

Introduction to the HIGH-LEVEL AUDIO SYSTEM

This High-Level Audio System was designed to be high-tech, yet easy to use. However, there are some new and unique features and controls on this audio system which you might want to pay particular attention to, such as:

- The Station Memory Preset buttons, which feature Automatic Memory Load and Store functions (refer to pages 24-26).
- The multi-function "AUDIO" button, which controls several features of the radio (refer to pages 27 and 28).

To get the most out of your new audio system, be sure to read **all** of the following operating instructions.

- **Radio Controls** 22
- **Cassette Tape Player Controls** 28
- **Special Radio and
Cassette Features** 32
- **Features of the FORD JBL Audio
System (Taurus only)** 35

Also check pages 56-58 for common radio reception conditions.



NOTE: Several of the controls on this radio function the same as those previously described. For operating instructions on the following controls, refer to page numbers shown.

How to turn the radio on and off — refer to page 4.

How to adjust the volume — refer to page 4.

Selecting the AM or FM frequency band

Push the “AM/FM” button to select the desired frequency band or to stop/store cassette tape (when in cassette mode). When in the radio mode pushing the button more than once will alternate between AM, FM1 and FM2. These functions are used with the station memory buttons described under **How to tune radio stations.**

How to tune radio stations

There are four ways for you to tune in to a particular station. You can manually locate the station by using the “TUNE” function, “SEEK” to the station, “SCAN” to the station or select the station by using the memory buttons, which you can set to any desired frequency.

Using the “SCAN TUNE” button to select the tune function

You can change the frequency up or down one increment at a time (FM changes in increments of 200 kHz; AM changes in increments of 10 kHz) by first pressing the “SCAN TUNE” button twice (display shows “TUNE”), then — **within five seconds** — pressing and releasing either the right (►) or left (◀) side of the “SEEK” button. To change frequencies quickly, press and **hold down** either the right or left side of the “SEEK” button.

Manual tuning adjusts your radio to any allowable broadcast frequency, whether or not a station is present on that frequency. (See **All About Radio Frequencies** on page 58.)

Using the “SEEK” function

This feature on your radio allows you to automatically select listenable stations up or down the frequency band. Press the right (►) side of the “SEEK” button to select the next listenable station up the frequency band. Press the left (◀) side of the button to select the next listenable station down the frequency band. By holding the button down, listenable stations can be passed over to reach the desired station.



How to tune radio stations (cont'd)

Using the "SCAN TUNE" button to scan radio stations

Pressing the "SCAN TUNE" button once enters the scan mode (display will indicate "SCN"). Pushing the right (►) side of the "SEEK" button will begin the scan mode up the frequency band, stopping on each listenable station for a five-second sampling. Pushing the left (◀) side of the "SEEK" button will begin the scan mode down the frequency band, again stopping on each listenable station for a five-second sampling.

To stop the scan mode on the presently sampled station, press the side of the "SEEK" button which matches the direction the radio is currently scanning, or press the "SCAN TUNE" button again.

Setting the Station Memory Preset buttons

Your radio is equipped with 6 station memory buttons. These buttons can be used to select up to 6 preset AM stations and 12 FM stations. Follow the easy steps below to set these buttons to the desired frequencies:

1. First, select either the AM or FM band by pushing the "AM/FM" button. Push the button to access the 6 AM presets (display indicates

"AM"), again to access the first 6 FM presets (display indicates "FM1") and a third time to access the second set of 6 FM presets (display indicates "FM2").

2. Tune to the desired frequency using manual, "SEEK" or "SCAN" tuning.
3. Press one of the memory buttons and hold the button in for about **two seconds** until the sound returns. That station is now held in memory on that button.
4. Follow the three steps above for each Station Memory Preset button you want to set.

Using the Automatic Memory Load and Automatic Memory Store features

NOTE: The Station Memory Preset buttons should have already been set at the Dealership using the **Automatic Memory Load** feature of this new system. If the memory buttons have been set, either by using the Auto Memory Load feature **or** if you have set them manually, the system is prepared to let you use a convenient feature called **Automatic Memory Store**. If they have not been stored yet, you can activate the **Auto Memory Load** feature by pressing and holding the "AUTO PRESET" button **for three seconds**. Auto Memory Load sets all memory buttons in AM, FM1 and FM2 sequentially by seeking out the first six strong stations for the respective band and storing them in memory buttons 1-6. (FM2 will store the second set of strong stations from the FM band.)

Auto Memory Store is essentially the same as Auto Memory Load, except that with Auto Memory Store, you can continually set strong stations into your memory buttons without losing your originally set stations, which is especially handy while traveling. Your radio will automatically set



Using the Automatic Memory Load and Automatic Memory Store features (cont'd)

your memory buttons to the strong local stations so you don't have to continually manually tune to existing stations — they will always be at your fingertips using this feature.

Activate Auto Memory Store by pushing the "AUTO PRESET" button once. Your radio will set the first six strong stations of the band you are in (AM, FM1 or FM2) into the memory buttons. The display will show "AUTO," then run through the frequencies, stopping momentarily on the stations being set into the memory buttons. The radio is now in the "AUTO" mode and this display will show "AUTO" each time a preset is activated.

NOTE: If there are less than six strong stations in the frequency band, the remaining unfilled buttons will store the last strong station detected on the band.

After all stations have been filled, the radio will begin playing the station stored on memory button 1.

To deactivate the Auto Memory Store mode and return to the manually-set memory button stations (or those stations set using Auto Memory Load), simply push the "AUTO PRESET" button. Display will show "AUTO" then "OFF" The next time Auto Memory Store is activated on that band, the radio will store the next set of six stations.

Using the "AUDIO" button to adjust the tone balance and speaker output

Increasing or decreasing bass response

Bass control allows you to adjust the lower, bass frequencies to your preference. Push the "AUDIO" button repeatedly until the display reads "BASS." Push the "+" side of the "VOLUME" button to increase bass (more "lows"), and push the "-" side to decrease bass (less "lows").

Increasing or decreasing treble response

Treble control allows you to adjust the higher, treble frequencies of your radio to your preference. Push the "AUDIO" button repeatedly until the display reads "TREB." Push the "+" side of the "VOLUME" button to increase treble (more "highs"), and push the "-" side to decrease treble (less "highs").

Adjusting speaker balance

Balance control allows you to adjust the sound distribution between the right and left speakers. Push the "AUDIO" button repeatedly until the display reads "BAL." Push the "+" side of the "VOLUME" button to shift the sound to the right speakers, and push the "-" side to shift the sound to the left speakers.

Adjusting speaker fader

Fade control allows you to adjust the sound distribution between the front and rear speakers. Push the "AUDIO" button repeatedly until the display reads "FADE." Push the "+" side of the "VOLUME" button to shift the sound to the front speakers, and push the "-" side to shift the sound to the rear speakers.



NOTE: Illuminated bars in the display show relative levels of bass and treble, and positions of speaker balance and fader functions (left to right, front to rear).

How to insert a tape

NOTE: Radio power must be on to play the cassette tape player.

Your cassette tape player is equipped with power loading. Once you insert a tape and push slightly (with the **open edge to the right**), the loading mechanism draws the tape the rest of the way in and play will begin after a momentary (1 second) tape tightening process. Display indicates "M" (for metal/CrO₂) while tape is playing.

NOTE: A cassette tape can be loaded with the ignition on whether or not the radio power is on. However, with radio power off, the cassette tape is loaded and stored.

How to locate a desired selection on the tape

There are three ways to quickly locate a desired selection on the tape. You can use the fast forward, reverse or "SEEK" function. Following are brief descriptions of each.

Fast forwarding the tape

To fast forward the tape, press the "FF" button. The radio will begin playing until fast forward is manually stopped (by pushing the "PLAY PROG" button) or the end of the tape is reached.

At the end of the tape, the direction automatically reverses and plays the other side of the tape.

Fast rewinding the tape

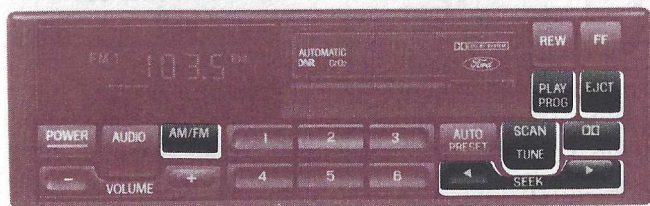
To rewind the tape, press the "REW" button. The radio will automatically begin playing until rewind is manually stopped (by pushing the "PLAY PROG" button) or the beginning of the tape is reached.

Using the "SEEK" function with a cassette tape

While in the tape mode, push the right (►) side of the "SEEK" button to seek forward to the next selection on the tape. Push the left (◀) side to seek the previous tape selection.

NOTE: If you want to restart a currently playing tape selection, press the left (◀) side of the "SEEK" button after three seconds into the current selection.

Whirling sprockets in the display (" ⚙ ") indicate the direction of tape travel.



How to locate a desired selection on the tape (cont'd)

Using the "SCAN TUNE" button to scan cassette selections

Press the "SCAN TUNE" button to enter the scan mode (display indicates "SCN"). Pushing the right (►) side of the "SEEK" button will begin the forward scan mode on the tape currently playing, stopping on each tape selection for an eight-second sampling.

Pushing the left (◀) side of the "SEEK" button will begin the reverse scan mode, stopping on each previous tape selection for an eight-second sampling. While scanning, the display indicates whirling sprockets plus an "S" (" ⚙ S ").

To stop the scan mode on the presently sampled tape selection, press the side of the "SEEK" button which matches the direction the tape is currently being scanned in or press the "SCAN TUNE" button.

Reversing the direction

The alternate track of the tape can be selected anytime by pressing the "PLAY PROG" button.

How to eject the tape

To stop the tape and eject the cassette, press the "EJECT" button. The radio will resume playing if the radio power is on. The tape cartridge can be ejected with radio power (and/or ignition) on or off.

How to store the tape

Press the "AM/FM" button to stop the tape player and resume radio play. The cassette will be stored in the tape player and the "■" symbol in the display will be lit until you push the "PLAY PROG" button to resume tape play. Fast forward and fast rewind can be used while the tape is in storage mode without interrupting radio play.

Using the Dolby B noise reduction feature

Your cassette tape player is equipped to let you enjoy your tapes to their fullest potential. Some tapes are recorded with Dolby B noise reduction and should be played in the Dolby B noise reduction mode for best sound reproduction. Push the Dolby B (□□) button to activate. The display will show "□□" when activated.

***NOTE:** Noise reduction system manufactured under license from Dolby Labs Licensing Corporation. "Dolby" and double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.*



Special radio and cassette features

Automatic Dynamic Noise Reduction™

Your audio system is equipped to automatically switch into Dynamic Noise Reduction™ (DNR™) when under a weak AM or FM signal condition, and will automatically switch out of DNR™ when it is not needed for signal strength.

Automatic local/distant seek and scan

Your audio system will automatically seek and scan in the "distant" mode while in the FM frequency band. What this means is that while in FM, if you use the "SEEK" or "SCAN" function, your radio will stop on both strong and weak stations automatically. When in AM, seek and scan will be in the distant mode with the car's headlamps off, but will always start out in the "local" mode when the headlamps are on. If no stations are found in the local mode (while on AM with the headlamps on), your radio automatically "tries again" in the distant mode.

Automatic bass/loudness

Your audio system is equipped to automatically increase bass level when the volume is decreased and decrease bass level when the volume is increased. (The illuminated bars in the display will not indicate any bass change.)

Automatic memory load

If desired, all the AM and FM manual memory presets can be automatically loaded by pressing and holding the "AUTO PRESET" button for **three seconds**. For more information, refer to pages 25-26.

Automatic tape tightening

Your audio system cassette tape player automatically goes into momentary fast rewind (approximately 1 second) when a tape is first inserted to tighten any loose tape in the cartridge.

Tape error messages

Your cassette tape player is equipped to diagnose certain problems you may experience. Error codes are as follows:

- Error 0 — Communication error between the radio controller and the tape controller. The cassette player will eject the tape. Insert the tape again. If the same error code appears, turn the ignition off, then back on again and insert the tape.
- Error 1 — Possible problem cartridge. The cassette tape player will eject the tape. Insert the tape again. If the same error code appears in the display, try a different cartridge.
- Error 2 — Tape eject or load failure. Your cassette tape player will go into the pause mode. Push "EJCT" to eject the tape. If the tape doesn't eject, refer the problem to qualified personnel for service.

DNR™ is a trademark of National Semiconductor Corp.

Tips on caring for your cassette player and tapes

In order to keep your cassette tape player performing the way it was meant to, read and follow these simple precautions:

- Only cassettes that are 90 minutes long or less should be used. Tapes longer than 90 minutes are thinner and subject to breakage or may jam the tape player mechanism.
- Protect cassettes from exposure to direct sunlight, high humidity and extreme heat or cold. If they are exposed to extreme conditions, allow them to reach a moderate temperature before playing.
- Loose labels on cassette tapes can become lodged in the mechanism. Remove any loose label material before inserting a cassette.
- If a tape is loose inside the cassette, tighten it before playing by putting your finger or a pencil into one of the holes and turning the hub until the tape is tight.
- Do not leave a tape in the cassette tape player. High heat in the vehicle can cause the cassette to warp.
- Using a Ford Cassette Cleaning Cartridge to clean the tape player head after 10-12 hours of play will help maintain the best playback sound and proper tape operation.

Features of the FORD JBL Audio System

Available on Taurus only.

The FORD JBL Audio System uses the High-Level Audio System with a specifically designed speaker and amplifier system. Great care has been taken to acoustically design the system to provide the best sound reproduction and balanced performance for your automobile.

Your FORD JBL system consists of seven speakers, two located in each of the front doors and one on each side of the rear package tray plus a subwoofer.

Six speakers provide the mid-range and high frequencies, powered by a 60-watt, 4-channel amplifier. A subwoofer speaker for superior bass performance is located in the rear package tray. It is powered by its own 85-watt amplifier.

What is FORD JBL?

Confused about all the technical jargon? Well you don't have to be an expert to know great sound. It's as simple as hearing the music the way it was meant to be heard...full-bodied, rich, powerful and clear. And that's the same whether you listen to classical, jazz, pop, rock or country-western.

Ford added the outstanding loudspeaker system of JBL to an already superior audio system, because we know that speakers are the key to great sound. In a nutshell, that's what FORD JBL offers you...and it's a system you must hear to believe.