

EXCLUSIVELY FROM TESCO



DAB-124

Owner's Handbook

Clock radio with dock for iPhone



IMPORTANT SAFETY INFORMATION



TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK)



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.

Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions. Do not use this apparatus near water. Clean only with a slightly damp cloth. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Do not install or operate near any heat sources such as radiators, stoves, or other apparatus that produce heat. Unplug this apparatus during lightning storms or when unused for long periods of time.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way,

such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Warning: To reduce the risk of fire or electrical shock, do not expose this product to rain or moisture. The product must not be exposed to dripping and splashing and no object filled with liquids such as a vase of flowers should be placed on the product.

No naked flame sources such as candles should be placed on the product.

Caution: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this device.

Caution: Usage of controls or adjustments or performance of procedures other than those specified herein may result in hazardous exposure.

IMPORTANT

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, this is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

ELECTRICAL INFORMATION

Use this appliance only with the supplied AC Adaptor. Using non-approved power supplies will void the warranty. Mains Supply: The mains operating voltage of the AC Adaptor is marked on a rating plate on the AC Adaptor.

The means of disconnecting this appliance from the mains supply is the AC adaptor. This should be unobstructed and readily operable at all times.



"Made for iPod/iPhone" means that an electronic accessory has been designed to connect specifically to iPod or iPhone and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

INDEX

INDEX

Important safety information1
Introduction2
Unpacking2
Controls & Connections
Display features4
Getting started5
Power control5
DAB reception
Volume control5
DAB scanning6
DAB display modes6
Selecting a source7
FM reception7
Radio presets8
FM diamlass modes 0
FM display modes8
iPhone/iPod dock adaptors
iPhone/iPod dock adaptors
iPhone/iPod dock adaptors9 Connecting and playing an iPhone/iPod10
iPhone/iPod dock adaptors

INTRODUCTION

The DAB124 is a full-function DAB and FM clock/radio with dual alarms and dock for an iPhone/iPod. The clock/radio function features a large-format backlit display for easy night reading.

PRELIMINARIES

UNPACKING

Carefully unpack the unit. If it is damaged, please return it to your nearest Tesco store for replacement. Remember to take your purchase receipt with you.

Retain the User Handbook. If you pass the unit on to a third party make sure you pass on the handbook.

We suggest you retain the packaging. If you dispose of it, do so having regard to any recycling regulations in your area.

CONTENTS

The carton should contain:

- The DAB124 Clock/radio
- AC adaptor
- Operating Manual

If any items are missing or damaged, contact your nearest TESCO store for a replacement. Have your receipt ready when you call. Retain the packaging. If you dispose of it, do so having regard to any recycling regulations in your area.

LOCATION

Place the unit on dry stable surface away from heat and damp and where it is unlikely to fall or be knocked over.

CONTROLS & CONNECTIONS

FRONT VIEW



BACK VIEW



- ① iPhone/iPod docking bay
- Next/Forward button
- ③ Snooze button
- ④ Alarm 1 button
- ⑤ Alarm 2 button
- ⑥ Display
- Preset button
- Scan button
- Info button
- 1 Volume up button
- ① Volume down button

- ③ Standby/On button
- ① Mode button
- Menu button
- 15 Dimmer button
- ③ Sleep button
- ① OK/play/pause button
- Previous/Back button
- ① Aux In jack
- ② DAB/FM aerial
- Rating label
- 2 DC In jack

DISPLAY FEATURES

TIME DISPLAY



The display shows the current time and date when set to Standby.

VOLUME DISPLAY



SNOOZE DISPLAY



The volume bargraph display is circled in the drawing. In addition, a large volume bargraph is displayed as shown when changing the volume level.

When Snooze has been set after the alarm has sounded, the alarm symbol will flash and the remaining snooze time counts down at the bottom of the display.

DISPLAY LAYOUT



- ① Volume bargraph
- Time display
- ③ Mode indicators
- ④ Station name/Source display
- ⑤ Info display
- ⑥ Alarm 2 indicator
- Alarm 1 indicator
- Isleep indicator

GETTING STARTED

DAB/FM AERIAL

Before using your radio for DAB or FM reception, unwrap and fully extend the aerial wire. You may need to adjust the position of the aerial wire for maximum signal strength.

CONNECTING POWER

Before connecting the power, check that the mains voltage on the rating plate of the AC adaptor is the same as the voltage in your area.

- Plug the DC cord from the AC adaptor into the DC jack on the back of the unit.
- Plug the AC adaptor into the wall socket and switch the mains power on.

The unit is now ready for use.

NOTE:- The AC adaptor may become warm during operation - this is normal.

When first connected to the power, the clock and calendar display will show'zeros'.

SETTING THE CLOCK

The clock on your radio is automatically set when first used from the time signal broadcast with DAB radio stations. If a DAB station is not available, the clock may be set manually via the Settings menu (see page 13).

POWER CONTROL

STANDBY CONTROL

- To turn the radio on:
- Press the 🙂 button.
- The radio will switch on.

To turn the radio off:

• Press the 🙂 button.

The radio will switch off. The clock will continue to run whilst mains power is connected.

INITIAL SCAN

When your radio is switched on for the first time the scanning display will be shown while the scanning process takes place:

The radio scans all usable stations (full scan) and stores them alphanumerically - 1 Radio, 2 Radio, AA Radio, AB Radio...



Progress bar

Number of stations found

The initial scan will take a few minutes. After the scan, the clock will be set and the radio will play the first station in the sequence. To browse for another station, refer to the next section.

BROWSING FOR A STATION

To browse for another DAB station:

Press the ► or ◄ button repeatedly.

The stations in the station list will be displayed in sequence. Press the button until you find the station you want.

• Press the **OK** button to select the displayed station. *After a short delay, the radio will tune to the station.*

ADJUSTING THE VOLUME

To increase the volume:

• Press the **VOL**+ button repeatedly (or hold it). *The volume level will increase.*

To decrease the volume:

• Press the VOL- button repeatedly (or hold it).

The volume level will decrease.

When the volume is adjusted the display will change to show the current volume setting on a bargraph.

DAB SCANNING

When first used, your radio scanned the DAB band for available stations. The station services found were then stored in your radio's memory.

You can re-scan the band at any time if you move to a different area or just to refresh the stored list of available stations.

To scan for DAB stations manually:

- Select the DAB band.
- Press the SCAN button.

The scanning process will take a few minutes. The number of services found during the scan will be shown at the right side of the display.

After the scan, the radio will re-tune to the last station playing if it is available. Alternatively, you can continue to browse for another station as described on the previous page.



DAB DISPLAY MODES

DISPLAY MODE OPTIONS

The bottom line of the display can be switched to show different items of information that may be transmitted with a DAB station.

Choosing the information display:

Press the **INFO** button repeatedly to change the information displayed while playing a DAB radio station.

The full range of display options are shown below. Some stations may not broadcast all of these options.



DLS (Dynamic Label Segment): This is a scrolling message giving real-time information - song titles, news headlines, etc.

SIGNAL STRENGTH: This setting will display a signal strength bargraph. The longer the bargraph, the stronger the signal. Setting the display to show signal strength is useful when setting up the aerial for the strongest signal.

PROGRAMME TYPE: This describes the style of the programme being broadcast.

MULTIPLEX NAME: DAB Digital radio stations are broadcast in multiplexes. Each multiplex is a bundle of radio stations transmitted in a single frequency. There are national and local multiplexes; local ones contain stations specific to your area. This option displays the name of the multiplex name that contains the station you are listening to.

MULTIPLEX NUMBER/FREQ: This option will display the multiplex number and frequency that contains the station you are listening to.

SIGNAL ERROR RATE: This option will display the level of signal errors in the current broadcast. The lower the number, the better the quality of the signal.

BIT RATE: DAB allows broadcasters to vary the BIT RATE (or the amount by which an audio signal can be compressed) depending on the type of broadcast. This enables the amount of stations on a multiplex to be maximised. Speech and News are often broadcast at a lower Bit Rate; music needs a higher Bit Rate for good fidelity.

TIME AND DATE: Time and date are updated by broadcasted information.

SELECTING A SOURCE

SOUND SOURCES

You can choose to listen to the following sources -

- DAB radio
- FM radio
- iPhone/iPod (when docked)
- Aux source (when connected via the rear panel Aux In jack).

Selecting a source:

 Press the MODE button repeatedly to scroll through the available sources.

DISPLAY DIMMER

The display brightness can be switched between high, medium and low settings by pressing the **DIMMER** button repeatedly.

You can also set the display to dim automatically within a set time period of a button being pressed. To set up automatic dimming, refer to the 'Backlight' option in the settings menu (see page 13).

LISTENING TO FM RADIO

Your radio can also receive FM band radio stations.

To change to the FM band:

• Press the MODE button repeatedly to select FM mode.

To auto-tune to FM stations:

• Press the SCAN button to search for the next station in the band.

The radio will search and the tuning frequency will be displayed whilst searching.

When a usable station is detected the radio will stop tuning and play the station. If RDS data is present, the station name and scrolling radio text will be displayed. If RDS data is not present, the tuned frequency will be displayed.

To change the scan direction:

Press the ► or ◄ button to set the scan direction you want before pressing the scan button.

To manually tune to FM stations:

 Press the ▶ or ◀ button to tune the band in 50kHz steps.

STEREO/MONO RECEPTION

You can set your radio to switch automatically between stereo and mono FM reception (Stereo allowed) or to receive in mono only (Forced mono). Setting to Forced mono mode may improve sound quality in areas where a weak aerial signal results in a high level of background noise.

Changing the FM audio mode:

• Whilst playing an FM radio station, press the MENU button.

'Audio setting' will be displayed.

- Press the **OK** button.
- Press the ▶ or ◀ button to switch between the options of 'Stereo allowed' or 'Forced mono'.
- Press the **OK** button to confirm the selection.
- Press the MENU button to exit the menu.

DAB & FM STATION PRESETS

DAB and FM presets

Your radio can store up to 10 of your favourite stations as presets on both the DAB and FM bands for quick recall.

To store a preset 1-10

- Tune to the station you want to store as a preset.
- Press and hold the PRESET button.

'Preset Store' will be displayed.

 Press the ► or ◄ button repeatedly to find the preset number you want to store.

For each preset number the preset station currently stored will be displayed or '(Empty)' if none is stored.

 Press the OK button to confirm if you want to store the station in the displayed preset number.

To recall any preset 1-10

- Press the **PRESET** button briefly.
- Press the ► or ◄ button repeatedly to find the preset number you want to play.
- Press the **OK** button **briefly** to play the preset.

FM DISPLAY MODES

The bottom line of the display can be switched to show different items of information that may be transmitted with an FM station.

To change the display mode:

Press the **INFO** button repeatedly to change the information displayed while playing an FM radio station.

The full range of display options are shown below. Some stations may not broadcast all of these options.



iPhone/iPod ADAPTORS

Before docking your iPhone/iPod you must first check if it has a docking connector. Early iPod models do not have one and cannot be docked to your unit. The docking connector is located on the base of the iPhone/iPod as shown below.



Docking Connector

Before docking your iPhone/iPod, you must first fit the correct adaptor to the docking bay. Each iPhone/iPod adaptor matches the shape of a particular iPhone/iPod and is necessary to ensure that your iPhone/iPod is securely held when docked.



FITTING THE iPhone/iPod ADAPTOR

When your iPhone/iPod was new it may have been supplied with a standard dock adaptor in the packaging. If so, fit the adaptor by pressing it gently into the Docking Bay as shown above.

NOTE: Do not dock an iPhone/iPod without fitting the correct adaptor, you may damage the iPhone/iPod and your unit.

FINDING AN ADAPTOR

If you don't have a dock adaptor

If your iPhone/iPod was not supplied with a standard dock adaptor, or if you have lost the adaptor, you can buy one from Apple on-line. To determine the exact model of your iPhone/ iPod, refer to this web-link - http://support.apple.com/kb/ HT1353. You can then browse the iPhone/iPod accessories page on the Apple website to find an adaptor for your iPhone/iPod model that can be purchased on-line.

CONNECTING OTHER iPod MODELS (INC SHUFFLE)

If you own an iPod Shuffle, a model without dock connector or prefer to connect your iPhone/iPod by cable, you can connect the sound output to the Aux In jack on the rear panel.

Headphone socket



- Using a 3.5mm stereo jack to jack cable (supplied), connect one end of the cable to the headphone socket of the iPhone/iPod, and the other end to the Aux In jack on the back panel.
- To listen to your iPhone/iPod, follow the instructions on page 10 for playing equipment connected to the Aux In jack.

NOTE:- The volume control of the iPhone/iPod must be turned up when playing through the Aux In jack.

DOCKING AN iPhone/iPod

To change to iPhone/iPod mode:

• Press the **MODE** button repeatedly to select iPod mode. *'Insert iPod' will be displayed.*

To dock an iPod:

- Check that the correct iPod adaptor is fitted to the docking bay.
- Locate the iPod on the Docking Connector and press it gently home.
- The iPod will start to play.

To dock an iPhone or iPod touch:

- Check that the correct adaptor is fitted to the docking bay.
- Unlock the iPhone (if locked).
- Locate the iPhone on the Docking Connector and press it gently home.
- The iPhone will start to play.

To remove your iPod/iPhone from the dock:

- Grip the iPod/iPhone at the sides.
- Lift it gently from the dock.

CHARGING AN iPhone/iPod

When an iPhone/iPod is docked, the iPhone/iPod will begin to charge automatically.

NOTE:- The iPhone/iPod will not charge when the radio is set to Standby.

PLAYING FROM AN iPhone/iPod

You can pause playback and change the track playing from the controls on your clock/radio.

Playback functions:

- Press the OK button to toggle between Play and Pause mode at any time.
- Press the ▶ or ◀ button to select the next or previous track on your iPhone/iPod.

iPhone/iPod track display:

When some newer iPod models or an iPhone are docked, the playback status (play/pause symbol), track name and elapsed time will be displayed on your clock/radio.

AUX SOURCES

The Aux In input may be used to connect sound sources with a Line or Headphone analogue output to play through your unit. These may include -

- iPod models that cannot be docked to the unit
- MP3 players
- CD walkman players
- Tape walkman players
- Personal computers or laptops

Connecting to the Aux In jack

• Connect a stereo 3.5mm jack cable (not supplied) between the headphone or LINE/AUX output of the personal audio player and the Aux In jack on the back panel.

Playing the AUX source

- Press the **MODE** button repeatedly to select AUX mode. *Auxiliary Input Mode will be displayed.*
- Set your personal audio player/computer to PLAY.
- Set the listening volume to the level you want with the volume control.

If there is no sound or if the volume level is not loud enough, you may need to increase the volume setting on your personal audio player/computer.

SETTING THE ALARMS

SETTING THE ALARMS

You can set two completely separate alarm times (ALARM 1 and ALARM 2) and activate either or both of them to wake you with a buzzer, radio, or music from a docked iPhone/iPod. You can also pre-set the station preset and volume settings that the alarms will wake you with.

Checking and changing alarm settings:

All alarm settings are made through the Alarm menu. NOTE:- You must complete all settings before leaving the menu or your changes won't be saved.

Setting Alarm 1:

- Switch on the radio (Alarm settings cannot be changed when set to Standby).
- Press the ALARM 1 button.

'Alarm 1 Setup' will appear on the display.

• Press the **OK** button if you want to set Alarm 1. *'Alarm 1 Wizard' will appear on the display.*

The alarm is now set in the sequence shown in the next column.

NOTE: Press the **MENU** button at any time to exit alarm setting, leaving the settings unchanged.



To make a change to a setting:

- Press the ► or ◄ button to scroll through the options available for a setting (or times when clock setting).
- 2. When you have finished changing a setting, press the **OK** button to confirm the setting and move on to the next setting in the sequence.
- 3. Repeat the previous two steps to change each setting as required.

*NOTE:- When changing the Alarm radio preset setting, choose the 'Last listened' option to wake to the last station you played before setting the radio to Standby.

Saving alarm settings:

Your alarm settings are automatically saved when you complete the last setting and press **OK**.

The display will confirm with the words 'Alarm saved'.

Setting Alarm 2:

- Press the ALARM 2 button to open the Alarm menu and set Alarm 2.
- To change the settings, follow the procedure described for setting Alarm 1 on this page.

CHECKING ALARM SETTINGS

You can step through the setting procedure without making any changes to check the alarm settings.

To check the settings for Alarm 1 or 2:

- Switch the radio on.
- Press the ALARM1 (or ALARM 2) button.
- Press the **OK** button repeatedly to step through the settings and view them without making any changes.
- Continue to view the steps until 'Alarm Saved' is displayed.

ALARM REPEAT

The alarm(s) will repeat according to the Alarm Repeat setting you made when setting the alarm.

- Daily The alarm will sound every day.
- Weekdays The alarm will sound on weekdays, but not at weekends.
- Weekends The alarm will sound on weekends, but not on weekdays.
- Once The alarm will sound only once. If this setting has been chosen, an extra option is added for you to set the date that you want the alarm to sound.

WAKING TO THE ALARMS

SETTING THE ALARM TO WAKE YOU

To set the alarm to wake you:

 Check that the Alarm 1 and/or Alarm 2 symbols are displayed as required. If not, set the Alarm(s) On as described in the 'Setting the Alarms' section on the previous page.

Alarm 1 set



- If you have set either wake up mode to 'iPhone/iPod', make sure that your iPhone/iPod is docked.
- Set the radio to Standby (or set the SLEEP function). The radio will switch off and the time and date will be displayed with the Alarm Symbol(s).

WHEN THE ALARM WAKES YOU

When the alarm sounds you can choose to set snooze, which will reset the alarm for a further 5 minutes, or to switch it off.

NOTE: The sleep time period can be set to a time ranging from 5 minutes (default) to 30 minutes through the menu if required.

To set snooze:

To set snooze, press the SNOOZE button when the alarm sounds.

The alarm will stop, the alarm indicator will flash and the snooze time will count down on the display. After the snooze period the alarm will sound again.

To switch off the alarm:

• To switch off the alarm, press the $^{(1)}$ button. *The unit will set to Standby.*

ADVANCED OPERATION - DAB SETTINGS MENU

DAB SETTINGS MENU

Your radio has some additional features and options that may be reached through the Settings Menu. A complete map of the menu is shown here.

To enter the DAB Settings Menu:

- Set to DAB mode.
- Press the MENU button.

Press the \blacktriangleright or \blacktriangleleft button to scroll through the available options. To choose an option from the menu, press the **OK** button.



DAB SETTINGS MENU

MORE DETAIL OF THE DAB SETTINGS MENU OPTIONS:

TIME: Select the time option to set the clock manually. This may be useful if you are in an area where it is not possible to receive DAB radio broadcasts. Within the time menu options it is also possible to change the clock display format between 12 and 24 hour, to choose whether the clock should set from the DAB time signal (Auto update) and to change the format of the time and date display.

AUDIO: Select this option to change the tone setting. Sub options of bass and treble are available and both can be set in a range from -3 to +3.

FULL SCAN: Select Full Scan to re-scan the entire DAB band and refresh the station list. A Local Scan (selected with the **SCAN** button) will scan only the bands used in the locality of the radio. A full scan will scan all bands.

LANGUAGE: Selecting one of the language options available will change all display indications to the selected language. **PRUNE:** If your station list includes stations that you can no longer receive (you may have moved to a different area), you can select the 'Prune' option to remove the unavailable stations from the Station List.

BACKLIGHT: Select'Backlight', then the'Timeout'sub-option to change the backlight settings. Choose from ON (backlight is permanently on) or a delay time in seconds. If you choose a delay time, the backlight will switch to full brightness when a button is pressed, then change to low brightness once the delay you set has elapsed.

SNOOZE TIME: This menu option enables you to set the snooze time in minutes (factory setting is 5 minutes).

CAUTION: If you extend the snooze time, ensure that you always set an alarm duration time greater than the snooze time set in this option. If not, the snooze time will extend beyond the alarm time and the alarm will not sound after the snooze period.

FACTORY RESET: Select the 'Yes' sub-option to reset all the settings of your radio to factory original settings. The station list will also be cleared and any stored preset memories will be erased. After a factory reset the radio will re-scan the band and renew the station list.

SW VERSION: This option will display the version number of the control software currently installed in your radio. This will be helpful to a technician who is servicing the radio.

SLEEP FUNCTION

SLEEP TIMER

You can set the Sleep timer to play music for a set period while you are falling asleep.

To set the sleep timer:

- Play your choice of music.
- Press the SLEEP button repeatedly to cycle through the sleep time options of 15 minutes, 30 minutes, 45 minutes, 60 minutes, 90 minutes or OFF (sleep off).
- Press the OK button to confirm the sleep time.

The Sleep symbol will be displayed and music will continue to play for the time you selected, then the unit will set to Standby.



CARE AND MAINTENANCE

CARE AND CLEANING

All care and cleaning operations should be carried out with the unit unplugged from the mains power.

The surface of the unit can be cleaned with a barely damp cloth and then dried carefully. Never use abrasives, abrasive cloths or chemical solvents .

TROUBLESHOOTING

Poor quality radio reception

The aerial signal may not be adequate. Try repositioning the aerial while watching the signal strength. Signal strength can be displayed by tuning to a DAB station and pressing the **INFO** button.

Alarm not sounding

Check that you set Alarm 1 or Alarm 2 on in the alarm setting sequence. When the alarms are on, the Alarm 1 or Alarm 2 symbol will be displayed.

Alarm sound not audible or too loud:

Change the alarm volume setting. This setting is changed in the 'alarm setting' sequence.

No sound/low volume from AUX source:

Check that the volume control is turned up on the AUX source.

Poor quality radio reception when an iPhone is docked:

You may need to set the iPhone to 'airplane' mode when docked.

WARRANTY & SPECIFICATIONS

SPECIFICATIONS

Supply Voltage, Current :. 9V ____, 1 A AC Adaptor input:.......100-240V ~, 50-60 Hz, 350 mA max.

Frequency range 174-240 MHz (DAB)

87.5-108MHz (FM)

Net Weight:.....1.1 kg





Class II construction double insulated. This product must not be connected to earth.



UK: Waste electrical products/batteries should not be disposed of with household waste. Separate disposal facilities exist, for your nearest facilities see www.recycle-more.co.uk or in-store for details.

ROI: Produced after 13th August 2005. Waste electrical products/batteries should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

WARRANTY

Your Tesco appliance is covered by a warranty for 12 months from the date of purchase. If a fault develops during this period, please contact the TESCO electrical help line on 0845 456 6767. Please have your original purchase receipt with you when you call. This warranty in no way affects your consumer rights.

Technika

Tesco Stores Ltd, Delamare Road, Cheshunt, Herts, EN8 9SL

Technika Helpline: 0845 456 6767 (Calls cost up to 4p per minute from a BT landline, other providers may vary)

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