

# Instructions for use of AV equipment Podiums in Cyr Hall

Cyr 200 to 209 and 113



**Video Projection Unit -** 2, 3  
(Sharp XG-P10XU)

**Stereo Receiver –** 10, 11  
(JVC RX-7020VBK)

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(GyroMouse Pro)

**VCR/DVD/CD/Cable TV Tuner -** 6, 7  
(JVC HR-XVC1U)

**Document Camera –** 8  
(Samsung)

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(JVC TD-W254BK)

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(Dell OptiPlex GX240 System)

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(NEC MultiSync LCD 1550V)

**Phone -** (see telephone directory included)

**Cable channel guide -**(included)

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THIS MANUAL MAY BE FOUND ON THE WEB AT

[HTTP://WWW.UMFK.MAINE.EDU/PDFS/AV/CYРАВMANUAL.PDF](http://www.umfk.maine.edu/pdfs/av/cyравmanual.pdf)

REVISION 4 on 03/07/06



Video Projector

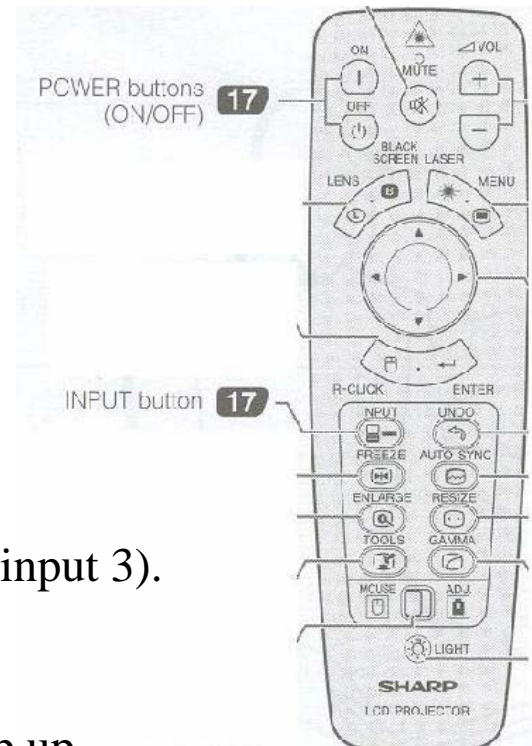
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## ON

- Use the Sharp lcd projector *remote control* to turn the unit on (aim control at front of ceiling mounted projector – 30 degrees wide, up to 23 ft.) press ON. Unit must warm up, if power is turned off and then immediately turned on, it may take 90 seconds before the lamp turns on.

## INPUT

- *Press* input to select desired input mode. Press input again to change mode. (Computer and document camera - input 1, vcr/dvd input 3).



## OFF

- Press off, display will show pop up turn power OFF? If response is yes, press off button again. If no, please wait.

If you accidentally pressed power off and do not want to turn off the power, wait until the power off screen disappears.

When **power off** is pressed twice, the power indicator will light up red and the cooling fan will run for about 90 seconds. The projector will then enter standby mode.

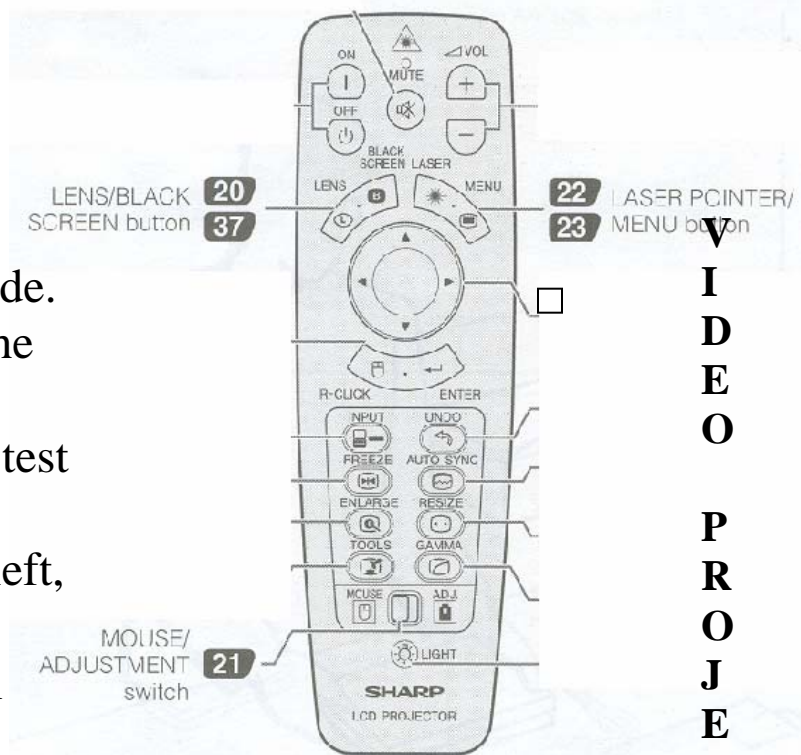
The power can be turned on again by pressing the **power on**. When the power is turned on, the power indicator lights green.

Inputs used on the video projector are input 1 (computer and document camera) and input 3 (dvd and vcr and cd).

## LENS ADJUSTMENT

(Functions used to adjust *focus*, *zoom*, and *keystone*)

- Press *LENS* to select mode. Each time *LENS* is pressed, the screen changes.
  - Press *ENTER* to display test pattern.
  - Press arrows up, down, left, or right to make adjustment.
  - Press *LENS* until normal screen appears.



## BLACK SCREEN FUNCTION

- Slide the **mouse/adjustment** switch to mouse.
- Press *BLACK SCREEN*. The screen turns black. To return to the original projected image, press *BLACK SCREEN* again.

(For safety, the laser pointer automatically goes off after 1 minute of continuous use. To turn it on, release LASER POINTER and press again).

## LASER POINTER

- Slide the **mouse/adjustment** switch to mouse.
- Press *Laser Pointer* to activate the laser pointer. When the button is released, the light automatically goes off.

Ceiling mounted video projectors will shut down after 15 minutes when no input signal is detected. Contact Audio Visuals to have this changed in the menu.



## Wireless mouse

GyroMouse is simple to use. On the desktop, it works like an ordinary mouse. In the air, the cursor is controlled using subtle movements of your wrist.

Controls are: left/right mouse select buttons (top side), channel select (top side middle) and activate button (bottom side).

- SELECT buttons function like the left/right buttons on a standard two-button mouse. Pressing either select button will also turn the GyroMouse back on if it has been in sleep mode.
- CHANNEL SELECT function. Click button rapidly to *change RF channels* if you experience inconsistent or erratic mouse behavior.
- ACTIVATE BUTTON is located on the underside and enables the internal gyroscope to control the movement of the mouse cursor when using it in the air.

Noted problems:

Wireless mouse have a sleep mode at 5 minutes and 30 minutes. Reactivate by clicking any button once and waiting.

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Wireless mouse

## **GYROMOUSE on the DESKTOP**

Use GyroMouse like a standard desktop mouse.

## **GYROMOUSE in the AIR**

- Hold it in a comfortable, relaxed position with your index finger on the **ACTIVATE BUTTON** and your thumb on the **SELECT BUTTONS**.
- Click on any button to turn GyroMouse on.
- Press and hold the **ACTIVATE BUTTON** with your index finger to move the cursor.
- While holding the **ACTIVATE BUTTON**, move your wrist up, down, sideways, in a manner similar to using a flashlight.
- Use your thumb to press the left/right mouse buttons.
- Double-click the **ACTIVATE BUTTON** to keep the cursor continuously active. To stop the cursor, click the **ACTIVATE BUTTON** once.

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## **DVD/CD/VCR – Cable TV Tuner**

### **VCR**

- Select input 3 on *video* projector.
- Turn on JVC RX-7020VBK *audio/video* control receiver and select DVD.
- To get the VCR section to work press mode selector button on JVC HR-XVC1U. VCR indicator will light.
- Insert tape, press eject to remove tape.
- Use functions (eject, play, stop, rew, ff, rec) as a regular VCR.

### **DVD**

- Select input 3 on *video* projector.
- Turn on JVC RX-7020VBK *audio/video* control receiver and select DVD.
- To get the DVD section to work press mode selector button on JVC HR-XVC1U. DVD indicator will light.
- Use functions (open/close, play, stop, rew, ff, rec) as a regular DVD.
- Insert DVD, press play.

## DVD/CD/VCR – CABLE TV TUNER

### CD

- Turn on JVC RX-7020VBK *audio/video* control receiver and select DVD.
- To get the DVD/CD section to work, press mode selector button on JVC HR-XVC1U. DVD indicator will light.
- Use functions (open/close, play, stop, rew, ff, rec) as a regular cd.
- Insert cd, press play.

### CABLE TV TUNER

- Select input 3 on *video* projector.
- Turn on JVC RX-7020VBK *audio/video* control receiver and select VCR.
- To get the TV tuner section to work press mode selector button on JVC HR-XVC1U. VCR indicator will light.
- Change channels by pressing channel – or +.

The VCR display counter advances only hour and minutes, not seconds. But the DVD display counter moves to hour/ minute/ seconds. (same unit)

## Document Camera

When using the document camera, select input one (1) on projector (same as computer input). The document camera image over-rides the computer image. Turn off the document camera and the computer image will return (if the computer is on).

### ***CONTROLS***

*POWER* – Turns the power on or off.

*ROTATE* – Use to rotate the image.

*ZOOM* – Use to control the size of an object projected on screen.

*AF* – Use to adjust the focus automatically.

*IRIS* – Use to control the brightness of the image.

*INT/EXT* – Int: to view the image on the unit.

Ext: to view the VGA output from another device connected to the unit.

*APERTURE* – Use this to control the sharpness of the output image.

*FREEZE* - Use this to freeze the image.

*LAMP* – Use this to turn the upper lamp or light box on or off.

*AWC* – Use this to adjust the color automatically.

*MODE* – Use this to select the desired resolution for the video output.

Document camera can be used to scan images and saved to zip disk.

Software for capturing is installed and the USB port must be used with the USB cable.

Ask Audio Visual for assistance with this.

When the computer is on the screen and the document camera is required, turn on the document camera. The document camera will override the computer image and the document camera will appear on screen. Turning off the document camera will let the computer image reappear on the screen.

## Audio Cassette Deck (JVC TD-W254BK)

- Select **tape/cdr** on JVC RX-7020VBK a/v control receiver for speaker output.

### *Cassette loading*

- Press the eject button to open the cassette holder.
- Load cassette
- Press holder to close.

### *Playback of deck A*

- Turn the power on.
- Load prerecorded cassette with side A facing out.
- Select the side to be played back. (Side A ... forward direction – play >, side B ... reverse direction - <play)
- Select the Reverse Mode switch as desired.
- Press the play button of deck A to start playback.

### *Playback of deck B*

- Same as procedure above.

### *Continuous play*

- First set the Reverse Mode switch to continuous.
- Load cassette tapes in both decks and press play button of the deck to be played first. At this time, the CONT indicator lights in the multimode display. When the tape in the deck, which plays first, reaches the end of side B, it automatically switches to the forward direction and enters standby mode. At the same time, the other deck starts playback.

## **A/V Control Receiver (JVC RX-7020VBK)**

### *Basic Operations*

#### *ON/OFF*

- Press Standby/on. The Standby lamp goes off. The name of the current source appears on the display.
- Press Standby/on again. The Standby lamp lights up.

#### **SELECTING THE SOURCE TO PLAY**

- Press one of the Source Selecting Buttons. The name appears on the display.
  1. **DVD** selects the audio for the VCR player, the DVD player and also the CD player.
  2. **TAPE/CDR** selects the cassette deck.
  3. **TV SOUND/DBS** selects the computer audio.
  4. **FM/AM** selects an FM or AM broadcast.

#### *VOLUME*

- To increase volume, turn MASTER VOLUME clockwise.
- To decrease volume, turn it counterclockwise.

## SELECTING FRONT SPEAKERS

- Press SPEAKERS ON/OFF #2 so that the SPK 2 indicator lights up on the display.

Audio/Video Control Receiver must have SPEAKER 2 selected, must have ANALOG input selected. Selecting DVD will give you audio for VCR, DVD, and CD and cable television. Selecting TV Sound/DBS will give you computer audio. Selecting Tape/CDR will give you the tape audio. A volume level of 25 is adequate. Other options are available; please contact Audio Visual with your request. (i.e. Wireless microphone)

The JVC AV Control Receiver *controls all audio and video.*

Disregard the volume control on the remote control of the video projector.

Three audio selections on the JVC AV Control Receiver will be dominant. They are:

\*DVD – to select the audio for the VCR or DVD or CD from the JVC HR-XVC1U DVD/CD/VCR player.

\*Tape/CDR – to select audio from the JVC Double Cassette Deck.

\*Tv Sound – to select audio from the computer.

## Computer

- To get computer audio, turn power on JVC AV control, select computer. (disregard display which will read TV SOUND / DBS on A/V receiver )
- Dell OptiPlex GX240
- Windows 2000 operating system
- 250 zip
- floppy
- cd
- 260 mb ram
- Intel Pentium 4 processor
- 1.8 ghz clock

DEEP FREEZE program has been installed on the Cyr Hall classroom computers to prevent saving data to the hard drive. Once the computer is shut down and rebooted, saved data will not appear on the hard drive. It is recommended to save to your network "H" drive. Needed software can be installed, please ask Audio Visuals for assistance.

When the computer is on the screen and the document camera is required, turn on the document camera. The document camera will override the computer image and the document camera will appear on screen. Turning off the document camera will let the computer image reappear on the screen.

## LCD PANEL

### *Controls*

- **Exit** – exits the OSM (on screen manager) controls. Exits to the OSM main menu.
- **Control** < / > - moves the highlighted area left/right to select control menus. Moves the highlighted area up/down to select one of the controls.
- **Adjust** - / + - moves the bar left/right to increase or decrease the adjustment. Active auto adjust function. Enter the sub menu.
- **Next** - moves the highlighted area of main menu right to select one of the controls.
- **Reset** – resets the highlighted control to the factory setting.

### *Brightness/Contrast Controls*

- *Brightness* – adjusts the overall image and background screen brightness.
- *Contrast* – adjusts the image brightness in relation to the background.
- *Auto* – adjusts the image displayed for non-standard video inputs.

### *Auto Adjust*

- Automatically adjusts the image position and H. size settings and fine settings.

### *Image Controls*

- *Left / Right* controls horizontal image position within the display area.

- *Down / Up* controls vertical image position within the display area.
- *H. Size* adjusts the horizontal size by increasing or decreasing this setting.
- *Fine* improves focus, clarity, and image stability by increasing or decreasing this setting.

The flat panel LCD monitors have a power switch (vacation switch) on the lower right side edge of the display. If pressing the power button on the front does not power up LCD, please check vacation switch.

# Quick Start

## **-Projecting the laptop video.**

1. Turn Sharp video projector on, select input 1 (computer / document camera)
2. Turn the document camera on.
3. Find the VGA cable which is connected to the document camera (vga in 1).
4. Connect free end of this cable to laptop vga out.
5. Select ext 1 on the lower right side of document camera. (int/ext)
6. Turn laptop on
7. A simultaneous combination of the function key (FN) with either (F5) or (F8) (different keys for different laptops) will send video to either the laptop display panel or the video projector or both. (usually 3 choices)

## QUICK START UP

Getting the VCR/DVD to project on screen...

(Video projector)

1. Pull down white screen.
2. Turn ceiling Sharp video projector on with remote.  
Warm up period maybe up to 2 minutes.
3. Select input 3 on video projector – same remote.  
You will see input selected on upper right of screen.

(Audio and video switch)

1. Turn JVC A/V Control Receiver on (large black unit)
2. Select vcr/dvd/cd labeled button– disregard what digital display reads (dvd).
3. Adjust volume to 28.  
Default: Surround sound off, analog and not digital, speaker 2 and not 1. These must be selected.

(VCR / DVD)

1. Turn JVC vcr/dvd (silver) unit on.
2. Select VCR or DVD with large button.  
Tiny green light indicates selection.
3. Insert tape or eject tray for disk.
4. Press play.  
Counter has hours and minutes only, not seconds.

