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Introduction

Your Family Entertainment System (FES) allows you to watch movie rentals and your favorite home videocassettes. Please review this user manual to become familiar with the FES features and controls as well as the very important safety information.

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 rear entertainment system. See your Ford or Lincoln-Mercury dealer.

Do not insert foreign objects into the 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.

Do not expose the liquid crystal display to direct sunlight or intensive ultraviolet rays for extensive periods of time. Ultraviolet rays deteriorate the liquid crystal.

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 FES 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.

FAMILY ENTERTAINMENT SYSTEM (FES)

Features


- videocassette player (VCP) with auto-tracking and dew sensor
- 6.8" flip-down color LCD flat screen monitor
- Media control panel with touch controls
- Standard headphone jacks (1/8")
- Wireless headphones (two sets)
- Remote control unit
- Video and audio jacks for connecting video games and video equipment*

* Auxiliary video or game equipment may require a 12-volt AC power converter.

Playback and format

- The videocassette player of your Family Entertainment System can only be used in the "playback" mode.
- The system plays standard videocassettes marked "VHS" (or "S-VHS").

Audio system

A headphone/speaker switch () on the media control panel allows the rear seat passengers to listen to audio from a videocassette over the vehicle's speakers or over headphones connected the media control panel directly.

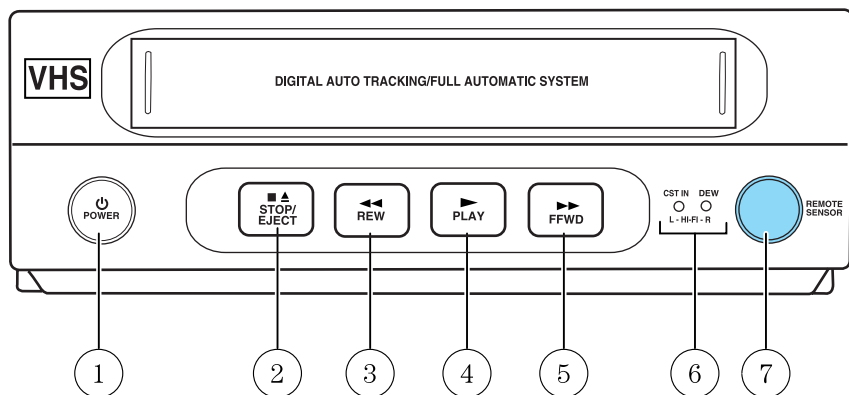
VCP PROTECTION CIRCUITS

Dew sensor circuit

- Under high moisture (dewed) conditions, the cassette heads and cassette 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 VCP may become dewed.
- When a dewed condition exists, the dew sensor circuit stops machine operation and the DEW indicator lamp on the VCP will flash. The lamp will flash until the system is dry enough to operate safely (20 minutes to one hour).

Description

VIDEO CASSETTE PLAYER (VCP) CONTROLS



1. **POWER** button

Press to turn the VCP ON or OFF.

2. **STOP/EJECT** button

When videocassette is playing, press once to stop playback operation, press again to eject the videocassette. When a videocassette is loaded but not playing, press once to eject the videocassette.

3. **REW** (Rewind) button

Press to rewind the cassette.

4. **PLAY** button

Press to playback a videocassette.

5. **FF** (Fast Forward) button

Press to fast-forward the cassette.

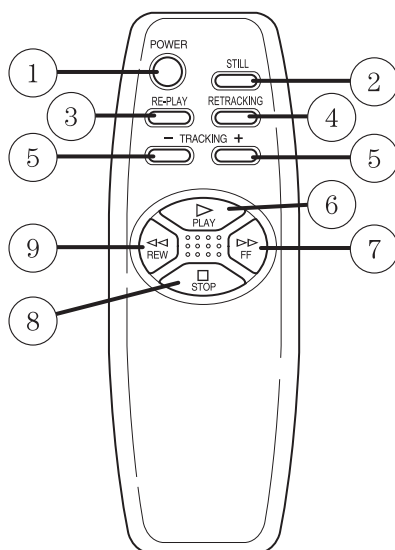
6. **Indicator Lamps**

Lamps illuminate green except when a specific function is being performed. For example, when the Play button is activated, the lamp will change from green to red. The Power button illuminates red when power to the VCP is activated.

7. **REMOTE SENSOR**

To operate the VCP with the remote control unit, aim it toward the VCP or the monitor.

REMOTE CONTROL



1. **POWER** button

Press to turn the VCP player ON or OFF.

2. **STILL** button

Press to temporarily suspend playback.

3. **RE-PLAY**

Press to reverse the videocassette for five seconds. Normal playback will then resume when in playback mode.

4. **RETRACKING**

Press to activate AutoTracking in the playback mode.

5. **TRACKING (+/-)** buttons

Press for manual cassette tracking.

6. **PLAY** button

Press to play a videocassette.

7. **FF** (Fast-Forward) button

Press to fast-forward the videocassette.

Description

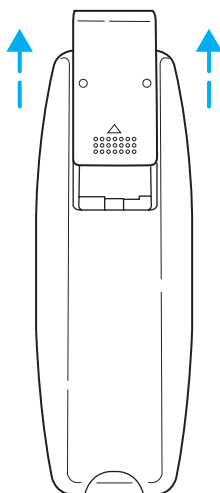
8. **STOP** button

Press once to stop videocassette play, twice to eject the videocassette.

9. **REW** (Rewind) button

Press to rewind the videocassette.

BATTERY REPLACEMENT



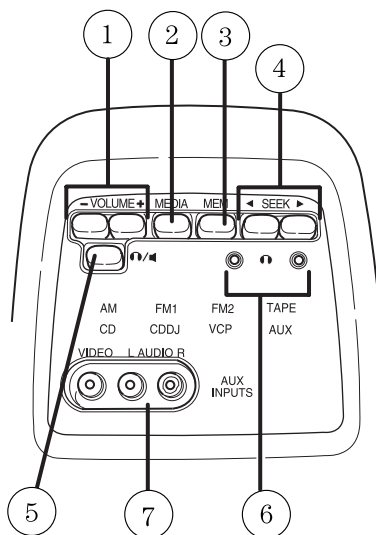
Slide battery cover off as shown on remote control to access the batteries.

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.

When replacing batteries, use new batteries (alkaline recommended) and install with correct orientation (+ and – polarities).

REAR SEAT ENTERTAINMENT MODULE (RSEM)



1. **VOLUME** buttons

Press (+) or (-) button to decrease or increase speaker volume through the radio. Will not allow the volume to be turned up past the volume which the radio is set. If you would like the volume set at a higher level, the radio volume must be adjusted.

2. **MEDIA** button

Press to switch between AM/FM1/FM2/CD/TAPE/VCP/AUX modes.

3. **MEM** button

In radio mode, press MEM to scroll through the radio memory presets in AM/FM1/FM2.

4. **SEEK UP/DOWN**

Press to change radio stations from the rear seats. This function is only available when AM/FM modes are activated through the MEDIA control.

Description

5. (headphone/speaker) button


Press to switch between “Dual Play/Single Play” Modes. See “Dual Play/Single Play” for more information. Operation of this control will affect the speakers and headphone jacks on the Media Control Panel. Headphone jacks are only active during “Dual Play” mode.

6. Headphone jacks

7. Auxiliary jacks

- VIDEO (yellow) - This is the video input to the system. Connect this terminal to the video output terminals of your device (game system or camcorder).
- AUDIO OUT L/R (white/red) - These are the audio inputs to the system. Connect these terminal(s) to the audio output terminals of your device (game system or camcorder).

DUAL PLAY/SINGLE PLAY MODES


Dual Play mode allows the driver and front seat passenger to listen to the radio while the video system is playing in the rear (through headphones only). Dual Play is activated by pressing the  control on the media control panel. Depending on which radio is installed in your vehicle, the radio display will either show “Dual Play-Single Play” or “Dual Play On-Dual Play Off” when the feature is activated or deactivated.

Single Play Mode

All speakers will be playing whichever sound source is selected (AM/FM/VCP/AUX). Volume adjustment will affect all speakers.

Dual Play Mode

The rear speakers are muted so the radio and the media control panel can be operated independently. For example, both can be on VCP or the radio can be on AM/FM/CD while the media control panel is on VCP. The headphone jacks on the media control panel are only operational when in Dual Play mode.

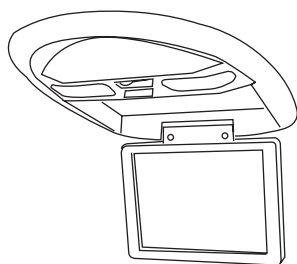
When using Dual Play for the first time (or after the battery has been disconnected and reconnected or a system fuse has blown), one of the following events may occur when pressing the  control:

- If done while the VCP is playing a videocassette, the system will switch to radio mode and the media control panel will be in the same

mode as the radio. Pressing the MEDIA control will switch modes without affecting the mode of the radio. Anytime the MEDIA control is pressed after this and dual play is activated, the media control panel will switch to the last dual play mode it was in when dual play was last deactivated.

- If done while the media control panel is in AM/FM/CD mode, the only change will be that the rear speakers will be muted.

FLIP-DOWN SCREEN



6.8" color LCD flat screen monitor and housing.

INFRARED (IR) WIRELESS HEADPHONES

Your rear entertainment system is equipped with 2 sets of infrared (IR) wireless headphones. The IR wireless headphones will only function when used in the rear seating positions and with the doors closed since they receive signals from the transmitter located in the overhead console. Also, the IR wireless headphones are only designed to be used with the VCP; they will not function in other audio modes (AM/FM1/FM2/AUX).

Two AAA batteries are needed to operate the IR wireless headphones and will work for approximately 30 hours on a set of fresh batteries. When replacing the batteries, use two new batteries (alkaline recommended) and install them with the correct + and - orientation.

Operation

GENERAL OPERATION

- When the engine is not running, use the system sparingly otherwise it will run the battery down.
- When the ignition is turned to OFF, the Rear Seat Entertainment System is also turned OFF.
- Do not leave the videocassette in the VCP overnight or for long periods of time.

Inserting/removing videocassette

Inserting videocassette

Slide a videocassette into the compartment. Inserting a videocassette into the VCP automatically turns the power ON (the RED power indicator lamp will illuminate) and the cassette will begin playback and the picture will come on in approximately 10 seconds.

Removing videocassette

Press the STOP/EJECT button twice to eject the videocassette.

Playback operation

1. Insert videocassette into the VCP.
2. Video should automatically begin playback and a picture will come on in approximately 10 seconds.
3. Tracking is automatically adjusted.
 - If excessive video “noise” (picture fluctuates up and down) occurs, manually adjust cassette tracking with the TRACKING (+) (-) buttons.
4. Press the STOP/EJECT button to discontinue playback, or press STOP/EJECT again to remove the cassette.

Fast-forward or rewind (no picture)

1. With the cassette stopped, press the FF or REW button.
2. Fast-forwarding or rewinding stops when the cassette reaches its end or beginning.

Fast-forward or rewind (with picture)

1. While the cassette is playing, momentarily press the FF button or REW button.

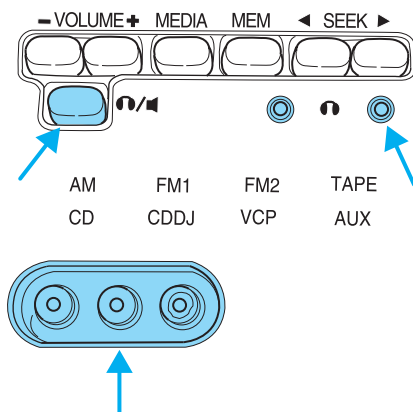
2. The VCP starts search playback in the normal (FF button) or reverse (REW button) direction at a higher speed than normal.
3. To play the cassette normally, press the PLAY button.

AUXILIARY INPUT DEVICE CONNECTION

Connecting auxiliary video equipment

The Rear Seat Entertainment System accepts video and audio RCA type connectors for all standard video games and video equipment (such as camcorders) at the auxiliary input jacks of the media control panel.

Using AUX mode



1. Plug device into AUX input jacks on the media control panel.
2. Select AUX mode using the MEDIA control on the media control panel.
3. Select Dual Play mode using the headphone/speaker control on the media control panel.

Use only wired headphones plugged into the headphone jacks on the media control panel. The wireless headphones are for the VCP only.

Troubleshooting

Use the following troubleshooting chart to remedy symptoms you may experience.

Symptom	Possible Cause	Remedy
No picture on screen after inserting a videocassette (and videocassette is playing)	RSEM control panel not in VCP mode.	Press MEDIA control until VCP is selected.
Videocassette inserted into VCP, but picture does not come on right away	The VCP takes approximately 10 seconds to play back the videocassette.	Wait 10 seconds for picture to come on the screen.
Snowy picture	VCP heads are dirty.	Use a head cleaner cartridge.
VCP won't play and DEW light is flashing red	Moisture is present inside VCP and DEW mode is active.	Allow VCP to dry for at least 20 minutes (may take up to one hour).
No sound over rear speakers in any mode.	Audio system is in Dual Play mode.	Press headphone/speaker control on RSEM control panel.
Wireless headphones don't function in AM/FM1/FM2/AUX modes	Wireless headphones will not function in these modes. Wireless headphones are only functional in VCP mode.	Plug wired headphones into the media control panel headphone jacks when in AM/FM1/FM2/AUX modes.
Wireless headphones have either no sound or poor sound quality	Wireless headphones may have weak or dead batteries.	Replace worn-out batteries.
Wireless headphones do not work when I sit in the front seat.	The wireless headphones only function when worn in a rear seating position.	Move to a rear seating position.

