2. BEHIND THE WHEEL

Driving Your Hyundai

o Be sure that the cassette label is not loose or peeling off or tape ejection may be difficult.

o Never touch or soil the actual audio tape surfaces.

o Keep all magnetized objects, such as electric motors, speakers or transformers away from your cassette tapes and tape player unit.

o Store cassettes in a cool, dry place with the open side facing down to prevent dust from settling in the cassette body.

o Avoid repeated fast reverse usage to replay one given tune or tape section. This can cause poor tape winding to occur, and eventually cause excessive internal drag and poor audio quality in the cassette. If this occurs, it can sometimes be corrected by fast winding the tape from end to end several times. If this does not correct the problem, do not continue to use the tape in your vehicle.

o The playback head, capstan and pinch rollers will develop a coating of tape residue that can result in deterioration of sound quality, such as a wavering sound. They should be cleaned monthly using a commercially available head cleaning tape or special solution available from audio specialty shops. Follow the supplier's directions carefully and never oil any part of the tape player unit.

o Always be sure that the tape is tightly wound on its reel before inserting in the player. Rotate a pencil in the drive sprockets to wind up any slack.

NOTE:

Look at a tape before you insert it. If the tape is loose, tighten it by turning one of the hubs with a pencil or your finger. If the label is peeling off, do not put it in the player. It may cause the tape to jam in the drive mechanism when you try to eject it.

Do not leave tape sitting where they are exposed to high temperatures or, high humidity, such as on top of the dashboard or in the player. If a tape is extreme heat or cold, let it reach a moderate temperature before putting it in the player.

JB790A3-A

ANTENNA

Your car uses a fixed mast antenna to receive both AM and FM broadcast signals.

YL11200A

Head

Cotton applicator

YL11210A

MP50240A

1- 67
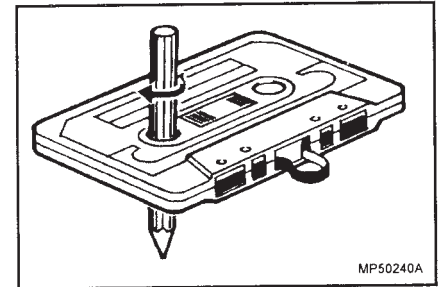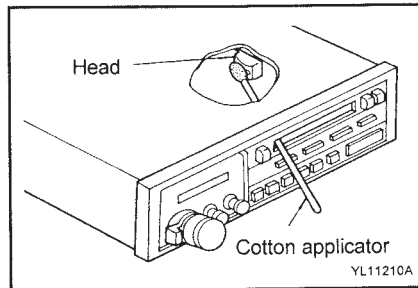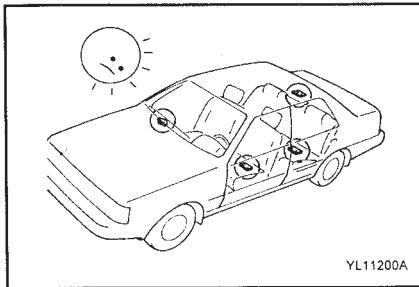
JB580B1-A
Care of DISC
Proper Handling
Handle your disc as shown. Do not drop the disc. Hold the disc so you will not leave fingerprints on the surface. If the surface is scratched, it may cause the pickup to skip signal tracks. Do not affix tape, paper, or gummed labels on the disc. Do not write on the disc.

Damaged Disc
Do not attempt to play damaged, warped or cracked discs. It could severely damage the playback mechanism.

Storage
When not in use, place your discs in their individual case and store them in a cool place away from the sun, heat, and dust.
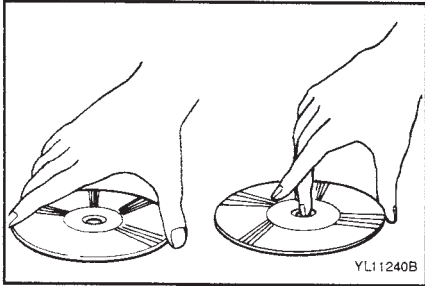
Do not grip or pull out the disc with your hand while the disc is being pulled into the unit by the Self Loading mechanism.
Do not pull the unit from the dash immediately after a disc is inserted or the Eject Switch has been pressed. If the unit is pulled out before an operation is completed, the disc will be unstable in the unit and may be damaged.
Do not attempt to insert a disc into the unit when the unit is out of the dash or the power is off.

Keep Your Discs Clean
Fingerprints, dust, or soil on the surface could cause the pickup to skip signal tracks. Wipe the surface clean with a clean soft cloth. If the surface is heavily soiled, dampen a clean soft cloth in a solution of mild neutral detergent to wipe it clean. See drawing.
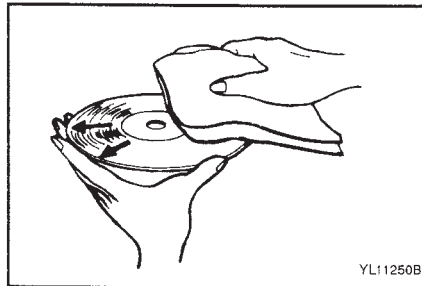
ZB540C1-A
Care of Cassette Tapes
Proper care of your cassette tapes will extend the tape life and increase your listening enjoyment. Always protect your tapes and cassette cases from direct sunlight, severe cold and dusty conditions. When not in use, cassettes should always be stored in the protective cassette case in which they were originally supplied. When the vehicle is very hot or cold, allow the interior temperature to become more comfortable before listening to your cassettes.

o   Never leave a cassette inserted in the player when not being played. This could damage the tape player unit and the cassette tape.
o   We strongly recommend against the use of tapes longer than C-60 (60 minutes total). Tapes such as C-120 or C-180 are very thin and do not perform as well in the automotive environment.

YL11240B

YL11250B

ZM11190A

1- 66
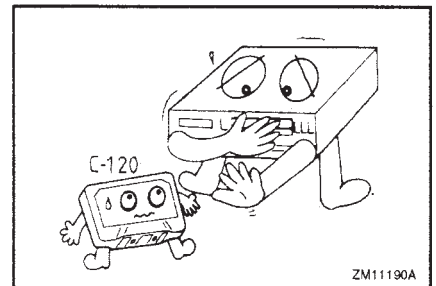
1. +, - SEARCH, TRACK UP/DOWN

1) Press the button once to make the Track No. search UP/DOWN.
2) If you press the button over 0.5 second, you can get FWD/RWD operation.

2. PLAY/PAUSE

1) If a disc is already loaded and in Stop or Pause mode, press the PLAY/PAUSE button to start playback.
2) While the disc is playing, press the PLAY/PAUSE button to pause CD playback.
3) A disc can be loaded without changing mode and will remain unchanged while pressing the MUTE button to eject the disc.
4) While a disc is in the PAUSE mode, PAUSE will illuminate on the display.

3. STOP/EJECT

1) Press the STOP/EJECT button once to stop CD playback and to change to Radio/Cassette operation.
2) Press the STOP/EJECT button twice to eject the disc.

4. RANDOM PLAY

1) A disc will be played back in a random sequence.
2) Press the RANDOM button to play back in a random sequence while the disc is in play.
3) While the disc is in PAUSE mode, press RANDOM button and then PLAY/PAUSE button to play back in a random sequence.
4) After all the tracks are played back, the unit will played back again in a random sequence. The same track will not be played back twice in one cycle of the disc.
5) RANDOM PLAY indicator will illuminate.

5. SCAN

1) Press this SCAN button to playback the first 10 seconds of a track.
2) Scan play will be repeated until you release SCAN button.

6. POWER LOADING

1) Power loading system will pull a disc in and guide it into the play position.
2) At the ejected position, a disc can be loaded into disc slot by pressing PLAY/PAUSE button or pressing the disc edge lightly to move it forward.
3) When a disc is loaded by pressing PLAY/PAUSE button, it will automatically begin playback.
4) If the disc remains at the ejected position more than 15 seconds, the disc will automatically reload into the mechanism.

7. COMPRESSION

Press the COMPRESSION button to activate the COMPRESSION function.
Press the COMPRESSION button again to deactivate.
This feature allows the unit to narrow the dynamic range (difference between big and small sound) to decrease rapid change in sound difference when you change from tape/radio mode to disc mode.

1- 65

JB580A1-A
COMPACT DISC PLAYER OPERATION (CD-10)

3. STOP/EJECT

5. SCAN

4. RANDOM PLAY

6. POWER LOADING

7. COMPRESSION

STOP/EJECT

SCAN   RANDOM   COMPRESS

PLAY/PAUSE

TRACK   TIME

HYUNDAI

2. PLAY/PAUSE

1. +, - SEARCH, TRACK UP/DOWN

YN11191A

1- 64
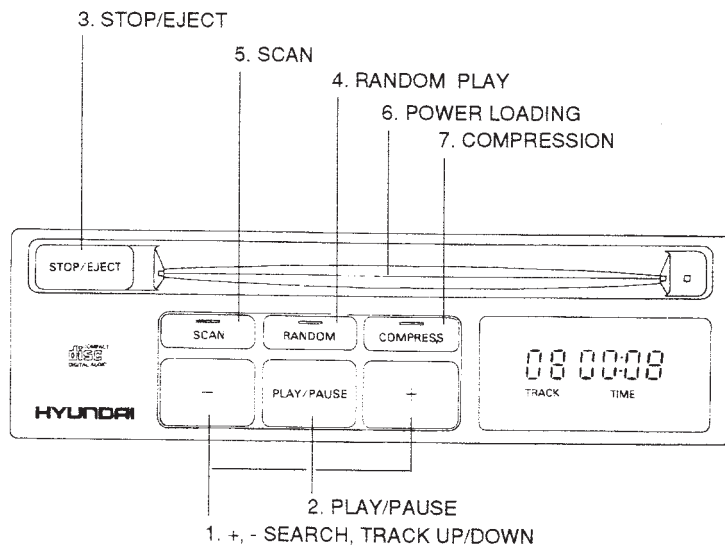
NOTE:
o To assure proper operation of the unit, keep the vehicle interior temperature within a normal range by using the vehicle's air conditioning or heating system.
o When replacing the fuse, replace it with a fuse having the correct capacity.
o The preset station frequencies are all erased when the car battery is disconnected. Therefore, all data will have to be set again if this should occur.
o Do not add any oil to the rotating parts.
o Keep magnets, screwdrivers and other metallic objects away from the tape mechanism and head.
o This equipment is designed to be used only in a 12 volt DC battery system with negative ground.
o This unit is made of precision parts. Do not attempt to disassemble or adjust any parts.
o When driving your vehicle, be sure to keep the volume of the unit set low enough to allow you to hear sounds coming from the outside.
o Do not expose this equipment (Including the speakers and tape) to water or excessive moisture.

1. PLAY/PROGRAM button (PLY/PRG)

The play starts when PLY/PRG button is pressed during FF or REW. The playback side is reversed to start the play when the PLY/PRG button is pressed during PLAY.

2. FAST FORWARD button (FF)

o The FF (fast forward tape winding) starts when the FF button is pressed during the PLAY or REW.

o When the tape end occurs during FF, the PROG is reversed, to start the play.

o The play starts when the PLY/PRG button is pressed during FF.

3. REWINDING button

o The REW (rewinding) starts when the REW button is pressed during PLAY or FF.

o When the tape end occurs during REW, the play starts.

o The play starts when the PLY/PRG button is pressed during REW.

4. EJECT button

o When the EJECT button is pressed with the cassette loaded, the cassette is ejected.

o When the EJECT button is pressed during the FF/REW, the cassette is ejected.

5. DOLBY button

o Whenever the DOLBY button is pressed in the TAPE mode, DOLBY Noise Reduction will be turned ON or OFF.

o DOLBY ON and OFF conditions are stored in memory unless the battery is disconnected.

NOTE:
Reduction will be turned ON or OFF

6. MS (Music Sensor) button

Press the button to find the starting point of each program in a prerecorded music tape. The quiet space between programs (must have at least a 3 sec. gap) can be sensed by the music sensor (MS) circuit. If MS is not required, press the MS button again.

NOTE:
Most commercially available music cassette tapes are suitable for the MS system.

How to operate the MS:

Press the MS button and the red light on the button will light up.

Forward MS:

Pressing the tuning button(+) will play the beginning of the next music segment.

Rewind MS:

Pressing the tuning button(-) will start replay at the beginning of the music just listened to.
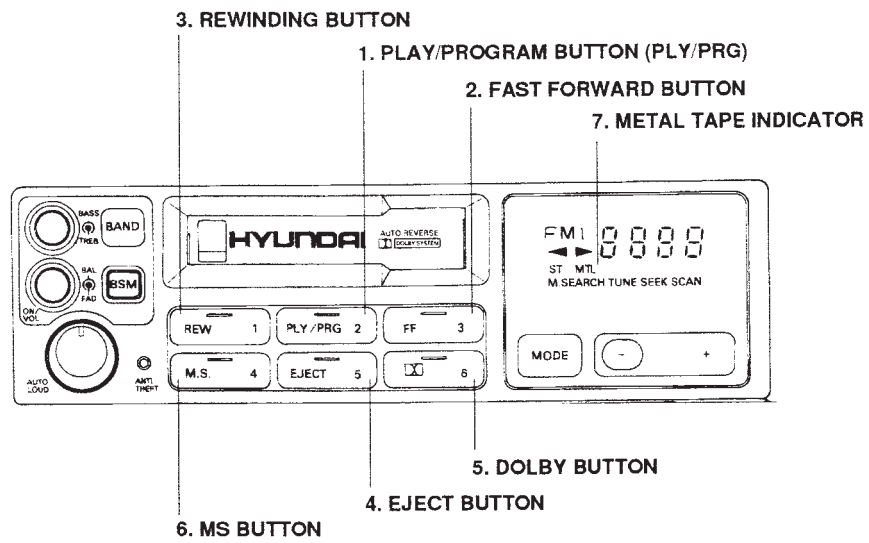
Tapes not suitable for MS operation:

The MS circuitry may not function properly for tapes described below, causing tapes to stop midway through a program or to overrun the space between programs.

1. Tapes which contain intermittent sound such as conversations, lectures, news, or music that includes many silent or mute passages.

2. Tapes which have a very short time interval between recorded programs.

3. Tapes which have a high level of noise or hum between programs.

4. Tapes which have a particularly low recorded level.

1- 62

JB570B1-A
CASSETTE TAPE PLAYER OPERATION (H565)

3. REWINDING BUTTON

1. PLAY/PROGRAM BUTTON (PLY/PRG)

2. FAST FORWARD BUTTON

7. METAL TAPE INDICATOR

5. DOLBY BUTTON

4. EJECT BUTTON

6. MS BUTTON

YN11186A

1- 61

9. BEST STATION MEMORY button (BSM)

o When the BSM button is pressed for two seconds or longer, the preceding memory is all cleared, and six channels with the highest field intensity are selected and kept in memory of the preset key in the sequence of the preset key in the sequence of frequencies.

o After the auto memory operation, CH1 is selected and received.

o If memory cannot be made, either FM0 or AM0 is displayed.

o The auto memory operates on each band, namely, AM, FM1 and FM2.

10. PRESET STATION SELECT

Six (6) stations for AM, FM1 and FM2 respectively can be preset in the electronic memory circuit on this unit.

HOW TO PRESET STATIONS

Six AM and twelve FM stations may be programmed into the memory of the radio. Then, by simply pressing the band select button and/or one of the six station select buttons, you may recall any of these stations instantly. To program the stations, follow these steps:

o Press band selector to set the band for AM, FM1 and FM2.

o Select the desired station to be stored by seek, scan or manual tuning.

o Determine the preset station select button you wish to use to access that station.

o Press the station select button for more than two seconds. A select button indicator will show in the display indicating which select button you have depressed. The frequency display will flash after it has been stored into the memory.
You should then release the button, and proceed to program the next desired station. A total of 18 stations can be programmed by selecting one AM and one FM stations per button.

o When completed, any preset station may be recalled by selecting AM, FM1 or FM2 band and the appropriate Station Button.

1- 60

1. POWER ON-OFF/VOLUME CONTROL KNOB

The radio unit may be operated when the ignition key is in the "ACC" or "ON" position. Rotate the knob clockwise to switch the radio unit on, and to increase the volume. Turn the knob counter-clockwise to reduce the volume, and to switch the radio unit off.

2. FADER control (FAD)

Press to pop the knob out and rotate the sleeve to adjust the sound levels between the front and rear speaks.

3. BALANCE control (BAL)

Press to pop the knob out and turn it clockwise or counter clockwise until sound from the left and right speakers is about equal from your listening position.

4. TREBLE control (TREB)

Press to pop the knob out and turn to the left or right for the desired treble tone.

5. BASS control

Press to pop the knob out and turn to the left or right for the desired bass tone.

6. BAND selector

Pressing the BAND button changes the AM, FM1 and FM2 bands. The mode selected is displayed on LCD.

7. UP/DOWN TUNING button

Press the button to select a higher or lower station frequency.

8. TUNE/SEEK/SCAN SELECT button (MODE button)

When this button is pressed in the RADIO mode, the current mode is switched over to the CYCLIC mode.

TUNE- SEEK- SCAN

o TUNE (Manual) Selection

(1) Select the TUNE with the MODE button.
(2) The moment the tuning button is pressed for 0.5 sec. or less, the frequency moves one step up or down.
(3) With the button held down, the stop signal (broadcasting radio wave) is ignored, and channel selection continues.

o SEEK Operation (Automatic Channel Selection)

(1) Select the SEEK mode using the MODE button.
(2) The moment the tuning button is pressed, the SEEK UP or DOWN starts.
(3) The stop signal remains effective even with the button held down.
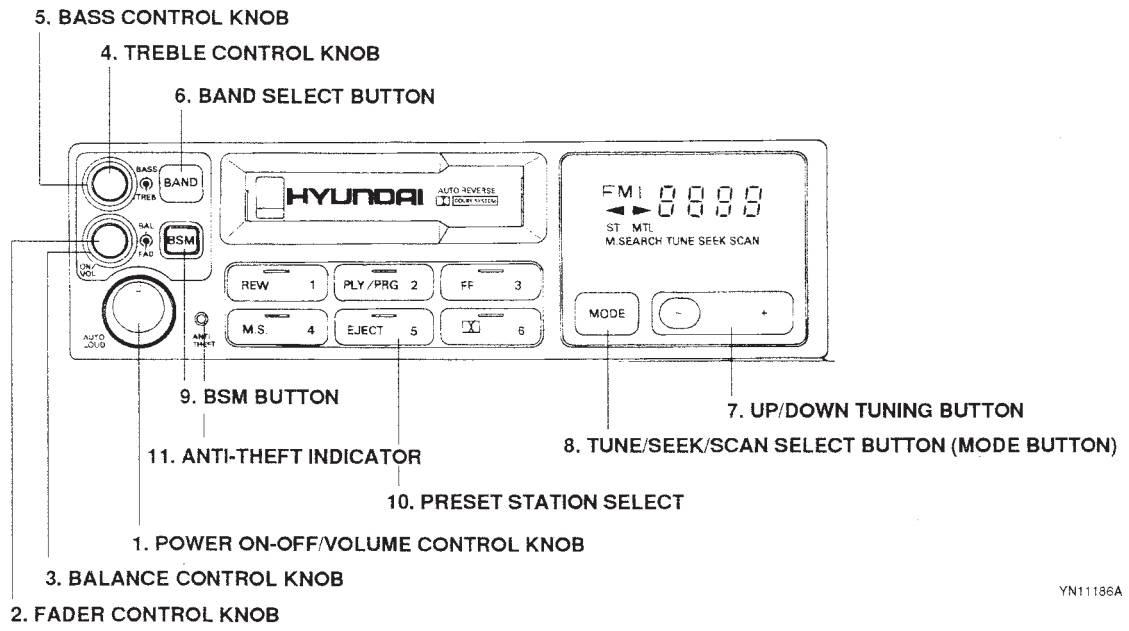(4) The unit automatically tunes to the next higher or lower frequency and locks on to that station.

o SCAN

(1) Select the SCAN mode with the MODE button.
(2) Press the TUNING button for more than two seconds and scan tuning will be activated with the frequency flashing in the display. Tuned frequency will increase or decrease, stopping for 5 seconds at each station. Press the TUNING button again, to hold desired station.

JB570A1-A
STEREO RADIO OPERATION (H-565)

5. BASS CONTROL KNOB

4. TREBLE CONTROL KNOB

6. BAND SELECT BUTTON

9. BSM BUTTON

11. ANTI-THEFT INDICATOR

10. PRESET STATION SELECT

7. UP/DOWN TUNING BUTTON

8. TUNE/SEEK/SCAN SELECT BUTTON (MODE BUTTON)

1. POWER ON-OFF/VOLUME CONTROL KNOB

3. BALANCE CONTROL KNOB

2. FADER CONTROL KNOB

YN11186A

YB560H1-A

1. FF/REW Button

o The FF (fast forward tape winding) starts when the (+) side is pressed during the PLAY or REW.

o The play starts when the (+) side is pressed again during the FF.

o The REW (rewinding) starts when the (-) side is pressed during the PLAY or FF.

o The play starts when the (-) side is pressed again during the REW.

2. AUTO MUSIC SELECT Button

Press the button to find the starting point of each song in a prerecorded music tape.

The quiet space between songs (must have at least a 4 sec. gap) can be accepted by the AUTO MUSIC SELECT button.

o Pressing the (+) side will play the beginning of the next music segment.

o Pressing the (-) side will start replay at the beginning of the music just listened to.

3. TAPE PROGRAM Button

This allows you to play the reverse side of the tape by merely depressing the program button. An arrow will appear in the display to show tape direction.

4. EJECT Button

o When the EJECT button is pressed with the cassette loaded, the cassette is ejected.

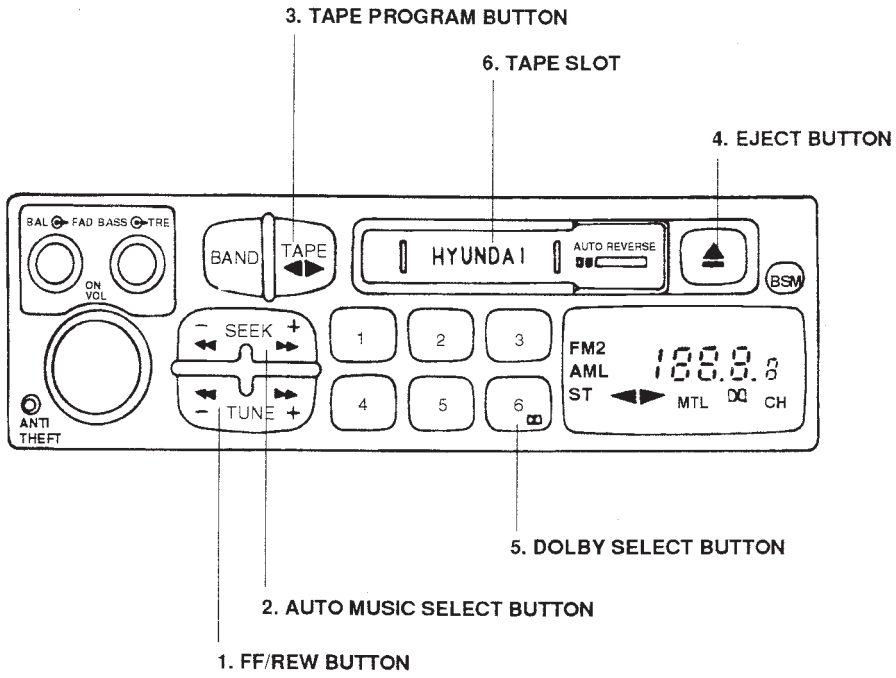o When the EJECT button is pressed during the FF/REW, the cassette is ejected.

5. DOLBY SELECT Button

If you get background noise during PLAY, your can reduce this considerably by merely pressing DOLBY SELECT button.

If you want to release, press the button again.

1- 57

YB560G1-A

CASSETTE TAPE PLAYER OPERATION (H820)

3. TAPE PROGRAM BUTTON

6. TAPE SLOT

4. EJECT BUTTON

5. DOLBY SELECT BUTTON

2. AUTO MUSIC SELECT BUTTON

1. FF/REW BUTTON

YR11184A

1- 56

7. BAND Selector

Pressing the BAND button changes the AM, FM1 and FM2 bands. The mode selected is displayed on LCD.

8. BEST STATION MEMORY Button (BSM)

When the BSM button is pressed for two seconds or longer, the preceding memory is all cleared, and six channels with the highest field intensity are selected and kept in memory of the preset key in the sequence of the preset key in the sequence of frequencies.

YB560F1-A

1. POWER ON-OFF/VOLUME CONTROL KNOB

The radio unit may be operated when the ignition key is in the "ACC" or "ON" position. Press and rotate the knob clockwise to switch the radio unit on, and to increase the volume. Turn the knob counterclockwise to reduce the volume, and press to switch the radio unit off.

2. BAL (Balance Control) Knob

Pop-up control knob with one push. Turn the control knob clockwise to emphasize right speaker sound. (Left speaker sound will be attenuated)
When the control knob is turned counterclockwise, left speaker sound will be emphasized. (Right speaker sound will be attenuated)

FAD (Fader Control) Knob

Further pull-lock position of popped-up knob. Turn the control knob clockwise to emphasize front speaker sound. (Rear speaker sound will be attenuated)
When the control knob is turned counterclockwise, rear speaker sound will be emphasized. (Front speaker sound will be attenuated)

3. BASS Control Knob

Press to pop the knob out and turn to the left or right for the desired bass tone.

1- 54

TREBLE Control Knob

Further pull-lock position of popped-up knob. Turn to the left or right for the desired treble tone.

4. TUNE (Manual) Selection

Each press of the (+) side increases the frequency in 0.2 MHZ steps in FM band, 10 KHZ in AM band and vice versa.
With the button held down for 0.5 sec. or more, the stop signal (broadcasting radio wave) is ignored and channel selection continues.

5. SEEK Operation
   (Automatic Channel Selection)

When the (+) side is pressed, the unit will automatically tune to the next higher frequency and when the (-) side is pressed, it will automatically tune to the next lower frequency.

6. PRESET STATION SELECT Button

Six (6) station for AM, FM and FM2 respectively can be preset in the electronic memory circuit on this unit.

HOW TO PRESET STATIONS

Six AM and twelve FM stations may be programmed into the memory of the radio. Then, by simply pressing the band select button and/or one of the six station select buttons, you may recall any of these stations instantly. To program the stations, follow these steps:

o Press band selector to set the band for AM, FM and FM2.
o Select the desired station to be stored by seek, scan or manual tuning.
o Determine the preset station select button you wish to use to access that station.
o Press the station select button for more than two seconds. A select button indicator will show in the display indicating which select button you have depressed. The frequency display will flash after it has been stored into the memory.
   You should then release the button, and proceed to program the next desired station. A total of 18 stations can be programmed by selecting one AM and one FM station per button.
o When completed, any preset station may be recalled by selecting AM, FM or FM2 band and the appropriate station button.
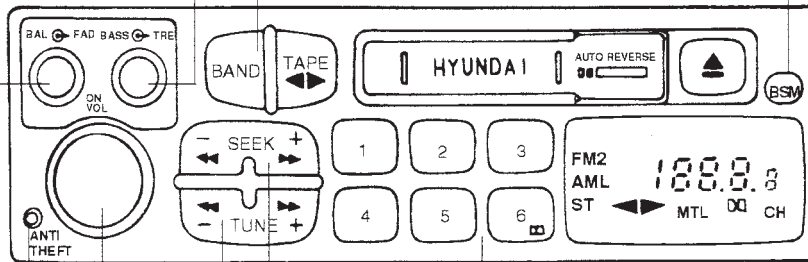
YB560E1-A

STEREO RADIO OPERATION (H820) (If installed)

2. BALANCE/FADER CONTROL KNOB (BAL/FAD)

3. BASS/TREBLE CONTROL KNOB (BASS/TRE)

7. BAND Selector

8. BEST STATION MEMORY BUTTON

6. PRESET BUTTONS

5. SEEK SELECT BUTTON

4. TUNE SELECT BUTTON

1. POWER ON/OFF, VOLUME CONTROL KNOB

YR11184A

9. ANTI-THEFT INDICATOR

1- 53

7. BAND Selector

Pressing the BAND button changes the AM, FM1 and FM2 bands. The mode selected is displayed on LCD.

8. TAPE PROGRAM button

This allows you to play the reverse side of the tape by merely depressing the program button. An arrow will appear in the display to show tape direction.

9. FF/REW/EJECT buttons

When you press the button whose arrow in the same direction as the tape play arrow in the display the tape will advance at high speed. When you press the button whose arrow is in the display the tape will rewind at high speed. To stop FF or REW action, press the opposite button or press the tape program button. But if the tape program button is pressed, it will also reverse the tape play direction. To eject the tape, press the FF and REW buttons simultaneously.

DB550D1-A

1. POWER ON-OFF/VOLUME CONTROL KNOB

The radio unit may be operated when the ignition key is in the "ACC" or "ON" position. Rotate the knob clockwise to switch the radio unit on and to increase the volume. Turn the knob counterclockwise to reduce the volume and to switch the radio unit off.

2. BAL (Balance Control) Knob

Pop-up control knob with one push. Turn the control knob clockwise to emphasize right speaker sound. (Left speaker sound will be attenuated)
When the control knob is turned counterclockwise, left speaker sound will be emphasized. (Right speaker sound will be attenuated)

FAD (Fader Control) Knob

Further pull-lock position of popped-up knob.
Turn the control knob clockwise to emphasize front speaker sound. (Rear speaker sound will be attenuated)
When the control knob is turned counterclockwise, rear speaker sound will be emphasized. (Front speaker sound will be attenuated)

3. BASS Control Knob

Press to pop the knob out and turn to the left or right for the desired bass tone.

TREBLE Control Knob.

Further pull-lock position of popped-up knob.
Turn to the left or right for the desired treble tone.

4. TUNE (manual) Selection

Each press of the (+) side increases the frequency in 0.2 MHz steps in FM band, 10 kHz in AM band and vice versa.
With the button held down for 0.5 sec. or more, the stop signal (broadcasting radio wave) is ignored and channel selection continues.

5. SEEK Operation
   ## (Automatic Channel Selection)

When the (+) side is pressed, the unit will automatically tune to the next higher frequency and when the (-) side is pressed, it will automatically tune to the next lower frequency.

6. PRESET STATION SELECT Button

Six (6) stations for AM, FM and FM2 respectively can be preset in the electronic memory circuit on this unit.
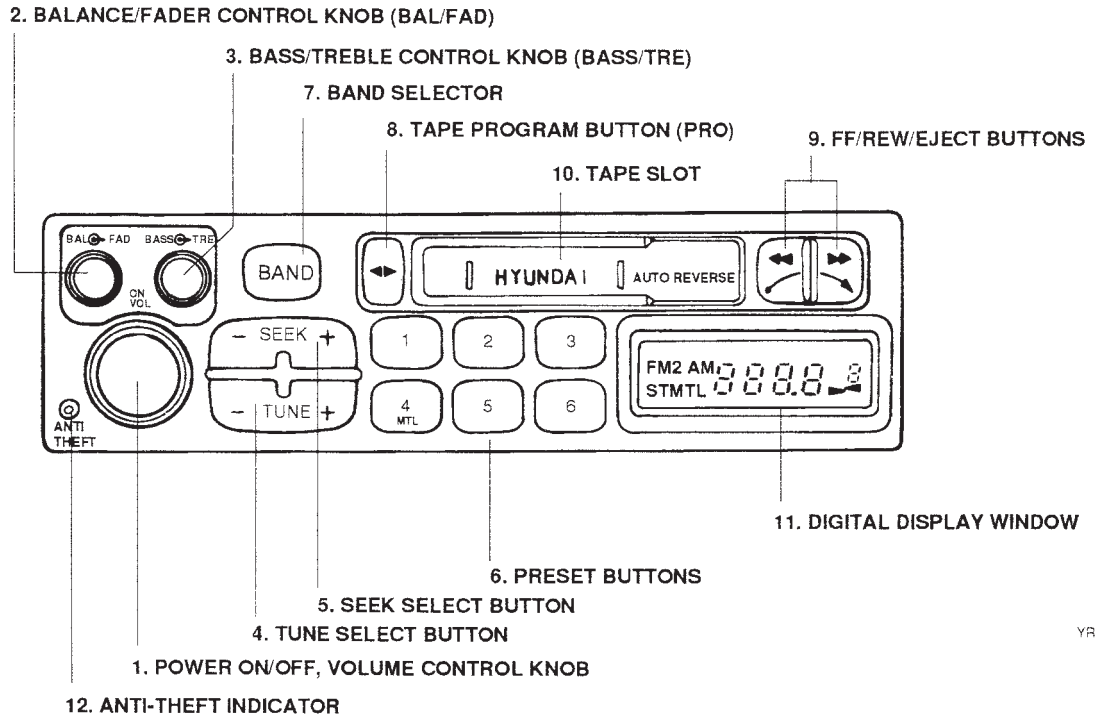
HOW TO PRESET STATIONS

Six AM and twelve FM stations may be programmed into the memory of the radio. Then, by simply pressing the band select button and/or one of the six station select buttons, you may recall any of these stations instantly. To program the stations, follow these steps:

o Press band selector to set the band for AM, FM, and FM2.
o Select the desired station to be stored by seek, scan or manual tuning.
o Determine the preset station select button you wish to use to access that station.
o Press the station select button for more than two seconds. A select button indicator will show in the display indicating which select button you have depressed. The frequency display will flash after it has been stored into the memory.
   You should then release the button, and proceed to program the next desired station. A total of 18 stations can be programmed by selecting one AM and one FM station per button.
o When completed, any preset station may be recalled by selecting AM, FM or FM2 band and the appropriate station button.

1- 51

DB550C1-A

STEREO RADIO AND CASSETTE TAPE PLAYER OPERATION (H810) (If installed)

2. BALANCE/FADER CONTROL KNOB (BAL/FAD)

3. BASS/TREBLE CONTROL KNOB (BASS/TRE)

7. BAND SELECTOR

8. TAPE PROGRAM BUTTON (PRO)

9. FF/REW/EJECT BUTTONS

10. TAPE SLOT

11. DIGITAL DISPLAY WINDOW

6. PRESET BUTTONS

5. SEEK SELECT BUTTON

4. TUNE SELECT BUTTON

YR11185A

1. POWER ON/OFF, VOLUME CONTROL KNOB

12. ANTI-THEFT INDICATOR

1- 50

NOTE:
The identification number is on the "USER CARD" that came with your Hyundai. This "USER CARD" should not be left with the radio, but in a safe place, not in the vehicle. The identification number should also be recorded in a secure place. If you need an additional "USER CARD" or if you should lose it, your authorized Hyundai dealer can make a new one.

Canceling an Incorrect Identification Number

If the incorrect identification number is input, the Anti-Theft system will activate and the radio unit will become inoperable. To correct this, press and hold the "BAND(FM/AM)" button for 3 seconds or more, until the incorrect number on the LCD disappears and "COdE" is displayed again.

NOTE:
If an incorrect identification number is entered 3 times, it will not be possible to cancel the incorrect identification number until one hour has elapsed with the ignition switch in the "ACC" position and the radio turned on. After one hour, press and hold the "BAND(FM/AM)" button for 3 seconds or more until the incorrect number disappears and "COdE" is displayed.
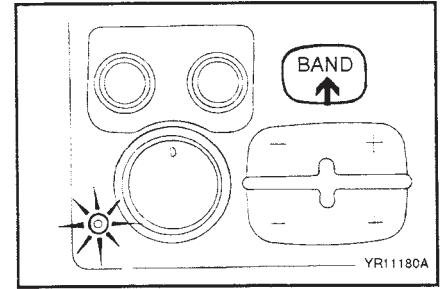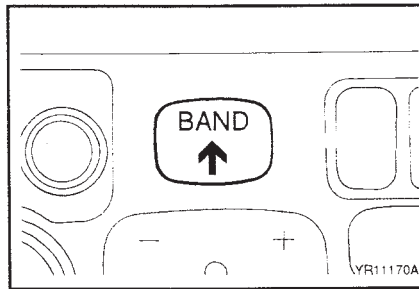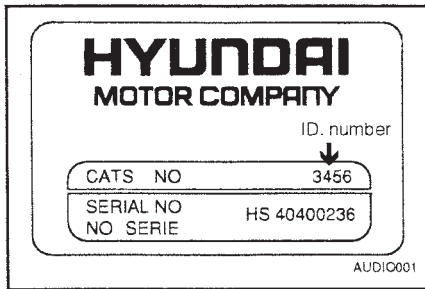
NOTE:
The Anti-Theft system will be activated if the electrical power source is ever disconnected from the radio unit. If this happens, like the battery being discharged or disconnected, see "Setting the Anti-Theft system".

Anti-Theft Indicator

The Anti-Theft indicator On/Off Control is available with the ignition key in the Off position. With the Power Switch in the Off position, press the BAND(FM/AM) button to cancel the Indicator Blinking Mode, and simply push the BAND(FM/AM) button again to re-activate the Indicator Blinking Mode again.

NOTE:
If the radio will not be used for long time, the Anti-Theft Indicator Blinking Mode should be set to the Off position to save vehicle battery power.

HYUNDAI
MOTOR COMPANY

ID. number

CATS NO	3456
SERIAL NO	HS 40400236
NO SERIE	

AUDIO001

BAND

YR11170A

BAND

YR11180A

o Station Swapping - As a FM signal weakens, another more powerful signal near the same frequency may begin to play. This is because your radio is designed to lock onto the clearest signal. If this occurs, select another station with a stronger signal.

o Multi-Path Cancellation - Radio signals being received from several directions can cause distortion or fluttering. This can be caused by a direct and a reflected signal from the same station, or by signals from two stations with close frequencies. If this occurs, select another station until the condition has passed.
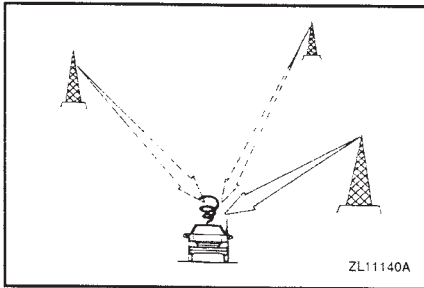
ZB500B1-A
ANTI-THEFT SYSTEM (If installed)
Setting the Anti-Theft system

To deter theft of your radio, the system is designed so that the radio unit becomes inoperable if it is stolen from the vehicle or the identification number is not input.

1. Make sure that the power switch is on, with the ignition switch in the "ACC" position. The "COdE" will be displayed on the LCD.

2. Input your identification number by pressing the "PRESET" buttons in sequence. If your number is 3456, press the 3 button for the first digit, the 4 button for the second digit, the 5 button for the third digit and the 6 button for the last digit.

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