Contents

Useful information
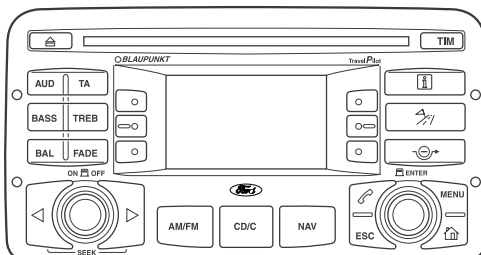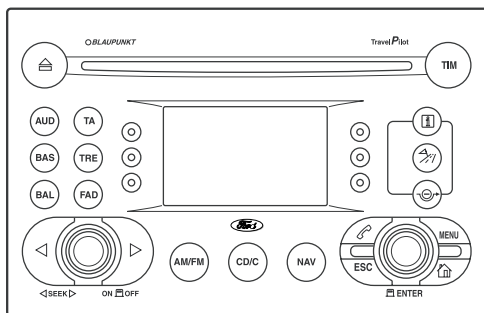
Note: Please note that not all units have the same features, and that even when certain features are described for a particular audio unit, they may not be compatible with the vehicle in which the unit is fitted.
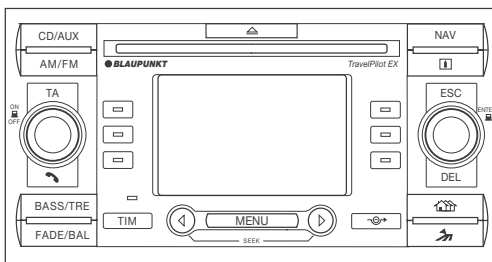
Quick reference

**TravelPilot DX with
square buttons**

**TravelPilot DX with
round buttons**

TravelPilot EX

2

KEYCODE SECURITY

Most units incorporate a unique Keycode security number that must be entered before the unit will operate. Normally, the Ford Dealer does this during the pre-delivery inspection.

If the battery is disconnected for any reason, or the audio unit is removed from the vehicle, the Keycode must be re-entered before the unit will work again.

Lost Keycodes

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.

Entering a Keycode

If SAFE appears in the display when you switch on the radio:

• Use the rotary ENTER control to select and highlight the first number of your code.

• Press the rotary ENTER control to confirm it.

• Repeat the previous steps to enter the other three numbers.

• Check the displayed code is correct.

• Highlight the dogleg arrow symbol and press the rotary ENTER control to confirm the entire Keycode.

If you enter a digit incorrectly:

• On DX units, highlight the arrow left symbol and press the rotary ENTER control, or use the ESC button. Then enter the correct number.

• On EX units, press the DEL button. Then enter the correct number.

System security

Incorrect Keycodes

If you enter and confirm an incorrect Keycode, you will be given further opportunities to enter the correct code.

• At the first and second attempts, the display will show if the attempt fails again and you can re-enter the correct code as described previously.

• After two unsuccessful attempts, each subsequent failure to enter the correct Keycode will lock the unit for 60 minutes. You will not be able to use it or enter a code until this period has expired.

Note: This waiting time will not elapse unless the radio is switched on with the ignition on.

Ten incorrect entry attempts will render the unit permanently inoperative. Contact your local Ford Dealer for help.

Disabling Keycode (EX units only)

Keycode protection can be switched on or off – See General Settings.

With Keycode protection disabled, there is no limit on entry opportunities, if you enter an incorrect Keycode. It also means that, if the audio unit is disconnected from a power supply then reconnected, it will be usable without entering a Keycode.

If a Keycode protected system is removed from the power supply and then reconnected, the correct Keycode must be entered before the unit will operate.

RADIO DATA SYSTEM (RDS)

Most radio stations on the FM waveband transmit additional code in their broadcast signal that allows receivers equipped with the necessary decoder to present more information to the listener. This is known as the Radio Data System (RDS). The additional features may include the station name, the station's programme identification number, alternative broadcasting frequencies, clock and date information, and traffic information.

Enhanced Other Network (RDS-EON)

There is also a feature-enhanced version known as Radio Data System – Enhanced Other Networks (RDS-EON) – that provides even more information such as radio text and programme type coding.

Note: Certain features may not be available from all radio stations.

Programme Identification code (PI)

Each individual radio programme has a unique identification code that distinguishes it from all other programmes. This allows the radio receiver to know what other areas are transmitting the same programme, even if they are transmitting on different frequencies.

Alternative Frequencies (AF)

By using the PI code, the radio receiver can store a list of transmitters in the same, or adjacent, areas transmitting a particular programme.

Consequently, if one transmitter's signal weakens, the audio unit can automatically retune to a stronger alternative signal, if one exists.

Under certain conditions, however, alternative frequency tuning may temporarily disrupt normal reception.

Station name displays

Audio units will display a selected radio station's name when the information is broadcast using RDS. When no RDS information is available or on units without RDS capability, only the station's frequency will be displayed.

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Radio features

Programme type selection (PTY)

Many programmes in the FM waveband are categorised by the type of material they broadcast. This classification takes the form of an identification number coded into the broadcast signal.

Programme searches can be based on one of these classifications so that you can choose to listen to a particular type of programme.

Note: Some radio stations can also transmit emergency information under the undocumented category of ALARM but this programme type cannot be selected manually.

AFFAIRS
Current affairs

ALARM
See note below

CHILDREN
Children's programmes

CLASSICS
Classical music

COUNTRY
Country music

CULTURE

DOCUMENT
Documentary content

DRAMA

EASY
Easy listening music

EDUCATE
Educational content

FINANCE

FOLK M
Folk music

INFO
Information

JAZZ

LEISURE

LIGHT M
Light music

M.O.R.M
Middle of the road music

NATION M
National music

NEWS

NONE
Not categorised

OLDIES
Old time music

OTHER M
Music not covered elsewhere

PHONE IN

POP M
Pop music

RELIGION

ROCK M
Rock music

SCIENCE
Scientific content

SOCIAL

SPORT

TRAVEL

VARIED
Mixed programme content

WEATHER

Radio features

Clock and date displays

Time and date information broadcast via RDS will automatically update the information held in the audio unit. In most units, it cannot be manually changed or altered.

When the unit is switched on a series of bars may appear until an RDS signal has been received.

News

News broadcasts by the currently tuned station, or linked stations, will automatically interrupt normal operations when this option is available and switched on. When this happens, 'NEWS' appears in the display.

Traffic information

Many stations broadcast a code to signify that they carry traffic information. This is known as Traffic Programme Information (TP). The audio unit stores a list of such programmes.

When the currently tuned station broadcasts traffic announcements, the unit will automatically mute other audio sources until the announcement is finished.

Audio units equipped with RDS-EON can also interrupt the current audio source with announcements from linked stations that are not currently tuned in.

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General controls

ON/OFF & VOLUME

• Press to switch the audio unit on.

• Press again to switch the unit off again.

• Rotate to increase or decrease the volume of the current audio source. The display shows the level selected.

This control will also operate the unit for up to one hour with the ignition key removed.

Note: Default volume levels for various operational functions can be fixed independently using the set up menus – see General settings.

DISPLAY SCREEN

The display screen shows all the information available for the mode of operation currently selected. When menu options are selected or settings adjusted, the display highlights these selections.

EX units only

When the correct disc is inserted, an icon in the bottom left corner of the display, indicates whether audio playback (musical notes) or navigation mode (directional arrow) is selected.

ROTARY ENTER CONTROL

• Turn this control to highlight an on-screen menu selection or to spell a route destination entry.

• Press this control to enter selections and adjustments.

SEEK BUTTONS

Use these buttons to search for new radio stations or to move from track to track on a CD.

BASS/TREBLE

• Press this button to access a bass, treble and, on EX units only, a loudness display screen.

• DX units – Use the rotary ENTER control to make adjustments.

• EX units – Use the soft keys alongside the + or – symbols to make adjustments.

• Press this button again to resume normal playback.

FADE/BALANCE

• Press this button to access a fade and balance display screen.

• DX unit – Use the rotary ENTER control to make adjustments.

• EX units – Use the soft keys alongside the + or – symbols to make adjustments.

• Press this button again to resume normal playback.

Note: Fade control is not available in vehicles without rear speakers.

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AUDIO (DX units only)

Press this button to access the audio set up menu.

TRAFFIC ANNOUNCEMENTS (TA)

• Press this button to switch on traffic announcements.

• With the audio unit tuned to a suitable radio station, traffic announcements will then interrupt normal reception or disc playback at a preset volume level – see General settings.

• TA appears in the display.

• Press again to switch traffic announcement off.

⚠ To avoid loss of battery power, make sure the TIM recording period is set to OFF, if you leave your vehicle unattended for an extended period of time. e.g. at an airport car park during a long holiday.

TIM (TRAFFIC INFORMATION MEMORY)

The audio unit has a digital memory (TIM) that can automatically store recent traffic voice announcements recorded while you are away from the vehicle.

This feature is usually activated when a vehicle is parked at the end of a journey and it enables you to listen to traffic messages prior to your next journey.

When the memory is full, the oldest announcement is overwritten. If a single message is longer than four minutes, the first part will be overwritten.

Recording messages

The recording system defaults to off, but select either of the timed standby periods and recording standby starts as soon as the audio unit is switched off. To set the recorder:

• Tune the audio unit to a TP station.

• Press the TIM button.

• Press the soft key adjacent to TIM repeatedly until the recording period required is highlighted.

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General controls

Playback

• Press the TIM button on returning to the vehicle.

• Press the soft key adjacent to the words TIM INFO.

• Recorded announcements will have been saved as tracks. Use the SEEK buttons to move backwards or forwards across the stored messages.

• Press the ESC button to end an announcement and restore the TIM menu, or press the TIM button again.

Once all the messages have been retrieved, TIM mode will exit automatically and the most recent audio source will be restored.

A TMC INFO or T-INFO display may also appear on the TIM menu. These recorded messages can be accessed in a similar way to TIM INFO.

Note: If a new message is broadcast during playback, playback will be interrupted until the message has been recorded.

MENU
DX units

Press for access to the system and navigation set up menus.

EX units

• Press once to access on-screen display functions that vary depending upon whether radio reception is selected, CD/MP3-file playback or navigation mode.

• Press again, at any time, for a display of General Settings.

• Use the soft key alongside an on-screen display to select that function.

• Make adjustments using the + or – soft keys as indicated.

• Press the ESC button at any time to return to normal playback.

⚠ If you have a motorised retractable antenna, switch the radio and the TIM feature off before entering a car wash as the antenna could be damaged.

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ESC (ESCAPE)

Press to escape from a screen display, or to step back through the menu structure, or to go one step back in a destination dialogue.

DEL (DELETE)
(EX units only)

Press the DEL button to remove a highlighted menu option or destination listing, or a misspelled name shown in the screen display.

PHONE

In vehicles with a mobile phone connected to the audio unit, sound output will quieten automatically for an incoming or outgoing call, which is heard through the audio sound system for handsfree use.

In vehicles that do not have a connected phone, press this button (with a phone icon on it) to mute the audio unit output whenever a call is received.

CD/C or CD/AUX

Press this button for single CD playback or to access auxiliary equipment (e.g. CD changer, MiniDisc, etc.) where fitted.

EJECT

Press this button (with an eject up icon on it) to eject a disc from the audio unit.

INFORMATION

Press and hold this button (with an i icon on it) to view additional on-screen information, or to repeat verbal route guidance instructions.

DETOUR

Press this button (with an arrow detour icon on it) to modify a selected route.

FAST ACCESS

Press this button (with a small house icon on it) to fast access recent memorised destinations for route guidance.

WAYMARK
(CURRENT POSITION MARK)

Press and hold this button (with a flagged roadway icon on it) to mark a current position for route guidance.

General controls

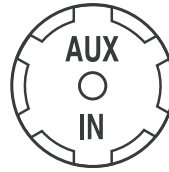### AUXILIARY INPUT (AUX-IN) SOCKET

Located in the vehicle glove box, this socket permits an auxiliary device, like a portable MiniDisc or MP3 player, to be linked into the audio system, so that output can be played through the vehicle speakers.

To listen to an auxiliary device, plug it into the glove box socket using a 3.5 mm conventional 'headphone type' electrical connector.

Switch on the auxiliary device via the AUX button and playback will be heard through the vehicle speakers from that source, rather than from the vehicle audio unit. Auxiliary Input or AUX will appear in the vehicle audio unit display.

To disconnect the auxiliary device, pull out the plug-in electrical connector and use the vehicle audio unit buttons to restore playback from the vehicle audio unit.

The vehicle audio unit buttons can also be used to restore playback from the vehicle audio unit, while the auxiliary device remains connected.

WAVEBAND SELECTION

DX units

• Press the AM/FM button.

• Then select the waveband required by pressing the soft key alongside the on-screen display.

EX units

• Press the AM/FM button to select FM1. FM2, AST, AM1 or AM2. The display confirms the waveband selected.

This selector can also be used to return to radio reception when you have CD mode selected.

STATION PRESET BUTTONS (SOFT KEYS)

These buttons alongside the on - screen displays are used to select feature options as shown and to make + or – adjustments, where indicated.

They also allow you to store your favourite radio stations, which can be recalled by selecting the waveband and pressing the appropriate soft key.

• Select a waveband.

• Tune to the station required.

• Press and hold one of the soft keys.

The audio unit will mute. When sound returns the station has been stored. This can be repeated on each waveband and for each preset button.

AUTOSTORE

AutoStore can be used to select the six stations with the strongest signals available from the FM waveband, and to store them on the soft keys alongside the display screen.

DX units

• Press the AM/FM button.

• Press the soft key alongside PAGE 2.

• Select T-STORE from the on-screen display.

EX units

• Press and hold the AM/FM button to start an AutoStore search.

The unit goes quiet as the search takes place, and sound is restored when the stations have been stored.

Each time AutoStore is activated, the unit will store station frequencies from the waveband last selected, and replace stations previously stored.

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Radio controls

STATION TUNING
DX units

• Press the SEEK buttons to locate a preset station on the selected waveband.

Note: Search must be set to a double arrow display in the radio settings menu for this to operate.

EX units

• Press the MENU button to access the AM/FM SETTINGS screen.

• Use the soft key alongside SEARCH to select AUTO and press the ESC button to return to a normal screen display.

• Press the SEEK buttons to locate other stations on the selected waveband. If a PTY type is set, the unit will search only for stations transmitting the programme type selected.

Manual tuning
DX units

• Press the SEEK buttons to tune up or down the selected waveband in small increments.

Note: Search must be set to a single arrow display in the radio settings menu and RDS must be turned off, for this to operate.

EX units

• Press the MENU button to access the AM/FM SETTINGS screen.

• Use the soft key alongside SEARCH to select MAN and press the ESC button to return to a normal screen display.

• Press the SEEK buttons to tune up or down the selected waveband in small increments.

Scan tuning
DX units

• Press the AM/FM button.

• Press the soft key alongside PAGE 2.

• Select SCAN from the on-screen display and each station on the selected waveband is played for a few seconds.

• Press the ESC button to continue listening to a station.

Radio controls

EX units

- Press the MENU button to access the AM/FM SETTINGS screen.

- Use the soft key alongside SCAN to select AUTO and each station on the selected waveband is played for a few seconds.

- To continue listening to a selected station, press the ESC button or the rotary ENTER control.

- To end the scan, use the soft key to select SCAN OFF.

RADIO SETTINGS
DX units

- Press the AUD button to access on-screen radio settings, and use the rotary ENTER control and soft keys to make adjustments.

EX units

- Press the MENU button to access on-screen AM/FM SETTINGS, and use the soft keys to make adjustments.

Radio settings menu

Radio settings shown on-screen may include:

- SCAN – To select and play the first few seconds from each station on the waveband selected.

- SHARX – Select SHARX ON and the audio unit is capable of separating channels that broadcast on overlapping frequencies, to produce discrete reproduction of both channels. Select SHARX OFF to discontinue the function.

- SEARCH – To select manual or seek tuning.

- FM SEEK – This determines whether the unit searches only for stations with strong signals, i.e. the BEST reception, or for stations with weaker signals that may be distorted or otherwise unsatisfactory and which require a more sensitive (SENS) tuner setting.

- TMC INFO – Use the soft key to access and view the latest Traffic Message Channel text announcements. Use the rotary ENTER control to scroll and select earlier messages.

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Radio controls

• RDS OPTIONS (where available)

– AF - Use the soft key alongside this on-screen display, to switch this function on or off. With AF-ON selected, the unit continually evaluates signal strength and, if a better signal becomes available, the unit will switch to that alternative. It mutes while it checks a list of alternative frequencies and, if necessary, it will search once across the selected waveband for a genuine alternative frequency. It will restore radio reception when it finds one or, if one is not found, the unit will return to the original stored frequency and Not Found will be displayed. With AF-OFF selected, the original stored frequency remains selected.

– REG - Switch this function on or off in the same way as for AF. Some radio stations broadcast on more than one frequency, and split these frequencies into regional (REG) programmes at certain times of the day to provide local information.
To benefit from this, use the soft key to switch the function on. But to prevent the radio automatically tuning between alternative frequencies and, possibly, producing a disjointed effect, turn this feature off.

– RDS - Where available, select FIX for station name displays, VAR for additional information displays, FREQ for the frequencies or OFF if this feature is not required.

– NEWS - Switch this function on or off in the same way as for AF. When selected, NEWS appears in the display and broadcast news announcements will interrupt CD/MP3-file playback in a similar way to traffic interrupts.

– R-TXT - When selected, radio text allows other programme information to be displayed.

– PTY - To select programmes using their PTY codes.

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⚠ Do NOT attempt to use the navigation system until you have read this book in its entirety. Please note also that many of the navigation features are dependent on settings that first need to be entered in the system's memory.

Note: If the vehicle battery is disconnected for any reason, the navigation system needs to rescan for available satellites when the battery is reconnected. Normally this will take no longer than three or four minutes.

ROAD SAFETY

Please read and observe the warning display screen, then select OK and press the rotary ENTER control to continue.
For your own safety, and for the safety of other road users, navigational information should only be selected when the vehicle is stationary. While your vehicle is in motion, the destination entry keyboard is locked and deliberately inaccessible. You will only be able to make changes, if you stop the vehicle.

⚠ Even when it is possible to select more detailed menus on the move, we recommend this be done by a passenger, or by the driver only when the vehicle is stopped. Making any selections whilst driving diverts the driver's attention from the road.

Note: Where Speedlock is installed, navigation route settings are locked and cannot be altered while the vehicle is moving at 5 kph or more.

Note: The level of route guidance voice instructions can be altered if required. But for road safety reasons, it is recommended you leave the voice instructions audible. This allows you to follow route guidance instructions without taking your eyes off the road.

Navigation (DX units)

When viewing a navigation menu:

• Use the rotary ENTER control to highlight an item in the display.

• Press the rotary ENTER control to enter your selection.

If you select the wrong item, press the ESC button to return to the previous screen, or press NAV again to go back to the main navigation menu.

If all the menu options cannot be displayed on the screen at the same time, an arrow will show in the display. Use the rotary ENTER control to scroll through the options available.

In some situations, on-screen displays may appear with a padlock symbol. This means that the feature is currently unavailable and cannot be accessed.

STARTING NAVIGATION

Press the NAV (Navigation) button to access the main navigation menu. If a navigation disc is not inserted, a display appears requesting the CD.

ROUTE OPTIONS

• Press the NAV button to access the NAVIGATION menu.

• Use the rotary ENTER control to select from the on-screen display options.

– ROUTE GUIDANCE - to restore the currently selected route to the display and to resume route guidance.

– DEST ENTRY - to enter a new destination.

– DEST MEMORY - to recall a destination entered previously.

– TOUR LIST - to link a number of destinations to form one complete route.

– TRAVEL GUIDE - for use with specialist travel guides. These optional CD guides can be purchased separately and contain detailed information, including hotels, restaurants, tourist attractions, golf courses, etc. Please refer to the notes on the inside back cover for more information about obtaining new CDs.

– LOCATING - a display that shows the compass direction of travel, the time and, where applicable, the radio station tuned to for traffic information.

– GPS INFO - to see information received from the GPS including current geographical position and the number of satellites from which data are being received.

Navigation (DX units)

Route preferences

While in navigation mode, press the MENU button and use the rotary ENTER control to access on-screen route preferences.

• ROUTE – Select the shortest (SHORT) or fastest (FAST) routes, or select the dynamic option (DYN). There are also options to use or avoid fast roads, ferries and toll roads.

Note: Where TMC traffic messaging is available, DYN must be selected for route guidance to be influenced by the latest traffic information.

Do not select DYN if no TMC signals are broadcast. This would disable radio reception and CD playback.

• ROUTE LIST – To view full details of a selected route.

• SYMBOLS – To select alternative display graphics.

• LANGUAGE – To switch navigation voice instructions on or off.

• LAST TEN – Select whether or not recent destinations are kept memorised.

• TIME – Select the time displays required during route navigation – estimated arrival time, remaining time to reach destination or current time.

• MAN. POSITION – Enter your location manually, if GPS signals are not available.

• NAV. SIMULAT. – For demonstration purposes only.

Remember to turn the demonstration feature off before planning an actual route.

Navigation (DX units)

DESTINATION SELECTION

There are several other ways to implement route guidance if you have previously recorded other destinations in the system.

Every time you enter a new destination, it will be retained in the system's memory until no more can be stored. Consequently, you can select a memorized destination as the end point for your route, regardless of your current position.

To plan a route to a destination previously memorised, use the rotary ENTER control to:

• Select DEST MEMORY from the main NAVIGATION menu.

• Then select a destination from the menu options available e.g. LAST 10.

Note: Only destinations are stored in the system – not routes. Whenever you select a memorised destination, a new route will be calculated from your current position.

ROUTE SELECTION

To plan a new route, use the rotary control to select DEST ENTRY from the main NAVIGATION menu.

Selecting a city

• Use the rotary ENTER control to select CITY from the DEST ENTRY on-screen menu, and a keyboard display appears on-screen.

• Turn the rotary ENTER control to select each letter of the city name you require. As an individual letter is selected it is highlighted.

• Press the rotary ENTER control to confirm each letter, and repeat this process to spell out the city you require.

• As you add more letters, the system will predict possible destinations and only displays letters that can be used.

• If you make a spelling mistake, press the ESC button to delete letters, one at a time.

• When your city destination is shown listed, highlight the dogleg symbol and press the rotary ENTER control to confirm your selection.

Navigation (DX units)

Other route selection options

Once the city is confirmed, further menu options allow you to add more detail to your destination selection.

• STREET - Select this and use the method described, to enter the required road name.

• INTERSECTION - Use the same method to select and enter a defined junction.

• HOUSE NUMBER - This is not available in all countries.

• CENTRE - Select this and use the rotary ENTER control to scroll through a list of local centres identified in your chosen city. Press the same button to confirm your selection.

• P.O.I. - Even more choices are offered by a feature called Places of Interest (P.O.I.). These include car parks, filling stations, hospitals, motorways, Ford Dealers etc. Using the rotary ENTER control, the following area options may be selected for P.O.I.:

– IN DEST AREA - Places of interest within the area of the destination selected.

– SUPRAREG DESTS - Places within a wider regional area, e.g. motorway junctions and services, airports, etc.

– DEST SURROUND - Places surrounding your destination, e.g. a car park close by.

– POS SURROUND - Places surrounding your current position, e.g. hotels, etc.

Note: If a name is too long to fit in the display, press the INFORMATION button to see the full name. When the system has sufficient information, the route is calculated automatically, the display clears and route guidance commences.

Navigation (DX units)

OFF ROAD

If you are in an area not covered by the system's digitised map when you select your destination, i.e. a car park, a voice message will tell you that you are in an unidentifiable position. The system will still calculate the route by basing your starting point on the latitude and longitude co ordinates reported by the GPS satellites.

An arrow on the left-hand side of the display will point in the compass direction of your intended destination and the distance will show as a direct measurement between the start and end points of your journey.

Normal route guidance will resume once you reach a road covered by the map and the distance will now be based on actual road measurements.

TOUR LISTS

This feature allows you to enter a sequence of different destinations – either previously memorised or new. The navigation system will then plan a route based on all the destinations you have entered. This feature allows you to plan, for example, a route that deviates via the destinations you enter rather than adopting a direct route from your current position to the final destination.

Planning a tour

Select DEST MEMORY from the main NAVIGATION menu, then select the EDIT MEMORY and CLEAR ALL DESTS options before starting a new tour. Otherwise, previously memorised destinations from an earlier tour will still be in the new tour list.

• Select TOUR LIST from the main NAVIGATION menu.

• Select NEW DEST from the TOUR LIST menu.

• In the normal way, choose a previously memorised destination or enter a new destination, to add to your tour list.

As each destination is entered, the screen displays all the destinations already entered as part of the tour.

To enter further destinations, press the ESC button to return to the TOUR LIST menu and repeat this process.

Navigation (DX units)

Reordering a tour list

To alter the order of a tour list, use the rotary ENTER control to highlight a listed entry. A double arrow appears alongside the selection and the rotary ENTER control can be used to reposition it. Press and hold the same control to confirm its new position.

Deleting a destination from a tour list

• To delete a tour destination from a tour list, select CANCEL DEST from the TOUR LIST menu.

• Select SINGLE DEST or ALL DESTS to remove one or all destinations.

• Select RESET to the main menu.

Commencing a tour

To start a tour, select START TOUR from the TOUR LIST menu, then select the first destination. A route is then calculated to the selected tour list destination.

Tour list route guidance will then continue from this destination, to the next on the list and so on, until the final destination is reached.
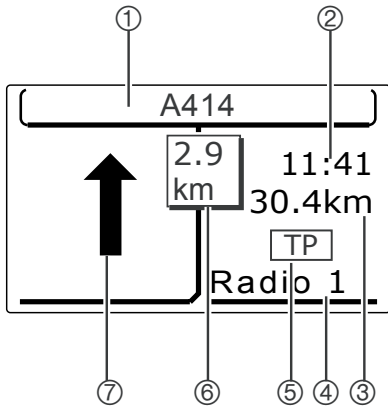
If you choose not to start at the first destination in the list, the tour will start from your current position. It will then proceed directly to your chosen intermediate destination, then all following destinations to the last destination on the tour list.

Revisiting a tour destination

If one of the tour destinations is closed (e.g. a museum), before you leave that destination, press the ESC button and select TOUR LIST, then STORE DEST.

• Select ESC and leave route guidance.

• Select TOUR LIST and SORT DEST.

• Select the location to be revisited and use the rotary ENTER control to reposition it in your tour list.

• Press the ESC button and TOUR LIST, then select your next intermediate destination – route guidance restarts automatically.

Navigation (DX units)

A voice message will give clear instructions as the journey proceeds. To repeat the last verbal instruction, press the INFORMATION button.

ROUTE DISPLAYS

Once route guidance starts, the display screen will show:

1) Current road name or name of the next road on the route.

2) Time options dependent on the selection in the system set-up.

3) Distance to destination.

4) Radio station name selected or CD track number.

5) TP will show if the radio station is providing traffic announcements.

6) Distance to next turning.

7) Direction for the next section of the route.

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MODIFYING ROUTES

Unless a passenger can make changes for you, you must stop the vehicle before modifying your route.

To avoid traffic jams or if there is a road diversion, press the DETOUR button to select an alternative route. Choose one of the following options:

• Modify route list

Select this option to choose a section of a route that you wish to avoid. When selected, a list of roads on the route will be shown in the display.

A + symbol alongside a road name, indicates that subsections (minor roads) are also selectable.

To expand the display to include these, highlight the road section with the + symbol then press and hold the rotary ENTER control. A – symbol shows when the displayed list cannot be expanded further.

Use the rotary ENTER control to select the roads you wish to use as the start and end points of your diversion. All the roads in between will be avoided and the route will be recalculated.

To avoid a whole road, e.g. a major route, examine the list to find the first and last points that the road is mentioned. Select these and this part of the route will be avoided.

Note: Road sections that cannot be avoided are identified by a padlock symbol and cannot be selected.

To make further changes or to cancel a diversion, press the DETOUR button and select MODIFY to make another change, or CLEAR to remove a programmed detour.

Note: On long journeys, only part of the route will be displayed at any one time. This means you may have to wait until you are closer to the area you wish to avoid before you can alter the route.

Navigation (DX units)

• Traffic ahead

If a traffic announcement on the radio warns you of heavy traffic conditions ahead, you need to determine how far ahead the conditions will persist.

Select this option, then turn the rotary control to select either FROM or TO, and press the rotary ENTER control to confirm your selection.

Then use the rotary ENTER control to adjust your starting or end position and press the same button to confirm your selection. Select OK and proceed with the revised route, or select CLEAR to abort the detour.

Missed turnings

If you go past a turning, the system will automatically recalculate the route and you may be asked to make a U-turn. If you are unable to make a U-turn, continue in the direction you are currently travelling. The navigation system will detect your position and revise the route. You will be given new directions.

Note: In vehicles with a dealer-installed handsfree kit, automatic audio muting during a telephone conversation might mean that a verbal navigation instruction is missed. Use the INFORMATION button to repeat the last verbal instruction.

TRAFFIC MESSAGE CHANNEL

In some countries, Traffic Message Channel (TMC) information is collected continuously from sensors on the highway and from police reports. This is passed immediately to radio stations that subscribe to the service.

It is then broadcast on the FM waveband as additional code in the transmitted signal, and can be used by the navigation system to revise a pre-programmed route in the event of traffic congestion, road works, accidents, etc., which have a bearing on the current position and heading of your vehicle.

This operation is automatic, but a voice message will advise that the route has been changed.

Navigation (DX units)

To use TMC

TMC transmitting stations are stored on the FM waveband FMC presets. There are two ways to do this:

• Press the AM/FM button then press the soft key adjacent to FMC on the display screen. The unit will automatically search for TMC stations and store them on the presets.

• Enter the Route options menu (see System settings) and select the dynamic (DYN) option. The unit will automatically tune to a TMC station if one can be located.

⚠ If you have dynamic route guidance (DYN option) selected in countries where TMC is not available, or in areas where no TMC station is within range, the audio unit will endlessly search the FM waveband for a non-existent FMC signal, and radio and CD playback will be lost. If this happens, merely select another FM waveband.

Note: In countries where no TMC service is currently available, there is no way of knowing when such a service might be introduced. It is therefore advisable to check occasionally by selecting the FMC waveband.

As soon as you select or program a route with the dynamic option selected, the unit will automatically tune to a TMC station.

If you choose to retune to a non-TMC station, or if you go out of range of any TMC station, dynamic route guidance will be switched off.

If you manually retune to a non-TMC station, dynamic route guidance will remain off until you reselect the FMC channel. The last manually selected station will remain in effect even if the ignition is turned off and on again.

Navigation (DX units)

Note: The editorial traffic staff of the radio stations are responsible for the content of a TMC traffic announcement. To ensure that only the data that is relevant to your current vehicle position is used, the TMC function only processes TMC messages relating to an area within a 62 mile radius of your vehicle position.

WAYMARKS

At any point, you can mark your current position, which is then known as a waymark or position mark. This can then be used as a future destination and is a useful way to record places like your home and work addresses.

To mark a waymark

• Press the waymark button.

• Then select CONTINUE and your current location will be stored in the waymark memory, with the date and time used as a default identity.

Note: If you do not name the position at this point, it will need to be named later, before it can be deleted from the memory.

Renaming a waymark

• Press the waymark button.

• Then select NAME and give it a meaningful name. It will then be stored in the system's memory under the name you chose.

• The renamed location will also be moved to the main memory and out of the waymark memory.

To rename an identified waymark:

• Select DEST. MEMORY, EDIT MEMORY, SORT DEST and the waymark to be named.

• Use the rotary ENTER control to select and enter the name required.

• Press ESC to return to the EDIT MEMORY menu.

Deleting a waymark

• Follow the procedures above to name the position mark.

• Select CLEAR DEST, SINGLE DEST and use the rotary ENTER control to highlight your selection.

• Select DELETE and press the rotary ENTER control to remove that entry.

MEMORISED DESTINATIONS

Fast access

Press the FAST ACCESS button for the most recent locations listed in the navigation system memory. Select the one required and a route will quickly be calculated to that destination.

Note: This feature is extremely useful for keeping your favourite destinations (e.g. your home address) readily available for quick access. However, it always accesses the most recent destinations stored in the system's memory and these are stored initially in the order you entered them. To ensure that your favourite destinations remain available, you must sort them manually.

Manually sorted destinations

To find and select an individual destination previously memorised:

• From the main navigation menu, select DEST. MEMORY.

• Select MANUAL SORTED.

• Use the rotary ENTER control to highlight and select the destination required.

Alphabetically sorted destinations

To find and select a memorised destination in alphabetic order:

• From the main navigation menu, select DEST MEMORY.

• Select ALPH. SORTED. The list will be sorted in a few seconds.

• Use the rotary ENTER control to highlight and select the destination required.

Editing existing destinations

There are several ways you can organise the data previously stored in the unit's memory. Each feature is described below and you will use the same methods described in previous sections. All are accessed as follows:

• From the main navigation menu, select DEST MEMORY.

Navigation (DX units)

• Select EDIT MEMORY then choose one of the following options:

– SAVE DEST - To save the current destination, or the last one entered, in the memory. When prompted, give the destination a name.

– ENTER DEST - Allows you to enter a destination that is not immediately required for route planning purposes. It will merely be saved in memory for later use.

– CLEAR DEST - Allows you to clear all or single destinations.

Note: The last ten destinations are stored automatically unless the LAST 10 option in the navigation set-up menu has been switched to OFF. These can be deleted using the CLEAR LAST 10 option.

• MODIFY DEST - allows you to change the name of a stored destination. Choose the appropriate destination from the list then enter a new name in the normal manner. The old name will appear highlighted underneath but, a short while after you have confirmed the new name, it will take the place of the old name in the list.

• SORT DEST - to manually sort or reposition destinations in the system memory:

– Select SORT DEST.

– Use the rotary ENTER control to highlight and select the destination required.

– A double arrow appears alongside the selection and the rotary ENTER control can be used to reposition it.

– Press the rotary ENTER control to confirm its new position.

Note: When sorting destinations, ensure your FAST FIVE still occupy the first five lines of the destinations listed.

ENDING ROUTE GUIDANCE

Press the ESC button to end route guidance at any point of your journey. The display will request confirmation. Select YES or NO as appropriate.

Navigation (EX units)

⚠ Do NOT attempt to use the navigation system until you have read this book in its entirety. Please note also that many of the navigation features are dependent on settings that first need to be entered in the system's memory.

Note: If the vehicle battery is disconnected for any reason, the navigation system needs to rescan for available satellites when the battery is reconnected. Normally this will take no longer than three or four minutes.

ROAD SAFETY

Please read and observe the warning display screen, then select OK and press the rotary ENTER control to continue.

For your own safety, and for the safety of other road users, navigational information should only be selected when the vehicle is stationary. While your vehicle is in motion, the destination entry keyboard is locked and deliberately inaccessible. You will only be able to make changes, if you stop the vehicle.

⚠ Even when it is possible to select more detailed menus on the move, we recommend this be done by a passenger, or by the driver only when the vehicle is stopped. Making any selections whilst driving diverts the driver's attention from the road.

Note: Where Speedlock is installed, navigation route settings are locked and cannot be altered while the vehicle is moving at 5 kph or more.

The level of route guidance voice instructions can be altered if required. But for road safety reasons, it is recommended you leave the voice instructions audible. This allows you to follow route guidance instructions without taking your eyes off the road.

Navigation (EX units)

When viewing a navigation menu:

• Use soft keys or the rotary ENTER control to select and highlight an item in the display.

• Press the rotary ENTER control to confirm your selection.

If you select the wrong item, press the ESC button to return to the previous screen, or press NAV again to go back to the main navigation menu.

If all the list entries available cannot be displayed on screen at the same time, an arrow will show in the display. Turn the rotary ENTER control to scroll through the options available.

In some situations, on-screen displays may appear in grey type rather than black. This means that the feature is currently unavailable and cannot be accessed.

Note: After a route has been calculated and route navigation is underway, the navigation CD can be removed and replaced with an audio CD/MP3-file for normal playback. However, full information about the route must be loaded first and an on-screen NAV symbol fills to black as this is completed. The display indicates if a navigation disc is removed too soon.

STARTING NAVIGATION

Press the NAV (Navigation) button to access the main navigation menu. If a navigation disc is not inserted, a display appears requesting the CD.

Navigation (EX units)

ROUTE OPTIONS

• Press the MENU button to access the NAV SETTINGS menu.

• Use the soft keys to switch functions on or off, or to select options from the following settings:

– ROUTE - This determines whether your calculated routes are the fastest (FAST), shortest by distance (SHORT) or are dynamic (DYNAMICALLY).

In areas where TMC is operational, DYNAMICALLY must be selected if you want route navigation to be influenced by live traffic messages received from radio stations broadcasting TMC signals.

Note: If TMC signals are not available or getting weaker, the system will scan for a TMC station automatically. If no TMC station is available, the system will switch to the next station in the frequency range.

If you tune to a non-TMC station, the display will ask whether you want to continue dynamic route guidance without TMC information.

– FAST ROADS - Select YES or NO for routes that either use motorways or do not use them.

– TIME - Select a display showing either the time left still to drive (a car icon is displayed), or your estimated time of arrival (a flag icon).

– TOLL ROADS - Select YES or NO for routes that either use toll roads or do not use them.

– FERRY - Select YES or NO for routes that either use ferries or do not use them.

Navigation (EX units)

DESTINATION SELECTION

Enter your route options and the DESTINATIONS menu offers you different ways to identify the destination you require.

Once a destination is entered, the navigation system will calculate your route when you press the rotary ENTER control. If the destination is calculable, the display will show ENTER=START GUIDANCE. Press the rotary ENTER control to commence route guidance.

Every time you enter a new destination, it is retained in the system's fast access LAST 15 memory. The sixteenth destination entered will overwrite the first entry.

Only destinations are stored, not routes. So, whenever you select a memorised destination, a new route will be calculated from your current position.

The on-screen display destination selection options are:

• LAST 15 – To fast access the last fifteen destinations entered. Use the rotary ENTER control to scroll through the list available and highlight a selection. Press the same button to confirm your selection.

• MANUAL SORT – To recall ALL the destinations stored in the memory, displayed in an order manually sorted to suit your own requirements. Select as for LAST 15.

• A-Z SORT – To recall all the destinations stored, this time displayed in alphabetical order. Select as for LAST 15.

• NEW – To enter a new destination not previously stored.

• EXTRA – To access the following menu options:

– TOUR LIST - To link together a number of destinations and form one complete route.

Navigation (EX units)

– TRAVEL GUIDE - For use with specialist travel guides. These optional CD guides can be purchased separately and contain detailed information, including hotels, restaurants, tourist attractions, golf courses, etc. Please refer to the notes on the inside back cover for more information about obtaining new CDs.

– SIMULATION - Select a simulated route for demonstration purposes.

– MAN POSITION - To enter a current position manually. Use this to enable the system to detect a current position more quickly after a ferry or train journey, when route guidance is not active. It can also be used to simulate route guidance from a start point that is different to the actual current position.

– GPS INFO - To see information received from the GPS including current geographical position and the number of satellites from which data is being received.

ROUTE SELECTION

To plan a new route, press the soft key alongside NEW in the DESTINATIONS main navigation menu and an ENTER DESTINATION screen appears.

• If a multi-country navigation CD is being used, press the soft key alongside the country name display, to access a list of available countries. Use the rotary ENTER control to scroll through the list available and press the same button to confirm a selection.

• If a single country CD is being used, this selection option will be unavailable.

Navigation (EX units)

Selecting a city

- Use the soft key alongside CITY, and a keyboard display appears on-screen.

- Turn the rotary ENTER control to select each letter of the city name you require. As an individual letter is selected it is highlighted.

- If additional special characters for foreign languages are available but not shown on the screen, select the up/down arrow symbol and the missing characters will appear in the display.

- Press the rotary ENTER control to confirm each letter, and repeat this process to spell out the city you require.

- As you add more letters, the system will predict possible destinations and displays letters that cannot be used in grey.

- If you make a spelling mistake, press the DEL button to delete letters, one at a time.

- When your city destination is shown, press the rotary ENTER control to confirm it.

Other destination selection options

Once the city is confirmed, further menu options allow you to add more detail to your destination selection.

- CENTRE – Select this and use the rotary ENTER control to scroll through a list of local centres identified in your chosen city. Press the same button to confirm your selection.

- STREET – Use the same method to select and enter a required road name.

- JUNC/NO – Use this to enter a defined junction or house number, where these are available.

Navigation (EX units)

• P.O.I. – Even more choices are offered by a feature called Places of Interest (P.O.I.). These include car parks, filling stations, hospitals, motorways, Ford Dealers etc. Using the rotary ENTER control, the following area options may be selected for P.O.I.:

– LAST CALCULATED AREA - Places of interest at the destination selected.

– OTHER CITY AREA - Places surrounding a location entered using the keyboard speller.

– POSITION AREA - Places surrounding your current location.

– SUPRAREGIONAL - Places within a wider regional area, e.g. motorway junctions and services, airports, etc.

When the system has sufficient information, ENTER=START GUIDANCE will be displayed. Press the rotary ENTER control and route guidance commences.

OFF ROAD

If you are in an area not covered by the system's digitised map when you select your destination, i.e. a car park, a voice message will tell you that you are in an unidentifiable position.

The system will still calculate the route by basing your starting point on the latitude and longitude co ordinates reported by the GPS satellites.

An arrow on the left-hand side of the display will point in the compass direction of your intended destination and the distance will show as a direct measurement between the start and end points of your journey.

Normal route guidance will resume once you reach a road covered by the map and the distance will now be based on actual road measurements.

TOUR LISTS

This feature allows you to enter a sequence of different destinations – either previously memorised or new. The navigation system will then plan a route based on all the destinations you have entered. This feature allows you to plan, for example, a route that deviates via the destinations you enter rather than adopting a direct route from your current position to the final destination.

Navigation (EX units)

Planning a tour

• Press the soft key alongside EXTRA on the DESTINATIONS menu.

• Press the soft key alongside TOUR LIST.

• A list of previously memorised destinations will be displayed. Use the rotary ENTER control to select and enter a destination, or the soft key selection offered alongside the following three options:

– ADD - Use this to add a new destination. A keyboard speller is displayed, character selection is completed in the normal way and the destination can be moved to a preferred position in the tour list.

– A-Z - Use this to find a previously memorised destination, displayed in alphabetical order. Select the destination required in the normal way, and move it to a preferred position in the tour list.

– MAN - Use this to enter a previously memorised destination, displayed in a manually sorted order. Select the destination required in the normal way, and move it to a preferred position in the tour list.

Reordering a tour list

To alter the order of a tour list, use the rotary ENTER control to highlight a listed entry. Then press and hold the same control and the destination can be moved to another position in the list.

Deleting a destination from a tour list

To delete a tour destination from a tour list, select and highlight the destination to be deleted. Then press and hold the DEL button.
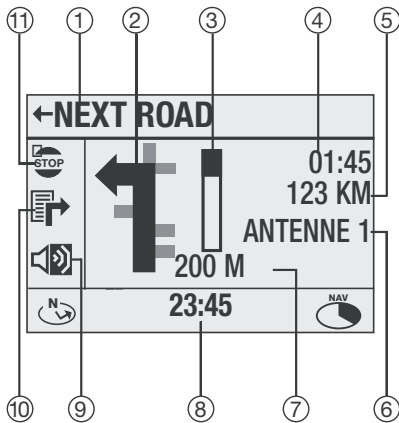
Commencing a tour

To start a tour, select the first destination required on the tour list, and press the rotary ENTER control. A route is then calculated to the selected tour list destination.

Tour list route guidance will then continue from this destination, to the next on the list and so on, until the final destination is reached.

If you choose not to start with the first destination in the list, the tour will start from whichever destination you select.

Navigation (EX units)

ROUTE DISPLAYS

Once route guidance starts, an active navigation display screen appears. Use the soft keys to make adjustments when necessary.

1) Current road name or name of the next road on the route.

2) Direction for the next section of the route.

3) Distance to next turning (progress bar).

4) Time options dependent on screen selection in the system set-up.

5) Distance to destination.

6) Radio station name selected or CD, track or MP3-file number.

7) Distance to next turning (in metres).

8) Current time.

9) Indicates if voice instructions are switched on (black icon) or off (grey icon).

10) Displays route list for information or editing purposes (available only during active route guidance).

11) Stop (active route guidance) or start route navigation (from inactive or previously stopped active route guidance).

A voice message will give clear instructions as the journey proceeds. To repeat the last verbal instruction, press the INFORMATION button.

Note: If route guidance is inactive and not selected, a north direction tracking display appears.

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Navigation (EX units)

MODIFYING ROUTES

Unless a passenger can make changes for you, you must stop the vehicle before modifying your route.

To avoid traffic jams or if there is a road diversion, press the DETOUR button to select an alternative route. Choose one of the following options:

• **Modify route list**

Select this option to choose a section of a route that you wish to avoid. When selected, a list of roads on the route will be shown in the display.

A + symbol alongside a road name, indicates that subsections (minor roads) are also selectable.

To expand the display to include these, highlight the road section with the + symbol then press and hold the rotary ENTER control. A – symbol shows when the displayed list cannot be expanded further.

Use the rotary ENTER control to select the road section at the start of your diversion, and press it to confirm your selection. An 'O' symbol indicates a blocked road section. To unblock it, press the ESC button.

To avoid more than one road section, use the rotary ENTER control to select start and end points of the section you wish to avoid. Press the rotary ENTER control to block out the section, or press the ESC button to unblock them.

A new route will be calculated and NEW CALC appears in the display.

Note: Road sections that cannot be avoided are identified by a padlock symbol and cannot be selected.

To make further changes or to cancel a diversion, select MODIFY ROUTELIST again, by turning and pressing the rotary ENTER control, then select MODIFY to make another change, or CLEAR to remove a programmed detour.

Note: On long journeys, only part of the route will be displayed at any one time. This means you may have to wait until you are closer to the area you wish to avoid before you can alter the route.

• **Traffic ahead**

If a traffic announcement warns you of heavy traffic conditions ahead, you need to select a detour that avoids the distance covered by the traffic jam.

Select TRAFFIC AHEAD and turn the rotary ENTER control to select the distance on your route to be avoided. Press the same button again to confirm your selection.

An updated route is calculated which avoids the affected traffic area.

Missed turnings

If you go past a turning, the system will automatically recalculate the route and you may be asked to make a U-turn. If you are unable to make a U-turn, continue in the direction you are currently travelling. The navigation system will detect your position and revise the route. You will be given new directions.

Note: In vehicles with a dealer-installed handsfree kit, automatic audio muting during a telephone conversation might mean that a verbal navigation instruction is missed. Use the INFORMATION button to repeat the last verbal instruction.

TRAFFIC MESSAGE CHANNEL

In some countries, Traffic Message Channel (TMC) information is collected continuously from sensors on the highway and from police reports. This is passed immediately to radio stations that subscribe to the service.

The TMC signal is then broadcast on the FM waveband as additional code in the transmitted signal. If dynamic route guidance is selected, it will be used by the navigation system to revise a pre-programmed route in the event of traffic congestion, road works, accidents, etc., which have a bearing on the current position and heading of your vehicle.

This operation is automatic and transparent, but a voice message will advise that the route has been changed.

Navigation (EX units)

To use TMC

With navigation mode selected, press the MENU button to access navigation settings and select dynamically (DYN) from the route criteria options.

An on-screen display will ask if a TMC station is required. Select YES and the unit will quieten, then automatically search for and tune to a radio station transmitting TMC signals. If a suitable station is found, TMC will appear in the display.

If you retune to a non-TMC station, or if you go out of range of a selected TMC station, the display informs you and the system automatically starts searching for another TMC station. If it cannot find one, the next station in the frequency will be selected. Dynamic route guidance remains selected.

Note: If you have dynamic route guidance selected in countries where TMC is not available, or in areas where no TMC station is within range, the audio unit will ask if a TMC station is required. Select YES and the unit will search for a TMC station. As it will not be able to find one, the next station in the frequency will be selected. Dynamic route guidance remains selected.

WAYMARKS

At any point, you can mark your current position, which is then known as a waymark. This can then be used as a future destination and is a useful way to record places like your home and work addresses.

To mark and select a waymark

• Press and hold the WAYMARK button and your current position will be stored in the waymark memory, with the date and time used as a default identity.

• Press the WAYMARK button to open the waymark memory and use the soft key alongside waymark to store the position, or use the soft key alongside REN (Rename) to rename and store the location in the main memory.

Navigation (EX units)

- Use the rotary ENTER control to select and enter the location and to start route guidance.

- Press the WAYMARK button briefly and the waymark memory is displayed, showing the five stored positions. After pressing the soft key alongside the WAYMARK display, the current position is stored as described above.

Note: The sixth stored waymark will overwrite the first position stored, unless this has been renamed.

Renaming a waymark

- Use the rotary ENTER control to select a waymark from the memory.

- Then use the soft key alongside REN (Rename) to give it a meaningful name. It will then be stored in the system's memory under the name you chose.

- The renamed location will also be moved to the main memory and out of the waymark memory.

Deleting a waymark

To delete a waymark, use the rotary ENTER control to select and highlight the location to be deleted. Then press the DEL button briefly.

MEMORISED DESTINATIONS
Fast access

- Press this button for fast access to the last fifteen calculated destinations and to access:

- Soft key on-screen options that include NEW, RENAME and MANUAL SORT.

  – Use the soft key alongside NEW to add a new destination.

  – Use the soft key alongside REN to rename a selected destination in the main memory, with a meaningful name.

  – Use the soft key alongside MAN to display the main menu, manually sorted.

- Use the rotary ENTER control to select a destination.

- Press the rotary ENTER control and a route will be calculated to that destination.

- Press the DEL button briefly to delete a highlighted destination. Press and hold the DEL button to delete all destinations in the memory.

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Navigation (EX units)

Note: The manually sorted main memory is extremely useful for keeping your favourite destinations (e.g. your home address) readily available for quick access, because these destinations can be moved and stored in the order you need them.

Manually sorted destinations

To find and select a memorised destination stored within a manually sorted listing:

• From the DESTINATION menu, use the soft key alongside MANUAL SORT to access this function.

• Soft key on-screen options include ADD, RENAME and A-Z SORT.

– Use the soft key alongside ADD to add a new destination.

– Use the soft key alongside REN to rename a selected destination in the main memory, with a meaningful name.

– Use the soft key alongside A-Z to display the main memory, alphabetically sorted.

• Use the rotary ENTER control to select a destination.

• Press the rotary ENTER control and a route will be calculated to that destination.

• Press the DEL button briefly to delete a highlighted destination. Press and hold the same button to delete all destinations in the memory.

Note: It is possible to alter the order of a manually sorted list by using the rotary ENTER control to highlight a listed entry. Then press and hold the same control and the destination can be moved to another position in the list.

Alphabetically sorted destinations

To find and select a memorised destination stored within an alphabetical listing:

• From the DESTINATION menu, use the soft key alongside A-Z SORT to access this function, and the list will be sorted in a few seconds.

• Soft key on-screen options include ADD, RENAME and LAST 15.

  – Use the soft key alongside ADD to add a new destination.

  – Use the soft key alongside REN to rename a selected destination in the main memory, with a meaningful name.

  – Use the soft key alongside L15 to switch to a list of the last fifteen calculated destinations.

• Use the rotary ENTER control to select a destination.

• Press the rotary ENTER control and a route will be calculated to that destination.

• Press the DEL button briefly to delete a highlighted destination. Press and hold the DEL button to delete all destinations in the memory.

ENDING ROUTE GUIDANCE

• Press the ESC button to end route guidance at any point of your journey. The display will request confirmation. Select YES or NO as appropriate and press the rotary ENTER button to confirm it.

• Or use the soft key alongside the on screen STOP display to stop or interrupt active route guidance.

CD controls

Your audio unit can also play audio CDs but, on DX units, you cannot use the navigation features when an audio CD is inserted. You can only use both features at the same time, if you have a CD changer fitted.

Insert an audio CD or, on EX units, an audio CD or a CD/MP3-file and playback will start automatically.

During radio reception, press the CD button to start playback from a disc already inserted in the unit. Playback will commence from the place where it was last stopped.

Note: Press the CD button again to access an auxiliary media source, e.g. a portable tape, DAT or MiniDisc device.

CD TRACK SELECTION

Press the SEEK buttons to select the previous or the next track on the disc selected.

CD FAST FORWARD/REVERSE

Press and hold the SEEK buttons to search backwards or forwards within the tracks on the disc.

CD PLAYBACK OPTIONS

During CD playback:

DX units

• Press the CD/C button to select from the on-screen options available.

EX units

• Press the MENU button to access these options.

• Use the soft keys to make an option adjustment.

– SCAN - Select SCAN ON to play the first few seconds of each track. To continue listening to a selected track, press the ESC button or the rotary ENTER control. To end scan, use the soft key to select SCAN OFF.

– MIX - Select MIX ON to play all the tracks in random order.

– REPEAT - Select REPEAT ON to repeat the current track.

– PROGRAM - Select this function to programme and store the sequence of tracks for playback that you require. Follow the on-screen display options and every time the CD is played, your playback sequence will be available and can be started using the PROGRAM menu (for CD settings only).

– NAME - Select this function to name a disc inserted into the audio unit. Every time the named CD is played, your CD name will appear in the display, instead of the usual CD and track number (for CD settings only).

Track time

During playback, the elapsed time appears at the top of the display.

MP3 FEATURES
(EX units only)

You can also use this audio unit to play CDRs and CD-RWs that contain MP3 music files. MP3 is a process for compressing CD audio data to around 10% of their original size without a noticeable loss in quality (at a bit rate of 128 kbit/s). If a lower bit rate is used, there will be a loss in audio quality.

The various combinations of CD burners, CD burning software and CD blanks may lead to playback problems with certain CDs. If this happens with your own burned CDs, try another brand of disc or choose another colour of CD blank.

To minimise problems, do not burn CDs at speeds greater than 16-speed. The CD format used must be ISO 9660 Level 1 / Level 2 or Joliet. Other formats cannot be played reliably.

Your audio unit supports a directory depth of eight. Deeper directories will not be recognized or played. You can name each directory using a PC and your audio unit will display these directory names.

Name the directories and tracks/files using your CD burner software, but avoid using accents and special characters. The software's instruction manual will provide details on how to do this.

CD controls

If you like your files to be in a certain order, use burner software that places files in an alphanumerical order. If your software does not provide this feature, sort the files manually by including a number (e.g. '001', '002', etc.) at the beginning of each file name – you must include the leading zeros.

MP3 tracks may contain additional information such as artist, album and track names (ID3 tags) and your audio unit can display these tags.

When creating (encoding) MP3 files from audio files, use bit rates of 8 up to a maximum of 256 kbits/sec and sampling rates of 8 to 48 kHz. Your audio unit will only play MP3 files that have a valid '.MP3' file extension.

Do not use CDs with non-MP3 data and MP3 tracks, the device only reads MP3 files during MP3 playback. If you use a mix-mode CD containing CD-audio tracks and MP3 tracks, your audio unit will only play the CD-audio tracks.

When a compact disc is loaded into the TravelPilot EX unit, the display will show 'READING' while the unit scans the disc. The time this takes will depend entirely on the number of tracks, files and folders on the disc. 'AUDIO CD' or 'MP3 CD' will then be displayed to indicate the type of CD the unit detected.

MP3 track selection
• Press seek right to select and play the next MP3 track.
• Press seek left within 3 seconds of the start of a track, to select and play the previous MP3 track.
• Press seek left after 3 seconds of MP3 track playback, to restart that track.

MP3 directory selection
• Press soft key one to select playback from the first file on the previous MP3 directory.
• Press soft key two to select playback from the first file on the next MP3 directory.

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CD controls

MP3 browse mode (only enhanced MP3 mode)

In this mode it is possible to browse a complete MP3 CD like in Windows Explorer and to select another directory or file while listening to an MP3 file. In this mode, directory and file names are displayed, instead if ID3 tag information.

With an MP3 playback screen is displayed;

• Press soft key one to select one directory up.

• Press soft key two to scroll to the end of a selected list entry.

• Press soft key three to scroll to the start of a selected list entry.

• Turn the rotary ENTER control to select a listed item in MP3 browse mode.

• Press the rotary ENTER control to open a subfolder and continue playing a current file or, if the listed item is a MP3 file, to start playback from that selected file.

MP3 display options

Selecting display information

When an MP3 disc is playing, certain information encoded in each track can be displayed on the unit. Such information will normally include:

• The name of the album from which the song was taken

• The song title

• The artist's name

The unit will normally show the file name of the track that is playing and the track number. To select one of the other items of information:

• Press the MENU button repeatedly until an MP3 display is shown.

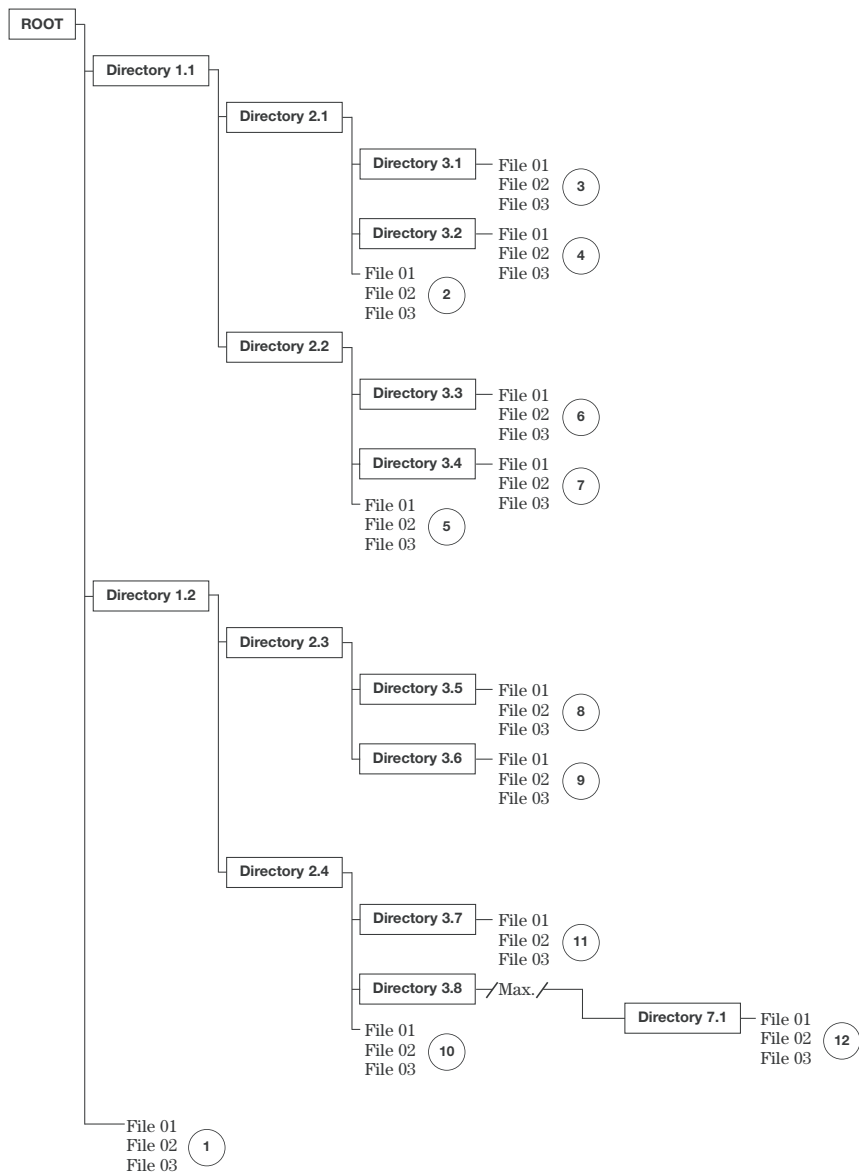• Use the soft keys alongside the up and down icons to make a selection.

During route guidance, navigation screen displays will appear alongside MP3 information.

EJECTING CDs

Press the eject button.

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CD controls

MP3 playback order

ROOT	
Directory 1.1	
Directory 2.1	
Directory 3.1	File 01 File 02 File 03 (3)
Directory 3.2	File 01 File 02 File 03 (4)
File 01 File 02 File 03 (2)	
Directory 2.2	
Directory 3.3	File 01 File 02 File 03 (6)
Directory 3.4	File 01 File 02 File 03 (7)
File 01 File 02 File 03 (5)	
Directory 1.2	
Directory 2.3	
Directory 3.5	File 01 File 02 File 03 (8)
Directory 3.6	File 01 File 02 File 03 (9)
Directory 2.4	
Directory 3.7	File 01 File 02 File 03 (11)
Directory 3.8	Max. — Directory 7.1 — File 01 File 02 File 03 (12)
File 01 File 02 File 03 (10)	
File 01 File 02 File 03 (1)	

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CD controls

(1) ... (12)   Play back sequence MP3-Files

\File 01
\File 02
\File 03
\Directory 1.1\Directory 2.1\File 01
\Directory 1.1\Directory 2.1\File 02
\Directory 1.1\Directory 2.1\File 03
\Directory 1.1\Directory 2.1\Directory 3.1\File 01
\Directory 1.1\Directory 2.1\Directory 3.1\File 02
\Directory 1.1\Directory 2.1\Directory 3.1\File 03
\Directory 1.1\Directory 2.1\Directory 3.2\File 01
\Directory 1.1\Directory 2.1\Directory 3.2\File 02
\Directory 1.1\Directory 2.1\Directory 3.2\File 03
\Directory 1.1\Directory 2.2\File 01
\Directory 1.1\Directory 2.2\File 02
\Directory 1.1\Directory 2.2\File 03
\Directory 1.1\Directory 2.2\Directory 3.3\File 01
\Directory 1.1\Directory 2.2\Directory 3.3\File 02
\Directory 1.1\Directory 2.2\Directory 3.3\File 03
\Directory 1.1\Directory 2.2\Directory 3.4\File 01
\Directory 1.1\Directory 2.2\Directory 3.4\File 02
\Directory 1.1\Directory 2.2\Directory 3.4\File 03
\Directory 1.2\Directory 2.3\Directory 3.5\File 01
\Directory 1.2\Directory 2.3\Directory 3.5\File 02
\Directory 1.2\Directory 2.3\Directory 3.5\File 03
\Directory 1.2\Directory 2.3\Directory 3.6\File 01
\Directory 1.2\Directory 2.3\Directory 3.6\File 02
\Directory 1.2\Directory 2.3\Directory 3.6\File 03
\Directory 1.2\Directory 2.4\File 01
\Directory 1.2\Directory 2.4\File 02
\Directory 1.2\Directory 2.4\File 03
\Directory 1.2\Directory 2.4\Directory 3.8\File 01
\Directory 1.2\Directory 2.4\Directory 3.8\File 02
\Directory 1.2\Directory 2.4\Directory 3.8\File 03
\Directory 1.2\Directory 2.4\Directory 3.8\...\Directory 3.8\File 01
\Directory 1.2\Directory 2.4\Directory 3.8\...\Directory 3.8\File 02
\Directory 1.2\Directory 2.4\Directory 3.8\...\Directory 3.8\File 03

Sequence MP3-Directories:
Root
\Directory 2.1
\Directory 3.1
\Directory 3.2
\Directory 2.2
\Directory 3.3
\Directory 3.4
\Directory 3.5
\Directory 3.6
\Directory 2.4
\Directory 3.7
\Directory 7.1

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CD controls

LOADING A CD CHANGER

- Apply slight pressure to the changer unit door. It will open when you release it.

- Press the eject button and remove the magazine.

- Insert individual discs, label side up, into each slot until they click into position.

  Do not insert more than one disc in each slot.

To remove a disc

Pull out the individual tray containing the disk and remove it.

Inserting the magazine

An arrow on the magazine shows which direction to insert it into the CD Changer. Press firmly until the magazine clicks into position, then close the changer door.

Note: The CD changer is not installed in the same place in all vehicles. Please refer to your Owner Guide for the exact location.

CD CHANGER PLAYBACK

Playback with an audio CD in the audio unit

During radio reception:

- DX units – Press the CD/C button twice and press the soft key alongside CDC.

- EX units – Press CD/AUX three times.

During playback from a disc inserted in the audio unit:

- DX units – Press the CD/C button once and press the soft key alongside CDC.

- EX units – Press CD/AUX twice.

Playback will start from the first disc in the changer and the display will confirm which disc is selected.

Playback with a navigation CD in the audio unit

- DX units – Press CD/C once.

- EX units – Press CD/AUX twice.

To select another CD in the changer, press the soft key alongside the screen display showing the disc required.

CD controls

Playback options

With CD changer playback selected:

• DX units – press the CD/C button to access the changer menu.

• EX units – press the MENU button to access the changer menu.

• Use the soft keys to make an option adjustment.

– SCAN - To play the first few seconds of each track. To continue listening to a track, press ESC.

– MIX - To play disc tracks in random order.

– REPEAT - To repeat either the whole disc or one track depending on the setting selected.

– CD - DX units - To return to single CD playback.

– COMP - EX units – To enhance sound quality by boosting quieter music and quietening louder music, to overcome wind and tyre noise during driving.

CD CHANGER SETTINGS (DX units only)

With CD changer playback selected:

• Press the AUD button to access the settings menu.

• Use the soft keys to make an option adjustment.

– TIME - To switch the track time display on or off.

– SCAN - To switch the scan function to either single disc or for all CDs in the changer.

– RPT - To switch the repeat function to either single track or for an entire disc.

General settings

You can access and adjust various general settings by pressing the MENU button repeatedly. The settings available appear in the display screen.

DX units

• Use the rotary ENTER control to select, adjust and store setting changes.

EX units

• Use the soft keys alongside the settings to be adjusted.

DISPLAY SETTINGS

• DAY/NIGHT

– DX units - Select ON and display brightness is dimmed automatically, if the vehicle's external lights are on.

– EX units - Select a daylight display, night display, or balanced day/night display. AUTO-MODE links the display setting to instrument panel illumination. Instrument lights on = night display setting, instrument lights off = daylight display. When selected, brightness settings for the display can only be affected by adjusting the instrument panel lighting levels.

• BRIGHTNESS – Adjust to increase or decrease the brightness setting.

• ANGLE – On DX units, adjust to suit different driving positions.

• CONTRAST – On EX units, adjust to increase or decrease the contrast setting.

• SPECIAL EFFECT – On DX units, adjust as required.

Note: In countries where the use of vehicle lighting during daylight hours is mandatory, alter the DISPLAY setting to suit local conditions.

General settings

VOLUME SETTINGS

- POWER-ON – On DX units, adjust the volume level set for whenever the audio unit is switched on.

- NAVI-MIN – On DX units, adjust the minimum volume level for route guidance instructions.

- NAV DIFF – On EX units, adjust to increase or decrease the difference in volume level between navigation route guidance and the audio system's normal sound output.

- TA MIN – Adjust to set the minimum volume level for traffic announcements.

- AVC/GALA – Adjust the Automatic Volume Control level at which audio unit volume compensates automatically for engine and road speed noise.

- PHONE – On DX units, sets the volume level for incoming calls when a connected phone system is fitted.

LOUDNESS (DX units only)

To make a loudness adjustment to normal audio output.

LANGUAGE OPTIONS

Use the rotary ENTER control to scroll through the language options available for voice instructions and display text. Press the same button to confirm your selection.

Note: English-derived languages have a choice of imperial (miles) or metric (kilometre) settings.

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General settings

CLOCK SETTINGS

• SET CLOCK

  – TIME - On EX units, adjust to increase or decrease the clock setting. This adjustment is only possible when no GPS signal is received. At other times when a GPS signal is received, the time is set automatically and previous settings are overwritten.

  – TIME ZONE - Adjust time zone settings.

  – SUMMER - Adjust for summer time settings.

  – FORMAT - Adjust for 12 or 24 hour settings.

  – STATUS CLOCK - On DX units, switched a permanent clock on or off.

  – MAIN CLOCK - On DX units, retains a clock display even when the audio unit is switched off.

• SET DATE (EX units only)

  – DAY - Adjust to increase or decrease the day setting.

  – MONTH - Adjust to increase or decrease the month setting.

  – YEAR - To increase or decrease the year setting.

  – SET DATE FORMAT - Adjust to select the setting layout required.

SYSTEM CHECKS

• INSTALL (DX units only) – Initiates built in system checks – for use by dealers only.

• SAFETY/KEYCODE – To adjust anti theft protection coding.

• DEFAULT SET/ RESET – To restore the audio unit's general or audio settings to ex-factory defaults. Select YES or NO as appropriate.

• FM SEEK (DX units only) – Selects setting sensitivity for radio station signal search.

Note: Even if you make no changes at all, the default language (German) will be restored. Non-German speakers must locate and select the menu option (SPRACHE/LANG) to reset the system to their preferred language.

Remote control

The remote control allows you to manage certain aspects of the audio unit without removing your hand from the steering wheel.

Volume control

The VOL rocker switch allows you to increase or decrease the volume of any audio source.

Search control

The SEEK switch can be pushed toward the instrument panel for forward searches, or pulled toward the steering wheel for backward searches.

In radio mode:

• A single press will search for the next station up or down the current waveband.
When playing a CD in the integral single player or in the CD changer (when fitted):

• A single press will search for the next or previous track on the current CD.

• Holding the switch will cause a fast forward or fast reverse movement until the switch is released.

Mode control (at the stalk end)

In radio mode:

• Press to tune the radio to the next station preset or, if a CD changer is fitted, to the next disc in the magazine.

• Press and hold to switch to the next application – AM/FM, CD, CD changer, if fitted, AUX, AM/FM, etc.

During playback from a disc in the audio unit:

• Press and hold to switch between radio reception and disc playback.

During playback from a disc in a CD changer:

• Press to select the next disc in the changer.

• Press and hold to switch between radio reception, playback from a disc in the audio unit and playback from a disc in the changer.

In any mode:

• A single press during a traffic announcement will terminate the announcement and return the unit to the original sound source.

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Obtaining new CD-ROMs

The CD containing the navigation data is distributed by Tele Atlas. Update CDs can be purchased on-line and details of other products that will work with this system can be obtained at the company's web site – www.navshop.com

In order that you can be notified when updated CDs are available, or when new navigation features are added, you can register with Tele Atlas as soon as you receive your navigation CD.

To register, send an email to service.centre@teleatlas.com, or telephone or fax your details to the appropriate number in the table below. Your details must include your name, full address, postcode and your telephone number. You should also specify

that the CD is used in the Ford TravelPilot system. You will then be given a customer service number and a reference number.

This CD is not backward compatible with earlier Ford navigation products such as Navigation System 1 or Navigation System 2.

Tele Atlas hotlines are available in the following countries:

COUNTRY	PHONE	FAX
Austria	01 502 91 00 04	01 502 91 00 05
Belgium	070 23 34 08	070 23 34 05
Switzerland	022 710 0007	022 710 0008
Germany	061 96 97 50 03	061 96 97 50 04
Denmark	80 88 03 27	80 88 03 26
Spain	91 514 0893	91 514 0894
France	01 55 21 25 05	01 55 21 25 06
Great Britain	020 8230 3188	020 8230 3191
Italy	02 80 66 30 03	02 80 66 30 04
Netherlands	020 582 94 91	020 582 94 92
Portugal	01424 5100	01424 5101
Sweden	08 402 8693	08 402 8694

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