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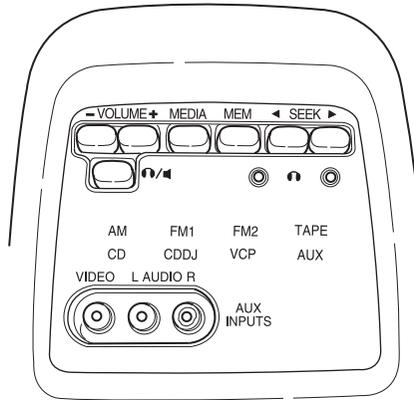
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Quick Start — How to get going

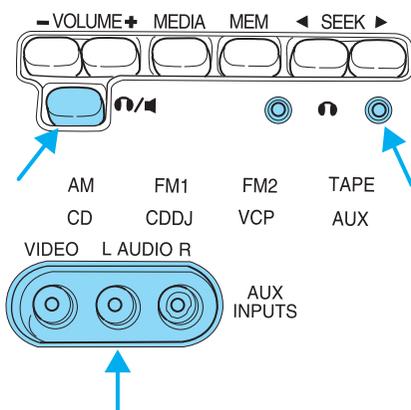
QUICK START — HOW TO GET GOING



To operate the system:

1. Your AutoVision® system is automatically activated when the vehicle ignition and the audio system are ON.
2. If a movie is desired, insert a VHS cassette into the VCP and the video should start playing.
3. Press the MEDIA control to toggle to any other desired media source.

Quick Start — How to get going



To play a video game:

1. Connect the video line from your game device to the VIDEO jack.
2. Connect the left and right audio cables to the left (L) and right (R) audio jacks.
3. Ensure that the system is in AUX mode. The LCD screen will turn on and the AUX indicator will illuminate.
4. If desired, press the  /  control and plug a 3.5mm headphone into the headphone jack. With the headphones ON, the rear speakers will not operate.

Introduction

Your AutoVision® System allows you to watch movie rentals and your favorite home videocassettes. It also allows you to plug in and play a variety of standard video games. Please review this user manual to become familiar with the AutoVision® features and controls as well as the very important safety information.

Should you have any questions regarding your AutoVision® System, please feel free to call the toll free assistance hotline at 1 (877) 848-6434.

SAFETY INFORMATION

Read all of the safety and operating instructions before operating the system and retain for future reference.

Do not attempt to service, repair or modify the AutoVision® System. See your Ford or Lincoln Mercury dealer.

Do not insert foreign objects into the videocassette player (VCP) tape cassette compartment.



The front glass on the liquid crystal display may break when hit with a hard surface. If the glass breaks, do not touch the liquid crystalline material. In case of contact with skin, wash immediately with soap and water.



The driver must not attempt to operate any function of the floor console mounted VCP while the vehicle is in motion. Give full attention to driving and to the road. Pull off the road and park in a safe place before inserting or extracting video tapes from the VCP. A remote control is included in the system to allow the rear seat occupants to operate the VCP functions without distracting the driver.

Be sure to review User Manuals for video games and video game equipment when used as auxiliary inputs for your AutoVision® System.

Do not operate video games or video equipment if the power cords and/or cables are broken, split or damaged. Carefully place cords and/or cables where they will not be stepped on or interfere with the operation of seats and/or compartments.

Disconnect video games and video equipment power cords and/or cables when not in use.

Avoid touching auxiliary input jacks with your fingers. Do not blow on them or allow them to get wet or dirty.

Do not clean any part of the AutoVision® system with benzene, paint thinner or any other solvent.

FEDERAL COMMUNICATION COMMISSION (FCC) COMPLIANCE

Changes or modifications not approved by Ford Lincoln Mercury could void user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference and radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to consult the dealer or an experienced radio/TV technician for help.

CARE OF THE VIDEOCASSETTE PLAYER (VCP)

Environmental extremes

Videocassette players subjected to harsh environmental conditions may be damaged or perform at less than maximum capability. To avoid these outcomes, avoid leaving the VCP:

- in extremely hot or cold temperatures.
- in direct sunlight.
- in high humidity.
- in a dusty environment.
- in locations where strong magnetic fields are generated.
- on a surface that is instable or subject to vibrations.

Temperature extremes

When the vehicle is parked under direct sunlight or in an extremely cold place for a long period of time, wait until the cabin temperature of the vehicle is at normal temperature before operating the system.

High/low temperature sensor circuit

- Excessively high or low temperatures may cause damage to the VCP.

Introduction

- When the temperature of the VCP becomes too high or low, the temperature sensor circuit stops machine operation, ejects the cassette and the WAIT indicator illuminates. The lamp will remain illuminated until the system has returned to a safe operating temperature.

Humidity and moisture condensation

Moisture in the air will condense in the VCP under extremely humid conditions or when moving from a cold place to a warm one. Moisture condensation on the tape playback head drum may damage the videocassette and/or drum. If moisture condensation occurs, do not insert a videocassette into the player. If a videocassette is already in the player, remove it. Turn the VCP power ON to dry the moisture before inserting a videocassette. This could take an hour or more.

Dew sensor circuit

- Under high moisture (dewed) conditions, the tape heads and cassette tape may be damaged if the VCP is operated.
- When the vehicle's cabin temperature is very low and then is heated quickly, or the humidity is very high within the vehicle, the inside of the windows most likely will be fogged. Under these conditions, the inside of the VCP most likely is dewed.
- When a dewed condition exists, the dew sensor circuit stops machine operation, ejects the cassette and the WAIT indicator illuminates. The lamp will remain illuminated until the system is dry enough to operate safely.

Cleaning video heads

Magnetic video heads convert the videocassette into pictures on the screen during playback. Over a period of time, particles rub off the tape and are left on the heads. Using an old or poor quality tape together with dust and air particles, high temperature and humidity cause dirty heads. Dirty heads generally cause "snowy" pictures and, in some severe cases, blurred or interrupted pictures. A variety of products are available at video stores to clean tape heads. Use these products sparingly, because some are abrasive to the video heads. If normal head cleaning procedures do not resolve the problem, have the system checked by a service technician.

Foreign substances

Exercise care to prevent dirt and foreign objects from entering the VCP compartment. Be especially careful not to spill liquids of any kind onto the media controls or into the videocassette player. If liquid is accidentally spilled onto the system, immediately turn the system OFF and consult a qualified service technician.

AUTOVISION® SYSTEM

Features

- 2-head hi-fi playback
- AutoPlay feature
- Digital auto tracking
- Dual stereo headphone with electric volume control
- Self docking connection for easy mobile installation
- Latching system for secure safety
- Carrying handle for portability
- Water resistant tape door
- On screen display
- Protection circuits

Playback and format

- The videocassette player of your AutoVision® system can only be used in the “playback” mode. You are not able to record with your system.
- The system plays standard videocassettes marked “VHS” (or “S-VHS”).

VCP PROTECTION CIRCUITS

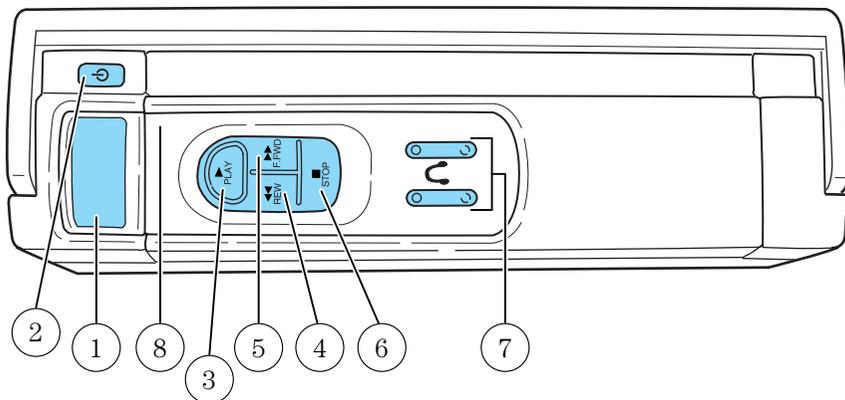
Tape protection circuit

- When the system is in PAUSE mode, the tape mechanism will continue to create tension on the tape.
- When the VCP is in still playback, FFWD (fast forward) or REW (reverse) mode for more than five minutes, the tape protection circuit automatically returns the system to PLAY mode to avoid damage to the tape.

Your AutoVision System is also equipped with a Dew sensor circuit and a High/low temperature sensor circuit. For more information on these circuits, please refer to *Humidity and moisture condensation* and *Temperature extremes* in the Introduction chapter.

Description

VCP CONTROLS



1. **LED** display

The display lamp will light up in green when power is supplied to the videocassette player.

2. **POWER** key

Press to toggle between ON/OFF. When the power is ON, other keys (PLAY, FF, REW, STOP) will illuminate.

3. **PLAY** key

Press to playback a videocassette tape.

4. **REWIND/REVIEW** button

Press to enter the reverse picture mode when in PLAYBACK mode. If in STOP mode, the tape will rewind at a high speed.

5. **FAST FORWARD/CUE** button

Press to enter forward picture search mode when in PLAYBACK mode. If in STOP mode, the tape will fast-forward at a high speed.

6. **STOP** button

Press to stop the tape.

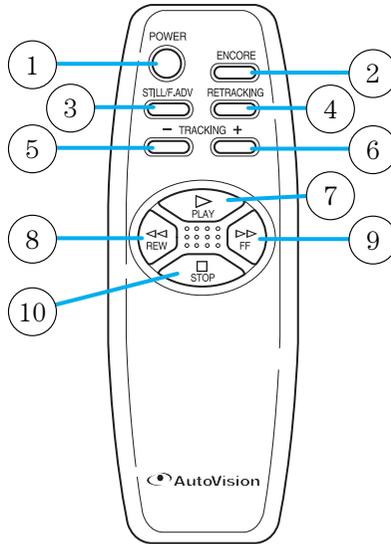
7. **HEADPHONE VOLUME UP/DOWN KEYS** button

For home use only, please refer to the *In-Home Use* section.

8. **EJECT** button

Located inside the videocassette cover. Press to eject the tape.

REMOTE CONTROL



1. **POWER** button

Press to turn the videocassette player (VCP) ON or OFF.

2. **ENCORE** button

Press to reverse the cassette for 5 seconds. Normal playback will then resume when in **PLAYBACK** mode.

3. **STILL/ADVANCE** (frame advance button)

Press to temporarily suspend playback. Press again to make the tape advance one frame at a time.

4. **RETRACKING** button

Press to activate Auto Tracking in the playback mode.

5. **TRACKING +** button

Press for manual tape tracking.

6. **TRACKING —** button

Press for manual tape tracking.

Description

7. **PLAY** button

Press to play the tape.

8. **REW** button

Press to rewind the tape.

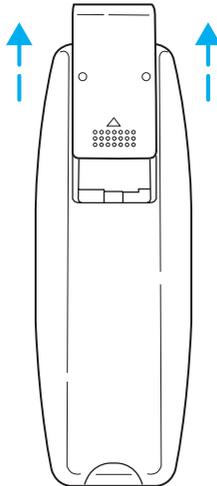
9. **FF** button

Press to fast forward the tape.

10. **STOP** button

Press to stop the tape.

BATTERY REPLACEMENT



Batteries are supplied with the remote control unit. However, they are simply for operation check and will only work for a short time.

Slide battery cover off as shown on remote control to access the batteries.

The remote control unit uses two AAA batteries.

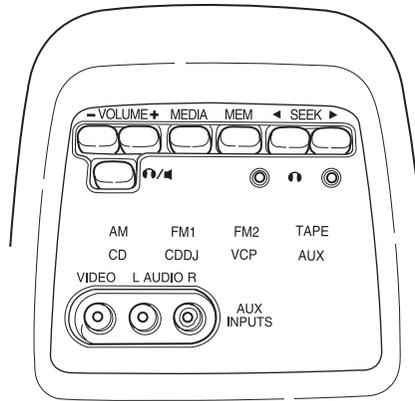
The need for battery replacement is usually indicated if the remote control only functions at extremely close distances to the entertainment center or not at all.

Description

When replacing batteries, use two new batteries (alkaline recommended) and install with correct orientation (+ and – polarities). Ensure that you use only new batteries of the same brand.

If you will not be using the remote control for a considerably long time, remove the batteries.

AUTOVISION® CONTROLS

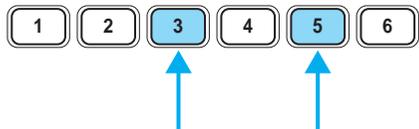


The AutoVision® controls allow the rear seat passengers to operate the radio, tape, CD or CD DJ (if equipped).

PARENTAL CONTROL

Your AutoVision® system allows you to have control over the rear seat controls. The system is automatically activated when the ignition is ON. This enables rear seat passengers to play a videocassette or listen to any of the available media sources. Once the headphone mode is activated, the  symbol will appear in the radio display.

Press the memory preset controls 3 and 5 simultaneously on the front audio controls to disable the AutoVision® controls. They will remain disabled until the front seat passengers “enable” them again by simultaneously pressing the 3 and 5 preset controls. The settings of the front seat controls will always override those of the rear seat controls.



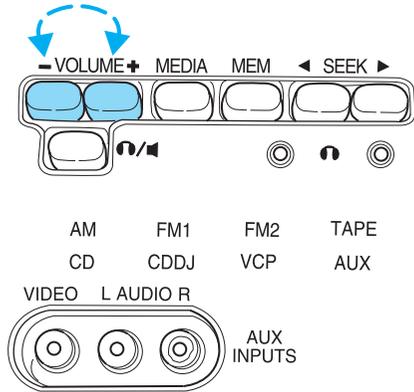
Description

ADJUSTING THE VOLUME

This control allows the rear seat passengers to adjust the volume level of the audio system.

Press the + control to increase the volume.

Press the — control to decrease the volume.



From the AutoVision® controls, the speaker volume cannot be set higher than the current volume radio setting. When in headphone mode, the AutoVision® controls can change the volume setting to any desired level.

USING HEADPHONES/PERSONAL AUDIO FEATURE

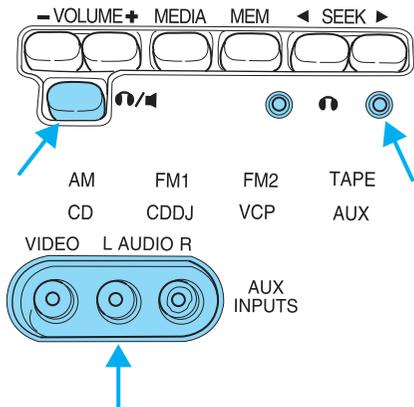
The Personal Audio Feature allows the rear seat passengers to listen to one media source (radio, TAPE, CD, CDDJ, VCP, or AUX) while the front seat passengers listen to another.

To activate, press the  /  control and plug a 3.5mm headphone into the headphone jack. With the headphones ON, the rear speakers will not operate.

Press the MEDIA control to toggle to the desired media source.

Use the SEEK, VOLUME and MEM controls to make any desired adjustments.

Press the  /  control again to engage the rear speakers and deactivate the Personal Audio Feature.



SPEAKERS ON/OFF MODE

With the speakers ON, you can adjust the audio output to all system speakers — front and rear together (headphones are disabled in this mode). The rear seat passengers can not raise the volume of the system above the level on the front radio bezel.

With the speakers OFF, the headphones are enabled. The rear seat passengers have control over the desired volume levels.

MEDIA SELECT

Press the MEDIA control to toggle between AM, FM1, FM2, TAPE, CD, CDDJ, VCP and AUX modes. When selected, the media source will illuminate.

- AM

AM radio frequency band

- FM1, FM2

FM radio frequency bands

- TAPE

cassette tape (if equipped)

- CD

single cd player (if equipped)

- CDDJ

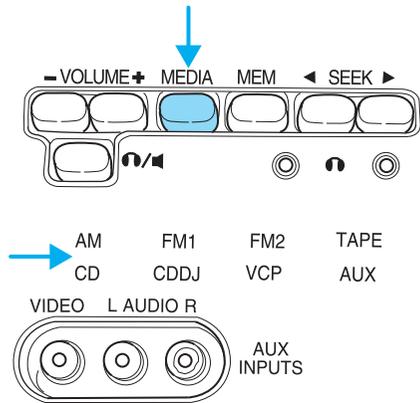
compact disc changer (if equipped)

- VCP

video cassette player

- AUX

auxiliary jack input

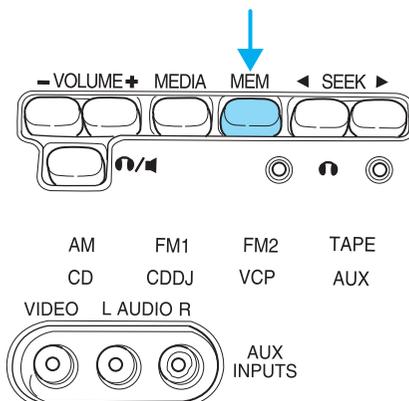


Description

MEMORY PRESET CONTROL

In radio mode, press the MEM (Memory) control successively to scroll through the memory presets in AM, FM1 or FM2.

In CDDJ mode, press the MEM (Memory) control to select the next disc in the compact disc changer. Play will begin with the first track.



SEEK FUNCTION

The SEEK control has varying functions depending on which mode is enabled.

In radio mode (AM, FM1, FM2):

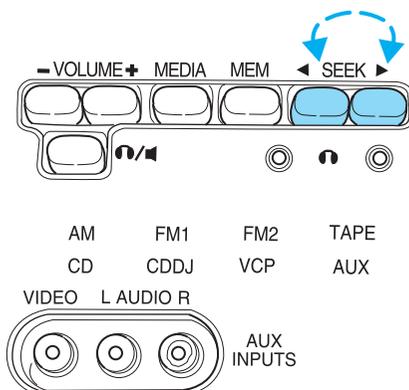
Press the ◀ control to find the next listenable station down the frequency band.

Press the ▶ control to find the next listenable station up the frequency band.

In tape mode, press the SEEK control to access the previous (◀) or the next (▶) selection.

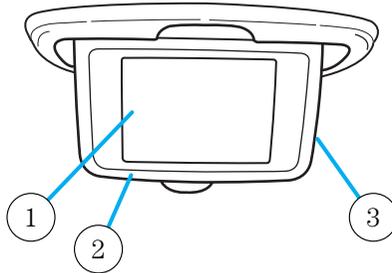
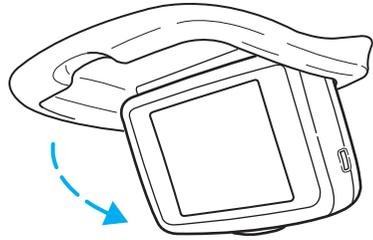
In CD mode, press the SEEK control to access the previous (◀) or the next (▶) track.

In CDDJ mode, press the SEEK control to access the previous (◀) or the next (▶) track of the currently selected disc.



FLIP-DOWN SCREEN

The screen rotates down to view and up into the housing to store when not in use. Ensure that the screen is latched into the housing when being stored.



1. 6.4" (diagonal) color liquid crystal display (LCD) screen.
2. Screen housing.
3. Dimmer switch. Rotate to increase/decrease the brightness of the screen.

Operating Instructions

GENERAL OPERATION

- When the engine is not running, use the system sparingly otherwise it will run the battery down.
- Do not leave the videocassette in the VCP overnight or for long periods of time.
- When the ignition is turned ON, audio is through the headphones as LOW volume. Press the (+) control to increase volume. To listen through the vehicle's speaker system, press the speaker button () on the media control panel.

Inserting/removing cassette

Inserting cassette

- Open the AutoVision® console cover.
- Insert the videocassette into the cassette compartment.

Inserting a videocassette into the VCP automatically turns the power ON (the indicator lamp will illuminate) and the tape will begin playback.

If the vehicle is traveling over rough terrain, it may be difficult to insert the cassette because the machine attempts to hold the cassette firmly to prevent vibration. If this condition is encountered, either press firmly or remove the cassette and insert it again.

The system will not allow a cassette to be inserted in the wrong position.

- Once the cassette is completely inserted, close the VCP and console covers.

Removing cassette

1. Open the console cover, open the VCP cover and press the STOP button.

2. Press the EJECT button.

Do not insert any foreign substances into the cassette compartment.

After removing the cassette from the VCP, close the door.

When the engine is turned OFF, the cassette is ejected from the compartment.

Operating Instructions

To play a video game

1. Connect the video line from your video game device to the YELLOW jack.
2. Connect the left and right audio cables to the WHITE and RED jacks respectively.
3. Ensure that the system is in AUX mode. The LCD screen will turn on and the AUX indicator will illuminate.

On-screen indicators

Playback operation

1. Press the POWER control on the VCP.
2. Insert a videocassette into the VCP.
3. The videocassette should automatically begin playback, and the picture will appear within approximately nine seconds.
4. Press the STOP control to stop playback or press EJECT to remove the cassette.

Fast-forward or rewind (no picture)

1. Press the FF/REW control on the VCP.
2. Press the STOP control to stop or press EJECT to remove the cassette.

The tape will fast forward or rewind until it has reached the end or the beginning.

Fast-forward or rewind (with picture)

1. While in playback mode, momentarily press the FF/REW key. The VCP will search the playback direction five times faster than normal playback mode.
2. Press the PLAY key to resume normal playback.

Operating Instructions

Special effects playback

Still playback/ Frame-to-frame playback (on remote control)

1. Press the STILL/F.ADV key while in playback mode. The playback picture becomes still.
2. Press the STILL/F.ADV key again. Each time the control is pressed, the pictures are played back one frame at a time.

The still playback feature can also be used in REW (reverse) mode.

If still playback/or frame-to-frame playback is engaged for five minutes or longer, the VCP will automatically begin playback to protect the tape.

Automatic tracking is automatically activated the moment the VCP is turned ON or a cassette is inserted.

If a videocassette is in poor shape (i.e., badly recorded), any tracking adjustment may result in failure. The VCP will eject the videocassette.

Encore (on remote control)

- Press the ENCORE control while in playback mode.

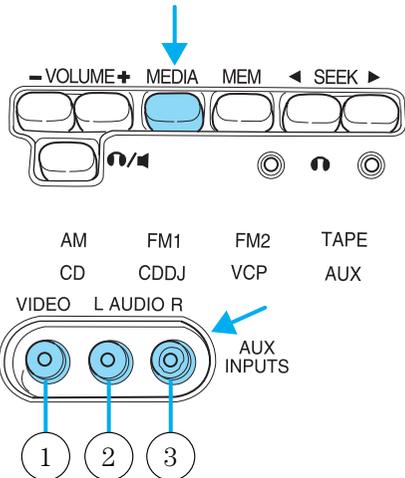
The VCP will reverse to the previous five seconds of the selection and then operate at normal playback mode.

AUXILIARY INPUT JACKS

The auxiliary input jacks on the AutoVision® control panel accepts video and audio connectors for all standard video games (Nintendo®, PlayStation®, etc.) Other compatible devices such as DVD players, camcorders and portable CD players can also be connected to the auxiliary jacks.

The auxiliary jack is color-coded for identification purposes. They are as follows:

- YELLOW (1)— video input
- WHITE (2)— left channel audio input
- RED (3)— right channel audio input



Operating Instructions

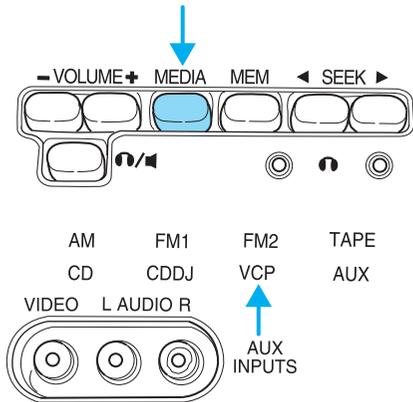
Press the MEDIA control until AUX is illuminated in the control panel. This will allow you to view the video and listen to the audio from the auxiliary input.

To listen to another audio source while viewing video from the auxiliary input, press the MEDIA control until the desired media source is illuminated.

Video source selection

The MEDIA control determines which video (VCP or Auxiliary input) is seen on the AutoVision® screen.

When the vehicle ignition is ON and the system is not in VCP mode, the AutoVision® selects the Auxiliary input as the video source. (If there is not a video source connected to the Auxiliary input jack, the screen will be blank.)



AutoPlay feature

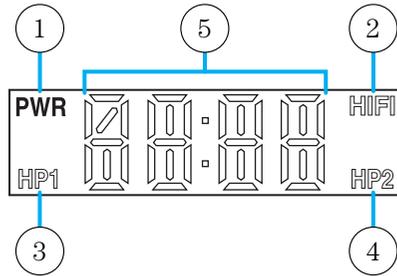
Your AutoVision® system is equipped with an AutoPlay Feature. When a video cassette is inserted into the player, video and audio sources are automatically switched to VCP. This will override any other selections currently made.

Videocassette Player Display Messages

INDICATIONS ON THE VCP

The operation and status of the VCP can be checked by the indications appearing on the LED display.

1. The **Power indicator** flashes on during POWER ON and will blink when in emergency mode.
2. The **HI-FI indicator** illuminates when a HI-FI tape is loaded.
3. The **HP1 indicator** illuminates when the headphone jack 1 is plugged in.
4. The **HP2 indicator** illuminates when the headphone jack 2 is plugged in.



5. The **Operation indicators** illuminate when the system is powered ON, a HIFI tape is being played, or headphones are being used.

The following are some possible messages that may illuminate on your LED display and their meanings.

Illuminates when there is a videocassette in the system during power off.



Illuminates when there is a videocassette in the system during power on.



Illuminates when a videocassette is ejected from the system.



Flashes during emergency mode.

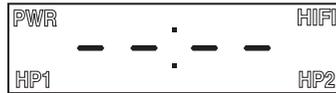


Videocassette Player Display Messages

Illuminates during power on when there is not a videocassette present in the system.



Illuminates during power off when there is not a cassette present in the system.



Illuminates when the videocassette is in REW (rewind) mode.



Illuminates when the videocassette is in FF (fast forward) mode.



Illuminates when the videocassette is in STIL (pause) mode.



Illuminates when the videocassette is in PLAY mode.



Illuminates when the videocassette is in REV (review) mode.



Illuminates when the videocassette is in CUE mode.



Videocassette Player Display Messages

Flashes separately when the videocassette is in ENCORE mode.

PWR	SCH-	HIFI
HP1		HP2

PWR	PLAY	HIFI
HP1		HP2

Displays when:

- the thermistor detects an extremely high or low temperature
- the dew sensor is activated for high humidity

PWR	WAIT	HIFI
HP1		HP2

IN-HOME USE

Your AutoVision® system is UL registered for in-home use. This system has the unique feature of also being a completely portable and able to be used in your home.

To remove your AutoVision® system from your vehicle, depress the lever on the center console labeled VCP RELEASE. This will release the VCP and enable you to remove the system from the vehicle. If pressing the lever does not release your system, please contact your dealer.

To re-install the VCP in your vehicle, insert the VCP into the console and push lightly until the VCP clicks into place.

To use the AutoVision® system in your home, you will need:

- 12 V DC power converter rated for 1.5 amps/min
- Patch cords with RCA style connectors

These parts are available in your local electronics store or call toll free 1 (877) 848-6434 for assistance.

AUXILIARY JACKS FOR HOME USE

1. VIDEO OUT

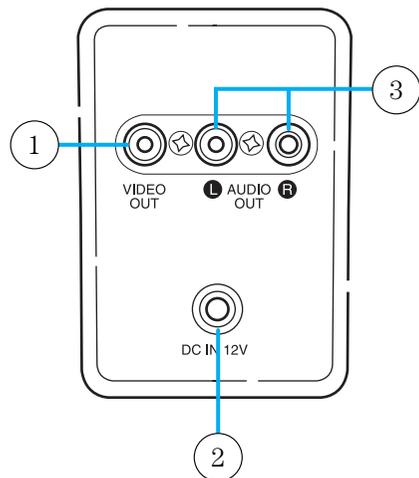
Connect this terminal to the VIDEO IN terminal of your display (LCD, TV).

2. DC jack in

Connect this jack to the DC source (DC 12V).

3. AUDIO OUT LR

Connect these terminal(s) to the AUDIO IN terminals of your display (LCD, TV).



In-Home Use

1. VIDEO IN

Connect this terminal to the AUDIO OUT terminal of your other apparatus (DVD, game machine, etc.).

2. AUDIO IN LR

Connect these terminal(s) to the AUDIO OUT terminals of your other apparatus (DVD, game machine, etc.).

3.

Plug headphones into these jacks.

