9000 VNR
Audio & Navigation System

9000 VNR
Audio & Navigation System

DEALER STAMP

AFFIX RADIO KEYCODE/SERIAL NUMBER LABEL HERE

AFFIX CD CHANGER CRIN LABEL HERE

K E Y C O D E

Ford

System Keycode

RADIO KEYCODE

K E Y C O D E

Ford

This card will be extremely useful if your Ford Audio System is stolen.

Use the space provided to record the details of your own vehicle's Keycode security number. Then detach the Keycode card and keep it in your wallet or purse.

Leave the rest of this card at home with your other vehicle documents.

Complete and detach this perforated card and keep it in a safe place – but not in your vehicle.

Always lock your vehicle and hide valuable items away from prying eyes.

Anti-theft systems to protect your vehicle can be obtained from your local Ford Dealer.

If your vehicle is broken into, notify the police immediately. Do not touch anything until you are advised to do so.

Contents

⚠ The Navigation System provides you with information designed to help you to reach your destination quickly and safely.
For reasons of safety, the driver should programme the system only when the vehicle is stationary.

The Navigation System is not a substitute for your personal judgment. Route suggestions should not supercede local traffic regulations or safe driving practises.

Useful information

Operating Instructions

ANTI-THEFT PROTECTION PANEL

To deter would-be-thieves, Ford audio units have a removable front panel without which the unit will not work.

Slide the security release button down and remove the front panel. To reposition the panel, insert the bottom edge first then the top edge until the retaining latch is engaged.
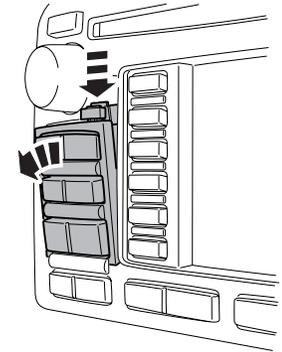
Replacement Panels

Your Ford Dealer will require the following if you need to order a replacement panel:

1. Your name and address.

2. The Vehicle Identification Number (visible in the corner of the windscreen).

3. The audio unit type (e.g. 9000 VNR).

4. Proof of identification (e.g. Driver's Licence, Identity Card).

5. A vehicle invoice (if the audio unit was installed in the vehicle prior to delivery) or a parts invoice if the audio unit was purchased separately from the vehicle, or an appropriate vehicle registration document.

KEYCODE SECURITY

If the battery is disconnected or the radio is removed from a vehicle, the audio unit will not work.

Ford audio systems incorporate a unique Keycode security number which must be entered before the unit will operate again.

Recording the Keycode

When you take delivery of your vehicle, the Keycode should be noted on the Keycode card at the front of this guide. Detach the card and keep it in a safe place, but not inside the vehicle.

If you lose the Keycode, contact your dealer and supply details of your audio unit along with some proof of identity. Your dealer will then obtain the correct code from Ford Motor Company Limited.

To enter a Keycode

If you switch on the audio unit and four empty windows appear in the display, you must enter a Keycode before the unit is operational.

An on-screen display provides instructions on how to enter your code. Use the station preset buttons. Press 1 repeatedly until the correct first digit is shown in the display.

Then press preset buttons 2, 3 and 4 in the same way until the complete correct Keycode is shown.

Press the button alongside the on-screen 'DONE' display to enter the Keycode. The audio unit will then operate.

If an incorrect number is entered

Ford audio units accept up to TEN Keycode entry attempts. A numeral in the display shows the number of attempts made.

- If an incorrect number is entered, the display reverts to four empty windows again and another entry attempt may be made.
- If 'Incorrect code' and 'WAIT 30' appears, wait until the time counts down to zero. When four empty windows are displayed, try to enter the Keycode.

- If 'Incorrect code, keycode locked after 10 tries' appears, the unit is permanently inoperative. Contact your local Ford dealer for help and advice.
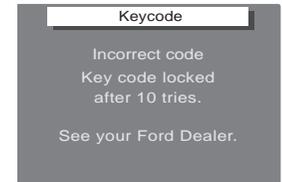
VEHICLE IDENTIFICATION NUMBER (VID)

If an audio unit is stolen and then recovered, it can be very difficult to trace the original owner.

Every vehicle has a unique Vehicle Identification number. If this number has been entered into the audio unit's memory, it will help the police to trace its owner.

The number appears in the unit's display whenever power is restored. For the location of this number on your vehicle, please refer to your Owner's Guide.

To enter or alter this code

Select the button alongside 'AUDIO', then the button alongside 'MORE'.

Use the control switch to select 'Vehicle Identification'.

- To enter or alter a Vehicle Identification Number, first enter the Keycode, see page 4.

- The audio unit goes quiet and the display shows either a previously entered vehicle identification number or 'VID:'.

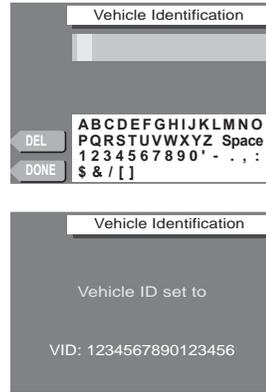- Use the control switch to select or change characters as required. A total of 16 characters can be displayed.

- Press the button alongside 'DONE' to confirm your selection.

Vehicle Identification

ABCDEFGHIJKLMNO
PQRSTUVWXYZ Space
1234567890' - . , :
$ & / [ ]

DEL

DONE

Vehicle Identification

Vehicle ID set to

VID: 1234567890123456

The following tips will help you gain the best reception from your high quality Ford audio system.

To gain the best reception, always tune to the strongest station signal available.

AM (MEDIUM/LONG WAVE) RECEPTION

Under most conditions, strong MW and LW signals provide stable sound quality and little signal disturbance.

However, at night, atmospheric conditions may sometimes lead to interference from foreign stations.

FM RECEPTION

The FM waveband offers higher quality sound reception, but signal strength can be subject to interference caused by:

- The limited range of some transmitters.

- Reception distortion as signals reflect off local buildings and other objects.

- Signal 'dead spots' where reception is obstructed or restricted.

Waveband
selector

On/Off and
Volume control

Map screen
selection

Phone mode
selection

Navigation
system
selector

CD
control

Traffic Message
Channel*

Menu
button

On-screen
display buttons

CD
eject

CD

9000 VNR

CD CHANGER COMPATIBLE

NAV

MAP

VOL
ON/OFF

MENU

AM/FM

TA   TMC

◄   ►

HOME

1 2   3 4   5 6

ENTER

Current position
display selector

Control switch/
Enter button

Seek tuning controls/
CD track selection

'Home' location preset
button

Undo/Back
button

Traffic
information

Station preset
buttons

*TMC broadcasts are only available in certain countries.

ON/OFF AND VOLUME

Press for on/off. This button can also operate the unit for up to one hour with the ignition key removed. The radio automatically switches off after one hour.
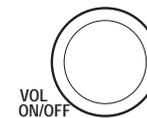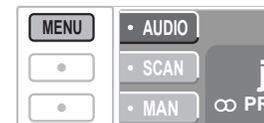
Use the rotary control to adjust volume levels. An on-screen display shows the level selected.

To adjust the volume level of voice prompts, see page 24.

AUDIO SETTINGS

Select the MENU button alongside the on-screen 'AUDIO' display.

Then use the control switch to make a selection and to adjust bass, treble, balance (left to right) or fade (rear to front).

For 'MORE' features, refer to:

- 'CLIP' - see page 48.
- 'AVC' - see page 48.
- 'Vehicle Identification' - see page 5.
- 'Display settings' - see page 49.

The display reverts to normal after a few seconds.
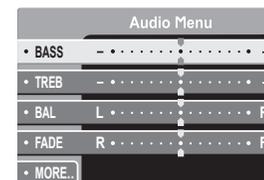
AM/FM

Press AM/FM for radio reception.

CD

- With a navigation disc inserted, press CD to select playback from the CD changer.
- If a navigation disc is not inserted, press CD once to select single disc playback or twice for playback from the CD changer.

NAV

Press NAV to select the navigation system during radio or CD playback.

VOL
ON/OFF

MENU   • AUDIO
        • SCAN
        • MAN   ∞ PR1

ENTER

Audio Menu
• BASS   − • • • • • • • • • • • • • • +
• TREB   − • • • • • • • • • • • • • • +
• BAL   L • • • • • • • • • • • • • • R
• FADE   R • • • • • • • • • • • • • • F
• MORE..

AM/FM

CD

NAV

PHONE

Press ☎ to enter phone mode and to mute radio reception or CD playback.

SCREEN DISPLAYS

If the navigation system is activated during radio reception or CD playback, audio output continues but route guidance screens appear in the display.

During radio reception

• Press AM/FM to restore a radio display.

• Press CD for CD playback and a CD display.

During CD playback

• Press CD to restore a CD display.

• Press AM/FM for radio reception and a radio display.

Route guidance continues uninterrupted and the display reverts to a route navigation screen once again, to show the next manoeuvre on the route selected.

AUTOMATIC SCREEN DISPLAY CHANGES

With the navigation system operating and radio reception selected, press ◄► to locate the next station down or up the selected waveband, without interrupting route guidance. A radio display appears automatically, then reverts to a route guidance screen to show the next manoeuvre on the route selected.

With the navigation system operating and CD playback selected, press ◄► to select the previous or next track, without interrupting route guidance. A CD display appears automatically, then reverts to a route guidance screen showing the next manoeuvre as and when it is required.

PRINCIPLES OF OPERATION

By using satellites, road maps stored on a computer disc (CD-ROM) and a Global Positioning System receiver, the navigation system can direct the driver to the required destination. Directions are in the form of verbal instructions and pictograms in the display.

Verbal instructions will override other audio playback e.g. radio.

What is a Global Positioning System?

A Global Positioning System (GPS) makes it possible to determine any position on land, water or in the air. With the help of satellites which orbit the Earth, the navigation system can determine the vehicle's current position. These satellites transmit position and time signals which can be received in the car.
If your vehicle leaves the road network on the CD-ROM, GPS will locate your actual position.

Getting started

⚠️ For road safety reasons information should only be entered when the vehicle is stationary.

⚠️ Observe highway code restrictions! Do not take any risks. If you are unable to make a U-turn, continue your journey. The navigation system will recalculate your route to get you back to an appropriate road to your destination.

⚠️ The route guidance navigation system in your audio unit will not function unless a mapping programme CD-ROM is inserted into the single disc player. It is possible to eject this disc and to replace it with another CD, but it is recommended that a CD changer be used if playback from a standard music CD is required.

CD CARE AND MAINTENANCE

For best possible results, make sure the navigation CD is clean and in good condition.
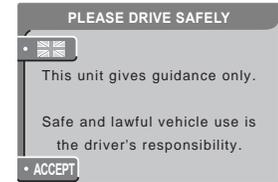
GENERAL INFORMATION

Navigation information is presented as a series of menus in the display. Select the item that is required and follow the instructions given.

The following pages provide basic information for using satellite navigation. More detailed information to help you use all of the features available on the navigation system is described later.

Getting started

'Please drive safely'

If this screen appears, press the button alongside the on-screen flag display to select the language required (see page 28). Press the button alongside 'ACCEPT' to continue.

PLEASE DRIVE SAFELY

This unit gives guidance only.

Safe and lawful vehicle use is the driver's responsibility.

• ACCEPT

To select navigation mode

Press NAV to access the navigation system menu.

When viewing a menu:

- Use the control switch/Enter to highlight an item in the display.
- Press the control switch/Enter to make your selection.

If you select the wrong item, press the undo/back button to return to the previous screen, or press 'MENU' to return to the main navigation menu and start again.

Selecting a destination

From the main navigation system menu, use the buttons alongside the on-screen menu or control switch to select from the following options:

- 'Address/Intersection' – To select a destination based on a known street address or intersection.
- 'Point of Interest' – To select a destination that is a point of interest location. For example, an airport, restaurant or hospital.
- 'Previous Destination' – To select a destination from among the last thirty entered destinations.
- 'Address Book' – To select a destination from previously stored entries.
- 'Option Menu' – See page 28.
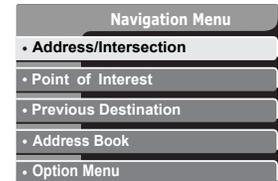
Note: 'Address/Intersection' and 'Point of Interest' destination selections are not available while the vehicle is in motion.

Navigation Menu
- Address/Intersection
- Point of Interest
- Previous Destination
- Address Book
- Option Menu

Spell or list the destination required

Having made a selection from the main navigation system menu, there are two ways to choose the destination:

- Spell mode – A keyboard display enables you to spell out a town/city, a street or a point of interest using the control switch. A highlight bar moves automatically to search for your destination.
- After each letter is highlighted, press the control switch/Enter button to make your selection.

  Press the button alongside 'DELETE' to move back to previously selected characters.
- To confirm your destination, press the button alongside 'LIST' and the control switch to enter it.
- List mode – This refers to a list of locations. Scroll through and enter a selection using the control switch. The list covers towns/cities, streets or points of interest and a highlight bar indicates the line selected.

Selecting route criteria

Having selected the destination required, use the control switch to select from the following route criteria options:

- 'Shortest Time Route'.
- 'Shortest Distance'.
- 'Avoid Toll Roads'.
- 'Avoid Major Roads'.
- 'Use Major Roads'.

Select Street

```
A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z
À Á Ï Ñ Ò Ó Ô Õ Ø Ù Ú Û ß
Î Ï Ñ Ò Ó Ô Õ Ø Ù Ú Û ß
_ ' [ ] ( ) – . $ & / * #
, 0 1 2 3 4 5 6 7 8 9
```

- DELETE
- LIST

```
SEAX WAY
1
1 DE MAYO, CALLE
  LARGO DUANO
```

- DELETE

Select Town/City

COUNTY: NOORD-BRABA

- NAME

```
ABERBARGOED
LONDON
'S-HERTOGENBOSCH+
'S-HERTOGENBOSCH
```

Select Route Criteria

- Shortest Time Route
- Shortest Distance
- Avoid Toll Roads
- Avoid Major Roads
- Use Major Roads
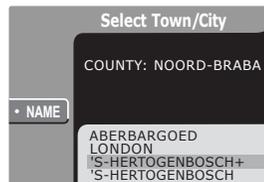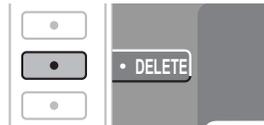
Route calculation

When the route criteria selection has been made and entered, the navigation system automatically calculates a route to the destination required.

Once calculated, this route appears on the display screen and a voice prompt provides a first route direction instruction once driving has commenced.

Map or Guide route displays

Press 'MAP' to select a map screen. The details in this display are as follows:

(1) Selects map scale (ZOOM).

(2) TMC – see page 31.

(3) Current directional heading.

(3A) Signal strength – see page 25.

(4) Current position of your vehicle.

(5) Estimated time to desination.

(6) Distance to final destination.

(7) Direction of travel.
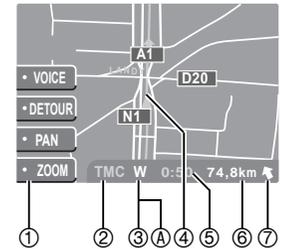
Press NAV to select a guide display. The details in this display are as follows:

(1) TMC – see page 31.

(2) Current directional heading.

(2A) Signal strength – see page 25.

(3) Next directional change.

(4) Estimated time to destination.

(5) Distance to directional change.

(6) Distance to final destination.

(7) Direction of final destination.

(8) Counts down distance to next junction.
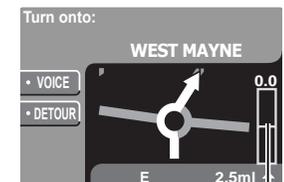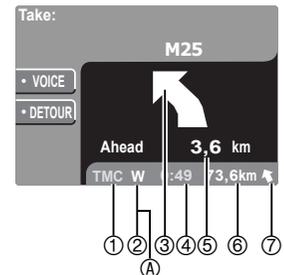
Using the current position button

With the navigation system selected, press the ⊡ button to identify the exact current position of the vehicle. A display provides the details.

Using the HOME button

With the navigation system selected, press and hold 'HOME' to set the vehicle's current position in the navigation system memory.

Pressing 'HOME' again provides a quick way to select the shortest time route back to the same location as stored previously.

During a journey

- To repeat the last voice instruction, press the button alongside 'VOICE'.
- To detour from the route selected, see page 26.
- To stop over during route guidance, see page 27.
- To cancel route guidance, see page 27.
- To alter a map scale or review other system options, see page 28.

The following pages describe in detail how to use your navigation system.

SELECTING A DESTINATION
Address/Intersection

Use the control switch to select 'Address/Intersection'. Two options are available:

- 'Town/City Name' – Use the control switch to select this option if you know the town or city name.
- 'Street Name' – Use the control switch to select this option if you know the street address but are uncertain of the city.

Make your selection and the following options are available:

- 'Address Range' – select the number of the destination you require.
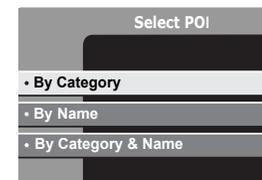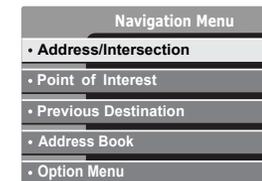- 'Intersection' – select the intersection nearest to the destination required.

Note: Selecting 'Street Name' first is often the quickest way to find a location.

Point of Interest (POI)

This destination option enables you to specify a particular place, like an airport or petrol station, when you do not have an address or location.

Use the control switch to select 'Point of Interest'. Three options are available:

- 'By Category' – Lists POIs by category e.g. airports, petrol stations etc. Use the control switch to make a selection.

Navigation Menu
- Address/Intersection
- Point of Interest
- Previous Destination
- Address Book
- Option Menu

Address/Intersection
- Town/City Name
- Street Name

Enter Address Number
Available Range:
1 – 6
3
SEAX WAY
BASILDON,
ESSEX

Select POI
- By Category
- By Name
- By Category & Name

Select POI Category
AIRFIELD
AIRPORT
AMUSEMENT PARK
BORDER CROSSING

- 'By Name' - A keyboard display enables you to spell out and enter the name of your point of interest using the control switch.

Note: A slight time delay will occur if large numbers of letter options are available.

- 'By Category & Name' – Lists the categories, then enables you to spell out the name of your destination.

Having made a selection, three further options are then displayed:

- 'Show All' – Lists entries in alphabetical order e.g. to find a restaurant by name.
- 'Sort by Distance' – Lists the closest POI entries e.g. to find the nearest car repair centre.
- 'Within a Town/City' – Lists entries for a specific city in alphabetical order e.g. to find a supermarket in an unfamiliar location.

Note: Certain categories may not be available in some areas and POIs may not all be listed. Up to date information also depends upon using the latest CD-ROM available.
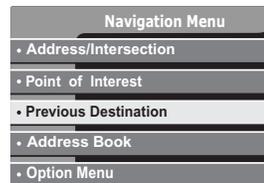
Previous destination

The last thirty destinations entered into the navigation system are automatically stored in the system's memory.

Use the control switch to select 'Previous Destination' and the stored address of each of these destinations appears in the display.

'Previous Origin' – The location where the vehicle last started off from is also stored here, and is updated every time the vehicle completes a journey.

Use the control switch to make a selection.

Enter POI Name

```
A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z
0 1 2 3 4 5 6 7 8 9 Á Â Ã
Å Æ Ç É È Ë Î Ï Ñ Ô Ö Ø
Ü ß _ ' ` - . , $ & / * #
```

- DEL
- CLEAR

Select Listing Preference

- Show All
- Sort by Distance
- Within a Town/City

AIRFIELD

↗ 19,7km 01992−546200

MERLIN WAY
NORTH WEALD, ESSEX

NORTH WEALD AIRFIELD
BIGGIN HILL AIRPORT
LONDON BIGGIN HILL A
PANSHANGER AERODROM
ELSTREE AERODROME
NORTHOLT AERODROME

Navigation Menu

- Address/Intersection
- Point of Interest
- Previous Destination
- Address Book
- Option Menu

Deleting a Previous Destination

Use the control switch to select the destination no longer required, then press the button alongside 'DELETE'. A confirmation screen appears before the deletion is made.
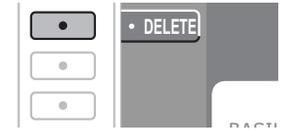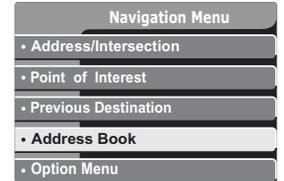
Address Book

This is a convenient way to store up to thirty frequently visited destinations in alphabetical order.

Use the control switch to select 'Address Book' and stored addresses appear in the display. Use the control switch to make a selection.

If no entries exist, an empty address book screen is shown.

## Adding, deleting or editing the Address Book

Select 'Address Book'. Press the button alongside 'DELETE', 'ADD' or 'EDIT' to delete, add, or edit addresses as required.

'Name the Entry' provides an opportunity to change the name of an address book entry.

- DELETE

Navigation Menu

- Address/Intersection
- Point of Interest
- Previous Destination
- Address Book
- Option Menu

SELECTING ROUTE CRITERIA

Once you have selected a destination, use the control switch to select your route criteria. The following options are available:

- 'Shortest Time Route' - Provides a route that minimises driving time and takes account of criteria such as speed limits, number of turns etc.
- 'Shortest Distance' – Provides a route to the destination that is the shortest distance from the current location.
- 'Avoid Toll Roads' – Provides a route that avoids toll roads where possible.
- 'Avoid Major Roads' – Provides a route that avoids major roads where possible.
- 'Use Major Roads' – Provides a route that makes full use of major roads.

Select Route Criteria
- **Shortest Time Route**
- **Shortest Distance**
- **Avoid Toll Roads**
- **Avoid Major Roads**
- **Use Major Roads**
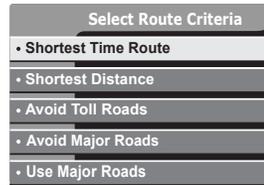
DISPLAY SCREENS

'Route calculation'

This screen appears for a few seconds while the navigation system is calculating a route.

Calculating a Route to:

LONDON/ M 4/ ENGLAND
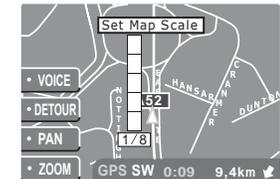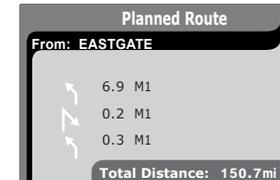M4
LONDON

2 %
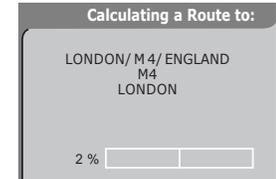
'Please Proceed'

When a route calculation is complete, 'Please Proceed' is displayed with a map of the route shown in pink.

Major roadways are in blue, other streets in white and a pink/yellow triangle indicates your vehicle location and heading. An arrow at the foot of the screen points to your destination.
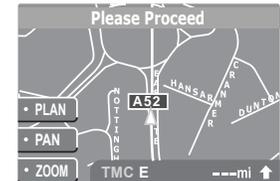
The following display functions are available.

- 'PLAN' – Press the button alongside this on-screen display and use the control switch to scroll through your entire route. This is only available before starting the journey.
- 'PAN' – Press the button alongside this on-screen display and use the control switch to pan up or down, left or right, along the route selected. (This feature is not available while the vehicle is in motion.)
- 'ZOOM' – Press the button alongside this on-screen display and use the control switch to adjust the area covered on the map. The zoom level is shown at the foot of the screen.

Please Proceed
- PLAN
- PAN
- ZOOM   TMC E   - - - mi

Planned Route
From: EASTGATE
6.9 M1
0.2 M1
0.3 M1
Total Distance: 150.7mi

Set Map Scale
- VOICE
- DETOUR
- PAN
- ZOOM   GPS SW 0:09   9,4km

Guide display

Once your vehicle is on the highlighted route, this screen automatically appears, showing the next turn. Use the control switch to scroll through the next manoeuvres of the planned route ahead.

Voice prompts direct you as you continue on the route. To switch voice prompts off, see page 28.

The voice volume level may also be adjusted by using the volume control while a voice prompt is in progress. The volume is automatically adjusted to compensate for engine and road speed noise.

The following display functions are available:

- 'VOICE' – Repeats the last voice prompt.

- 'DETOUR' – Selects a detour.

The Guide Display screens and voice prompts are continually updated to correspond with your progress to the destination.
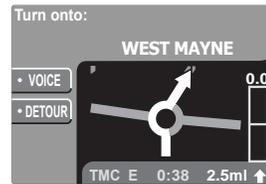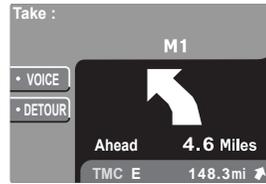
Trueview

As you approach an intersection, the 'Guide Display' screen changes automatically to a close-up ('Trueview') of the junction.

The following display functions are available:

- 'VOICE' – Repeats the last voice prompt.

- 'DETOUR' – Selects a detour.

'Trueview' automatically returns to a 'Guide Display' screen once a turn has been completed.

Map display

(1) Depending on the landscape along your route (e.g. mountains, high buildings, tunnels etc), the current directional heading at the foot of the screen might change colour to indicate reduced signal strength.

- Green – A clear GPS signal is being received.

- Yellow – The GPS signal is partially blocked.

- Red – The GPS signal is unavailable and may be temporarily blocked.

Note: The navigation system does not require a constant GPS signal to maintain route guidance.

The following on-screen display functions are available:

- 'VOICE' – Repeats the last voice prompt.

- 'DETOUR' – Selects a detour.

- 'ZOOM' – Adjusts the area covered on the map displayed.

'Current Location'

Select the 'Current Location' screen by pressing the current position display button whilst in navigation mode.

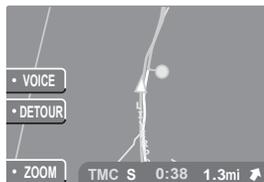Your current location and the name/distance to the next/last intersection are displayed.

Press NAV or MAP to return to a guide or map display.
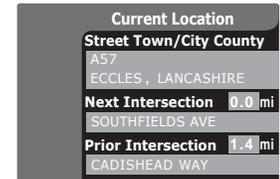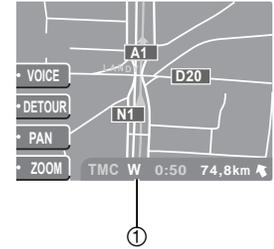
'Arrival'

When you approach your destination, it is shown on the 'Map Display' screen with a circular pink/yellow icon.

When you arrive, the name and address of your destination is displayed.

DETOURS, INTERRUPTIONS AND ROUTE CHANGES

If you encounter road construction, unexpected traffic or undesirable roads, the navigation system can quickly re-calculate the most efficient detour to your selected destination.

Detour options

With the 'Guide Display', 'Trueview' or 'Map Display' screens selected, press the button alongside 'DETOUR'.

Use the control switch to select and enter your new route criteria.

The following options are available:

- 'Avoid Current Road' – Updates your route to avoid the road you are currently on.

- 'Avoid Next Road' – Updates your route to avoid the next road planned on your journey.

- 'Detour (x) Miles' – Provides a detour from your planned journey for a certain distance. Use the control switch to select how much of your planned route you wish to avoid. The range available is based on the length of your original route.

- 'Avoid Specific Road' – Use the control switch to avoid a specific road on your planned route.
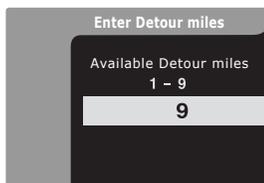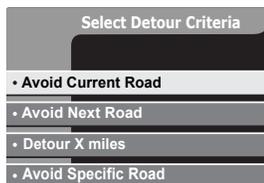
Route interruptions

If you leave your route temporarily (e.g. to stop for petrol) and switch the ignition key off after reactivating the Navigation System, the option to continue route guidance will be displayed when the ignition key is turned on again. Use the control switch to select from one of the following options:

- 'Continue' – The navigation system displays the 'Select Route Criteria' screen - see page 22.

- 'Discontinue' – This will return you to the main menu.

If the ignition key is NOT turned off, simply continue along the highlighted route.

Route changes or cancellations

To cancel or alter your route, press the undo/back button and then select 'Cancel Guidance' or your new route criteria.
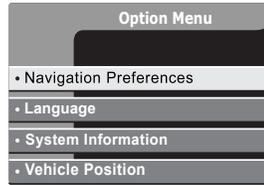
To enter a new destination, press MENU to select the main menu screen.
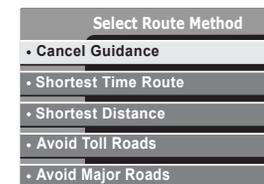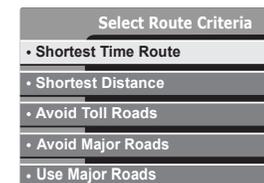
OPTION MENU

You may want to adjust or check the available navigation system options.

From the main menu, press the button alongside 'Option Menu' to select one of the following options:

Option Menu
- Navigation Preferences
- Language
- System Information
- Vehicle Position

'Navigation Preferences'

Use the control switch to access and enter the following options:

- 'Zoom' – Select from a range of map display scales.
- 'Map' – With 'Heading Up' your direction of travel is towards the top of the screen. With 'North Up' North will always remain at the top of the screen.
- 'Voice' – Select on or off.
- 'Units' – Select miles or kilometres.

Navigation Preferences
- ZOOM 1/8 1/4 1/2 1 4
- MAP Heading Up North Up
- VOICE Off On
- UNITS Miles Kilometers
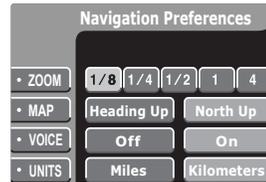
'Language'

Use the control switch to select and enter the voice and text language required from the options available. This section process will take around one minute to complete.

Language
ENGLISH
DEUTSCH
FRANÇAIS
ESPAÑOL

'System Information'

Identifies the navigation software and the database in use.

'Vehicle Position'

Use the control switch to access and enter the following options:

- 'Position Adjustment' – Select this to display a map showing your vehicle's current position.
- 'Set Current Position' – Select this to reset the current location of the vehicle. Define the new location just as you would select a destination.

Set Vehicle Position
- Position Adjustment
- Set Current Location
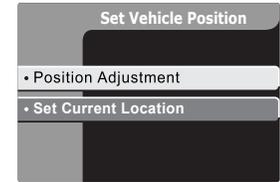
Obtaining new CD-ROMS

For more information on the types of CD-ROM available and to obtain updated CD-ROMs, contact the following:

Country	Toll free number
Austria (A)	(+43) 800 1823 5322
Belgium (B)	(+32) 800 1823 5322
Denmark (DK)	(+45) 800 1823 5322
Spain (E)	(+34) 800 1823 5322
Sweden (S)	(+46) 800 1823 5322
Switzerland (CH)	(+41) 800 1823 5322
Netherlands (NL)	(+31) 800 1823 5322
Great Britain (GB)	(+44) 800 1823 5322
France (F)	(+33) 800 914 478
Germany (D)	(+49) 800 181 6065
Italy (I)	(+39) 800 781 145
Portugal (P)	(+35) 31 555 384 245
If toll free numbers are not available, use (+) 31 555 384 245 or fax (+) 31 555 433 947	

Note:
Navigation system CD-ROMs are **not** available from Ford Dealers.

Traffic Messaging Channel

TRAFFIC MESSAGING CHANNEL (TMC)

In countries where the system is operational, Traffic Messaging can interact with your audio unit when a navigational CD-ROM is inserted.

Once activated, TMC automatically provides details about driving or road conditions that may affect the route ahead.
This enables a driver to select a detour to avoid identified problems.

Selecting the Traffic Messaging Channel

With a navigation CD inserted, press TMC to switch on Traffic Messaging.

If it is available, 'TMC' appears at the foot of the screen.

- A green 'TMC' icon indicates indicates the function is switched on and a traffic messaging signal is being received.
- A red 'TMC' icon shows that the system is turned on, but no signal is being received.
- Traffic messaging is not operational in some countries and, if it is switched on but not available, the 'TMC' icon will not appear.

TMC

| •LIST |
| •VOICE |
| •DETOUR |
| •MARK |
| •ZOOM |

86

TMC   E 1/8mi   24.3mi

TMC Not Available

⚠ TMC is not available
on Navigation CD
"IBERIAN PENNINSULA"

• ✓

Type of traffic message received	Voice prompt message	Map display icons
Stationary/heavy traffic or a traffic problem	Heavy traffic Ahead	
Queuing traffic	Queuing traffic Ahead	
Delays/obstructions	Delays Ahead	
Accident	Accident Ahead	
Incident/Dangerous situation	Dangerous situation Ahead	
Road closed	Closed Ahead	
Restriction	Lane restriction Ahead	
Roadworks	Roadworks Ahead	
Security alert	Security alert Ahead	
Major event	Major event Ahead	INFO
Snow	Snowfall Ahead	
Ice/High wind	Dangerous situation Ahead	
Poor visibility	Reduced visibility Ahead	

Traffic messaging

• If the message is received when a map display screen is selected, warning icons like those shown opposite appear with red circles alongside the section of roadway affected.

• If the traffic message affects a planned route, press the button alongside 'DETOUR' to select new route criteria.
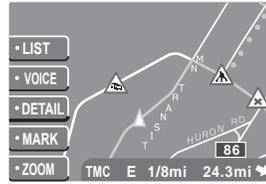
The area covered by TMC

With a route selected, your audio unit receives and displays/announces all traffic messages that affect the planned route ahead.

If a route is not selected, the audio unit receives and stores traffic messages from an area surrounding the vehicle's current location and the route ahead.

To switch off TMC

Press TMC.

TMC

USING AN INTEGRATED PHONE SYSTEM

This audio unit may be linked to a fully integrated mobile phone system, which mutes radio reception and CD playback during all incoming and outgoing calls.

Please note that this is only available on certain dedicated Ford mobile phones. Please contact your Ford dealer for more information.

When your mobile phone is connected to the unit, phone calls are heard through the audio speakers. Phone controls and certain phone information appear on the audio screen display and some controls may be used for phone system functions.

(For specific phone operating instructions, refer to your handset user guide.)

⚠ This system is designed to allow safe Handsfree communications whilst on the move. We strongly recommend that you do not use digit dial or portable handset operations whilst the vehicle is in motion. We would also recommend that you set the Auto Answer feature on your portable phone. Please note that it is illegal in most countries to use a stand alone portable phone whilst in charge of a vehicle and severe penalties may apply.

PHONE MODE

Press the 📞 button to select the phone screen. Pressing 📞 again will exit the phone mode. Pressing either 'AM/FM' or 'CD' will also exit the phone mode and return directly to the selected audio mode.

On screen button displays

AUDIO – Accesses the phone audio menu to allow adjustment of bass, treble, balance and fade specifically for the phone audio.

PREV – Scrolls backwards through the phone list.

NEXT – Scrolls forward through the phone list.

SEND – Calls the selected phone number from the phone list.

END – Terminates the current phone call.

ACCEPT – Answers an incoming calls.

Phone list

The phone list shows names and numbers stored on the portable handset.

The display will show the name and number for each memory location selected. The memory location is indicated beneath the name or number. Other displays showing signal strength or service availability may also be shown.

Adding, deleting or editing the phone list

This is done in the normal way directly on the portable handset, not via the audio unit. Please refer to the portable handset's operating instructions.

To make an outgoing call

Select the desired name and number from the phone list using the 'PREV' or 'NEXT' buttons.

• Press 'SEND' to initiate the call.

• Press 'END' to terminate the call.
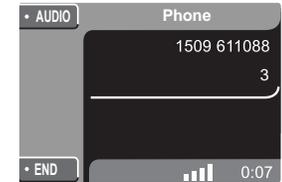
The call duration is shown in the display.

Receiving an incoming call

An incoming call will wake-up the audio unit if it is turned off, as long as the ignition key is in and turned to the ON position. Radio or CD playback will be interrupted for the duration of the incoming call.

• Press 'ACCEPT" to answer the incoming call.

• Press 📞 to ignore the call and cancel phone mode.

Local network calls and roaming

In some countries where a home network is unavailable, calls may be routed through a local network. 'ROM' will appear with the signal strength in the display and higher charges may apply.

PRINCIPLES OF OPERATION

Telematics is an information service that connects your vehicle to a service provider via the Global System for Mobile communication (GSM). Features that can be available include:

EMERGENCY CALLS – 'SOS'

This will make a call to an operator, who can assist with the emergency services such as Police or Ambulance. Using Global Positioning System (satellite) and GSM your vehicle position is supplied to the operator automatically. This will enable help to reach you quicker.

Air bag feature

In the event of an accident that activates the air bag, an emergency call is automatically made.

INFORMATION (i) – 'OPERATOR'

This will make a call to an operator who can assist with, for example, roadside assistance. Using Global Positioning System (satellite) and GSM your vehicle's position is supplied to the operator automatically. This will enable help to reach you quicker.

The operator can also assist with information regarding hotels, the nearest Police station, fuel station, car parking etc. Also available is traffic information in your vicinity, on particular roads or between your current location and any destination. Alternatively, route advice based on current traffic conditions can be given, as also can detailed verbal route instructions to any address.

Contact your service provider for further details.

TRAFFIC INFORMATION (T>>>) – 'TRAFFIC'

This provides automated traffic information relative to the vehicle's current position. The radius of coverage may depend upon the amount of information available.

For traffic relating to other more specific areas, contact the operator using the 'i' button.

TELEPHONY – '☏'

Making an outgoing call

This allows you to make an outgoing call, via the operator service. Select this feature, then follow the operator's instructions as required.

Safety

⚠ In the interest of road safety, the system should not be used in a way that could interfere with the driver's control of the vehicle.

⚠ All Telematics features, including SOS, are subject to the same constraints as mobile phone connections and therefore connection may not always be possible.

Security

Your personal details are not held within the Telematics unit: all details are held by the service provider. This means that in the unlikely event that the Telematics unit is stolen, no one will have access to your personal details.

GENERAL INFORMATION

The Telematics System uses an integrated GSM mobile phone system to give special information and emergency features. Utilising a built in GPS receiver the system can automatically advise a service provider of your vehicle's position.

Selecting the Telematics main menu

- Press the ☏ button to select the Telematics main menu.
- Pressing ☏ again will exit the Telematics main menu.
- Pressing either 'AM/FM' or 'CD' will also exit the Telematics main menu and return directly to the selected audio mode.

On-Screen button displays

AUDIO: Accesses the phone audio menu to allow adjustment of bass, treble, balance and fade specifically for the phone audio.

SOS: Selects and calls the operator assisted SOS service.

(i):   Selects and calls the operator assisted Information service.

T>>> :   Selects and calls the automated Traffic service.

☏:   Selects and calls the operator assisted Phone service.

SEND: Calls the selected service.

END: Terminates the current phone call.

ACCEPT: Answers an incoming call.

Telematics calls

Pressing 'SOS', '(i)', 'T>>>' or '☎' will initially highlight the selected button and prompt for a confirmation. If left, the highlight will disappear after a few seconds.

Press either the same highlighted button or the 'SEND' button to confirm and make the call to the service. This double press feature helps to prevent accidental calls to emergency services.

Press 'END' to terminate the call.
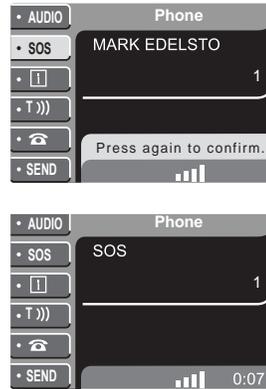
The call duration is shown in the display.

International emergency calls – 112

The international emergency number 112 can be dialled directly by pressing the audio unit's preset keys in sequence (1 – 1 – 2).

Press 'END' to terminate the call.

Receiving an incoming call

• Press 'ACCEPT' to answer the incoming call.

• Press 'END' to terminate the call.

• Press ☎ to ignore the incoming call if you do not wish to answer it.

ON/OFF AND VOLUME

See page 9.

VOL
ON/OFF

SELECTING A WAVEBAND

Press AM/FM repeatedly to select the AM (LW and MW), FM1, FM 2 or FM-AST wavebands.

AM/FM

TRAFFIC INFORMATION

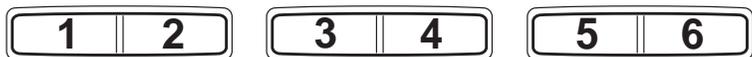Activates Traffic Announcements when tuned to an RDS traffic station. See page 52.

TA

SEEK TUNING

During radio reception, press the ◄ or ►
buttons to locate the next station down or up the waveband selected.

◄ ►

STATION PRESETS

1 2   3 4   5 6

Select a waveband and tune to the station required. To store that station, press and hold one of the preset buttons. The radio goes quiet momentarily before sound is restored to confirm the selected station has been stored.

24 preset stations can be stored – six on each of the AM (LW and MW), FM1, FM2 and FM AST bands.

STEREO INDICATOR

This shows whenever a stereo signal is received. See page 46.

SCREEN DISPLAY

(1)   Stereo indicator.
(2)   Preset selected.
(3)   RDS Station name.
(4)   Station frequency.
(5)   Waveband selected.
(6)   On-screen button displays.
(7)   TMC. See page 31.
(8)   Traffic station selected.
(9)   Volume level (or other briefly displayed text messages).
(10) NEWS – when selected. See page 56.
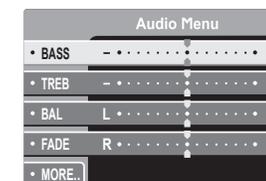(11) PTY selected.
(12) Local or distant traffic selection.
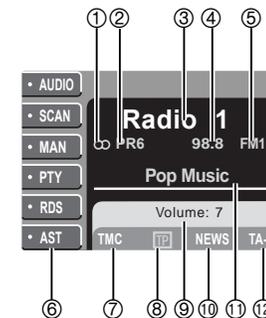
AUDIO MENU

Press the button alongside 'AUDIO' to access the Audio Menu.

Audio settings

See page 9.

More settings

Having selected the Audio Menu, press the button alongside 'MORE' and use the control switch to select one of the following options:

Clip detect

Use the control switch or ◄► to select 'CLIP ON' or 'OFF'.

With the feature activated, the audio unit automatically detects sound distortion and reduces the unit's volume level until the distortion has been eliminated. This means that when the volume control is adjusted with the 'CLIP' function switched on, there may not be an increase in sound.

Automatic volume control (AVC)

Use the control switch to select and adjust settings from 'AVC None' to 'Maximum'.

When selected, Automatic Volume Control increases or decreases the audio unit's volume level to compensate for engine and road speed noise. The higher the level selected the greater the compensation. The display shows the level selected.

The display reverts to normal after a few seconds.

Vehicle identification
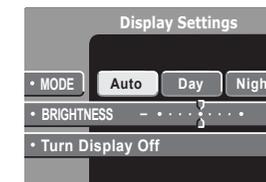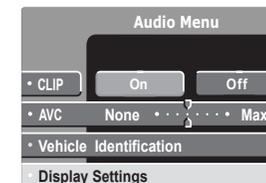
Refer to *System Security*, page 5.
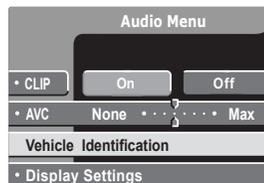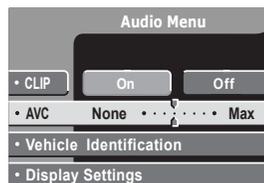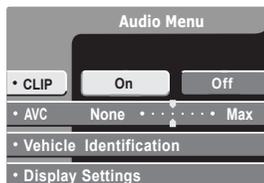
Display settings

Use the control switch to select one of the following options:

'Mode' – 'auto' (automatic), day or night display settings.

'Brightness' – Provides manual adjustment for screen brightness.

'Turn display off' – Select to turn the display off. Press any button to turn the display back on again.
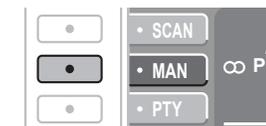
SCAN TUNING

Select the button alongside 'SCAN' for scan tuning.

Each station on the waveband selected is played for a few seconds in turn. Press the 'SCAN' button again to continue listening to a selected station.

MANUAL TUNING

Select the button alongside the on-screen 'MAN' display to tune manually and use the ◄► buttons for adjustment.

PROGRAMME TYPE (PTY) SELECTION

Some FM stations transmit programme type codes which the audio unit can use to locate different stations transmitting programmes of a certain type.

Selecting programme types

Select the button alongside the on-screen 'PTY' display to access a list of the programme types available, e.g 'News', 'Current Affairs'. Previously selected PTYs are displayed at the top of the list.

Use the control switch to make a selection and the audio unit will search for the next available station with the same PTY.

If a station transmitting the type of programme selected cannot be found, 'Not Found' is displayed and the radio returns to the original station.

Radio stations can also transmit emergency information 'ALARM'. However, this programme type cannot be selected manually.

AUTOSTORE

AutoStore selects six strong FM signals and stores them on the preset buttons. Select the button alongside the on-screen 'AST' display to access AutoStore. A confirmation screen appears before AST is activated.

The changing station frequencies are shown in the display while the unit tunes through the FM waveband. Sound is restored from preset 1 and the display shows the station selected.
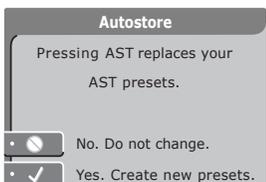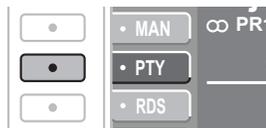
RADIO DATA SYSTEM (RDS)

Audio units equipped with Radio Data System (RDS) or Radio Data System – Enhanced Other Network (RDS-EON) decoders pick up special signals transmitted on the FM waveband when tuned to some stations.

These provide additional features such as the name of the radio station selected or traffic information that automatically interrupts normal broadcasts. However, some features may not be available from all radio stations.

RDS screen displays

To activate RDS, select the button alongside 'RDS'. Then use the control switch to make a selection from the following options:

- 'NEWS ON'/'NEWS OFF' – Select this option and use the control switch to switch news announcements on or off (see page 56).

- 'TA VOL' – Select this option and use the control switch to adjust the traffic announcement volume levels.

- 'RDS Settings' – Select this option and use the control switch for the following options:

  'TA Local' or 'Distant' (see page 53).

  'AF auto', 'Manual' or 'Off' (see page 55).

  '12 or 24 hour Clock' (see page 56).
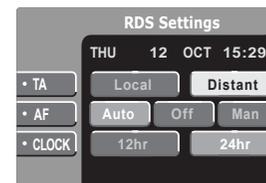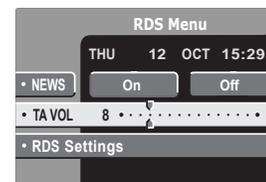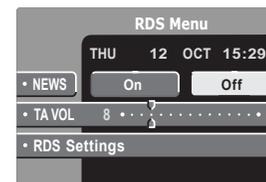
Station name displays

The audio unit will display a selected station's name, when the information is broadcast using RDS.

Traffic information (TA)

Press the TA button to select traffic information broadcast from certain stations which will automatically interrupt radio or CD playback at a preset volume level.

- When it is broadcast, traffic information automatically interrupts normal radio or CD playback and 'TRAFFIC' appears in the display.
- Traffic interrupts at a preset minimum level, unless a higher volume has been previously selected for normal listening.
- If the unit is not tuned to a station transmitting traffic information when TA is pressed, it will search for one. If nothing is found, 'TP Not Found' is displayed.
- If a traffic station signal weakens, 'TP' will change from to green to red in the display. Press ◀▶ to find another traffic station. If this happens during CD playback or with the radio volume set to zero, the unit will retune automatically to another traffic station after four minutes.
- If a non traffic station is selected or recalled using a preset button, the audio unit will remain on that station unless:

  – TA is turned off, then on again.

  – The volume control is set to zero.

  After four minutes the audio unit will retune to another traffic station.

RDS-EON

RDS-EON automatically connects certain radio stations so that traffic information broadcast from one station may be received while listening to another. These stations will only receive traffic announcements from linked stations.
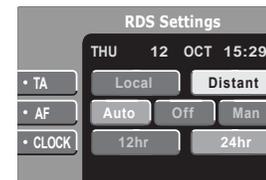
Traffic programme

'TP' will appear in the display when tuned to a station that broadcasts traffic information. TP appears when tuned to an RDS-EON station.

Local or distant traffic

In some areas, RDS-EON traffic announcements may become excessive.

Select the button alongside 'RDS'. Then use the control switch to select 'RDS Settings' and choose:

- 'TA Local' or 'Distant' – With 'Local' selected, traffic interrupts are limited to those from close by. 'Distant' will allow the audio unit to accept information from a wider area.

To alter traffic announcement volume levels

Select the button alongside the on-screen 'RDS' display and use the control switch to make your selection.

To end a traffic announcement

- When a traffic announcement ends, the audio unit returns to normal sound operation.
- During a traffic announcement, press 'TA' to end the message, or press it at any other time to switch off the feature.

ALTERNATIVE FREQUENCIES (AF)

Some radio stations broadcast on different frequencies in different parts of the country. If a station's signal weakens the audio unit retunes to a stronger, alternative signal, if one exists.

To ensure that the audio unit is tuned to the same station, it checks a programme identification (PI) code.

Selecting 'AF Auto', 'Off' or 'Man'

Select the button alongside RDS, then use the control switch to select 'RDS Settings' and choose:

- 'AF-Auto' – With these options selected, the unit mutes while it checks its list of alternative frequencies and, if necessary, searches once across the waveband for a genuine alternative frequency. It will restore radio reception when it finds one or, if one is not found, the unit returns to the original stored frequency and on certain units, 'Not Found' is displayed. In this mode, the unit continually evaluates the signal's condition and if a better signal becomes available, the unit will switch to that alternative.

- 'AF-Off' – With this option selected, the original stored frequency remains selected. With the function switched off, 'AF-Off' will be displayed every time the unit is turned on.

- 'AF-Man' – With this option selected, the unit mutes while it checks its list of alternative frequencies and, if necessary, searches once across the waveband for a genuine alternative frequency. It will restore radio reception when it finds one or, if one is not found, the unit returns to the original stored frequency and 'Not Found' is displayed.
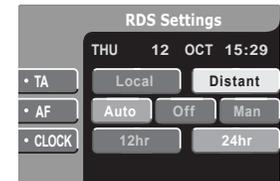
CLOCK AND DATE DISPLAYS

Providing your unit is tuned to an RDS broadcast station (and receiving an adequate signal), a clock and date will be displayed.

Apart from 12 or 24 hr displays (see below), these cannot be adjusted manually.

'12 hr' or '24 hr' displays

Press the button alongside 'RDS', then use the control switch to select 'RDS Settings' and choose '12 hr' or '24 hr'.
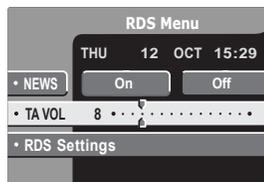
NEWS

News broadcast from certain stations will automatically interrupt radio or CD playback at a preset volume level.

Select the button alongside 'RDS', then use the control switch for 'NEWS On' or 'NEWS Off'.

'NEWS' appears in the display when selected. Volume adjustments are linked with traffic announcement volume levels.

Press and hold 'PTY' for Quick Select News.

CD/CD changer operation

⚠ The route guidance navigation system in your audio unit will not function unless a mapping programme CD-ROM is inserted into the single disc player.

It is possible to eject this disc and to replace it with another CD, but it is recommended that a CD changer be used if playback from a standard music CD is required.

⚠ Your audio unit is designed to play commercially pressed 12 cm audio compact discs only. Due to technical incompatibility, certain recordable compact discs may not function correctly and re-recordable compact discs will NOT play when used in Ford CD players. Irregular shaped CDs and CDs with a scratch protection film attached should not be inserted into the CD player. Please contact your dealer for further information.

CD CHANGER

Please refer to your Owner's Guide for the exact location of the CD changer.

Loading the disc magazine

The CD changer magazine takes up to six discs, numbered 1 to 6 starting from the bottom. To load a disc:

• Push the CD changer unit door, press the eject button and remove the magazine.

• Insert individual discs, label side up, into each tray until they click into a held position.

• Do not insert more than one disc into each position.

CD/CD changer operation
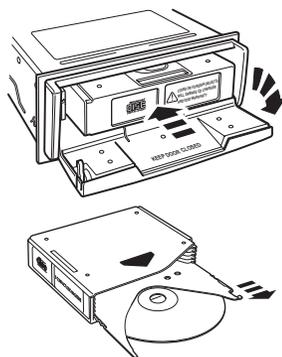
To eject a disc

Pull forward the lever on the side of the magazine, which corresponds with the disc to be ejected. The disc and tray will move forward ready for removal.

To insert the magazine

An arrow on the magazine shows how to insert it into the CD changer. Ensure all the disc trays are clicked back into position before inserting the magazine, which also clicks into position when ready for use.

Keep the disc changer door closed at all times, except when inserting the magazine.

CD PLAYBACK

Single CD playback

Remove the navigation CD from the unit (if loaded), then insert a single CD into the entry slot.
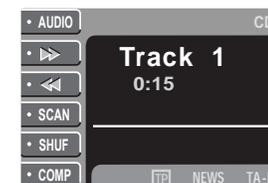
CD playback starts automatically and interrupts radio reception. 'CD' appears in the display.

Press the 'CD' button once to start playback from a single CD already in the audio unit.

CD changer playback

With a navigation CD inserted in the audio unit

Press the CD button for CD changer playback.

With an audio CD inserted in the audio unit

Press the CD button twice or, during single CD playback, any preset button for CD changer playback.

- If the CD changer is empty, the magazine is missing or incorrectly inserted, 'NO DISC' or 'NO DISCS' appears in the display when CD playback is selected.
- If the CD selected is missing, 'NO DISC' is displayed and the unit selects the next available disc. The audio unit remembers which discs are available, so it will not select a disc that it knows to be missing. Instead, 'NO DISC' appears in the display and the current disc remains selected.
- If a selected disc is damaged or upside down, 'CHECK DISCS' and the disc number are displayed. The unit then selects the next available disc.

During normal operations, CDs and tracks are played sequentially in ascending order. Playback continues at track one if the end of a disc is reached and with CD changer playback, disc one will follow disc six.

The display indicates elapsed track time. If the track is longer than the display allows, the first digit flashes while the rest of the numeral returns to zero and starts counting.
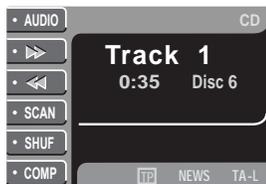
SCREEN DISPLAY

(1) Track selected.

(2) Elapsed time.

(3) Disc selected (in CD Changer).

(4) Volume level.

(5) On-screen button displays.

Audio menu

Press menu to access the Audio Menu.

Audio settings

See page 60.

More settings

See page 60.

Fast forward/reverse

During CD playback press and hold the button alongside the on-screen ▶▶ or ◀◀ display to search forwards or backwards across the tracks on the disc.
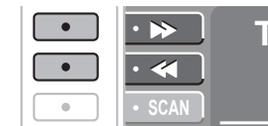
TRACK SELECTION

Press ▶ or ◀ to select the next or previous tracks.

SCAN TRACK SELECTION

Select the button alongside 'SCAN' and each track on the CD is played for a few seconds in turn. Press again to continue listening to a track.

SHUFFLE TRACK SELECTION

Select the button alongside 'SHUF' for 'Shuffle on' or 'Shuffle off'. With 'Shuffle on' selected, tracks will be played in a random sequence until this button is pressed again.

If you are playing a CD from the CD Changer, the audio unit will play all the tracks on the disc selected, then move onto other discs and play the tracks on those in random sequence.
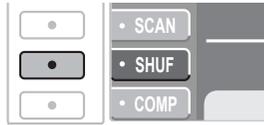
COMPRESSION

Select the button alongside 'COMP' for 'Compression on' or 'Compression off'. With 'Compression on' selected, quieter music is boosted and louder music lowered to minimise repeated volume adjustments.
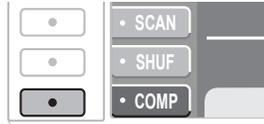
TO END CD PLAYBACK

With an audio CD inserted in the audio unit

Press the 'AM/FM' button to restore radio reception without ejecting the disc.
If reselected, the CD will start from wherever playback was last interrupted.

With a CD changer

Press the 'AM/FM' button to restore radio reception or press the CD button to play a single CD already in the audio unit.

CD PLAYBACK WITH NAVIGATION SYSTEM SELECTED

See page 10.

CD EJECT (SINGLE CD ONLY)

• During CD playback, press the '▲' button to eject a CD.

• When ejected, the disc is held ready for removal.

CD CARE AND MAINTENANCE

For best possible sound quality, use CDs that are clean and in good condition.

CD ERROR CODES

CD error messages may be shown in the audio unit display to indicate possible errors with the CD player. Follow the on-screen instructions or, if a problem persists, contact your Ford dealer.

Please read and follow the stated safety precautions. Failure to do so may increase your risk of collision and personal injury. Ford Motor Company Limited shall not be liable for any damages of any type arising from the fitment of this system.

The safety advice screen is displayed each time the navigation system is turned on as a reminder to make use of the system's navigational aids in a safe manner.

Make sure you are familiar with the system's features and know how to operate it.
The following guidelines are important:

- Do not turn the ignition key or start the engine while the software is updating.

- Do not apply pressure to the display screen.

- The navigation system is not a substitute for your personal judgement.

- Route suggestions should not supersede local traffic regulations or safe driving practices.

- Do not follow route suggestions if they direct you to perform an unsafe or illegal manoeuvre, would place you in an unsafe situation, or would route you into an area that you consider unsafe.

- Drivers should not rely on screen displays while their vehicle is in motion. Let the voice guide you. If viewing is necessary, pull off the road to a safe location.

- Do not use the navigation system to locate emergency services.

- For road safety reasons the driver should programme the system only when the vehicle is stationary. Certain functions will therefore not operate whilst the vehicle is in motion.

PLEASE DRIVE SAFELY

This unit gives guidance only.

Safe and lawful vehicle use is the driver's responsibility.

• ACCEPT

- Be careful not to spill liquids of any kind onto the unit.

- Do not spray cleaning fluid directly onto the unit; instead spray onto a soft cloth and gently wipe the unit. Only recommended cleaning products should be used.

- The map database CD-ROM does not reflect road detours, closures or construction; road characteristics such as rough road surface, slope or grade, weight or height restrictions, etc., temporary traffic congestion, weather conditions or similar factors.

- To use the system as effectively and safely as possible, obtain up-to-date map database CD-ROMs whenever they become available.

- Set the volume level so that you can hear instructions clearly.

- Do not disassemble or modify the system as this may lead to damage. If a problem occurs, stop using the system immediately and contact your Ford Dealer.