - 300/1   0 31069 00558 3
300 MHz MACh Speed G3 - 300/5   0 31069 00633 7
333 MHz MACh Speed G3 - 333/1   0 31069 00560 6
366 MHz MACh Speed G3 - 366/1   0 31069 00561 3
400 MHz MACh Speed G3 - 400/1   0 31069 00562 0

300 MHz MACh Speed G3Z - 300/1   0 31069 00332 9
300 MHz MACh Speed G3Z - 300/5   0 31069 00331 2
333 MHz MACh Speed G3Z - 333/1   0 31069 00333 6
366 MHz MACh Speed G3Z - 366/1   0 31069 00334 3
400 MHz MACh Speed G3Z - 400/1   0 31069 00335 0
450 MHz MACh Speed G3Z - 450/1   0 31069 00336 7
466 MHz MACh Speed G3Z - 466/1   0 31069 00337 4

300 MHz MACh Carrier G3 - 300/1   0 31069 00338 1
333 MHz MACh Carrier G3 - 333/1   0 31069 00339 8
366 MHz MACh Carrier G3 - 366/1   0 31069 00340 4
400 MHz MACh Carrier G3 - 400/1   0 31069 00341 1