Technika

EXCLUSIVELY FROM **TESCO**

DAB1101ST

Owner's
Handbook

Technika **DAB**

DAB stereo Digital Radio with alarm

IMPORTANT SAFETY INFORMATION

| CAUTION! |
| RISK OF ELECTRIC SHOCK |
| DO NOT OPEN |

**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
Mains Supply: The mains operating voltage of this unit is marked on a rating plate on the back of the unit. The means of disconnecting this appliance from the mains supply is the mains plug. This should be unobstructed and readily operable at all times.

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INTRODUCTION

Introduction

DAB (Digital Audio Broadcasting) technology allows many more radio stations compared to FM. DAB transmissions do away with problems of hiss and fade that plague AM and FM broadcasts and are less likely to be affected by adverse weather conditions or other sources of interference.

In addition to speech and music DAB transmissions carry high levels of data - far greater than the limited RDS information available on FM stations.

Unlike FM, DAB is broadcast on many frequencies.

Many countries in Europe, including the UK use Band III (174-240 MHz); others, France for example, use the L-Band (1452-1492 MHz). Germany uses both bands.

Your radio can tune Band III. Countries in Europe that use Band III include: Belgium, Denmark, Holland, Italy, Norway, Portugal, Spain, Sweden, Switzerland. Your radio will tune stations in all these countries.

Your radio cannot receive French or German stations broadcasting in the L-Band though FM services are available all over Europe.

Being digital, DAB transmissions can have a wider frequency range and greater dynamics than that available with FM technology.

FM reception is available on the DAB1101ST for use in those locations where there is no usable DAB service.

Check how many stations you can get in your area by texting DAB and your postcode to 88600# or find out which stations on the website at: **getdigitalradio.com**

A headphone output is provided for personal listening.

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.
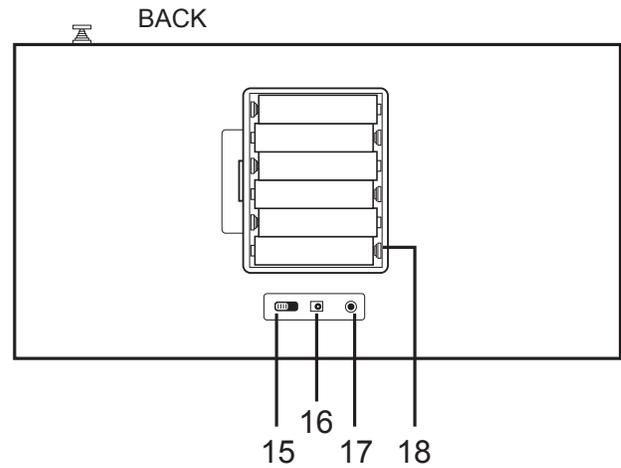
CONTENTS

The carton should contain:
• The DAB1101ST digital radio
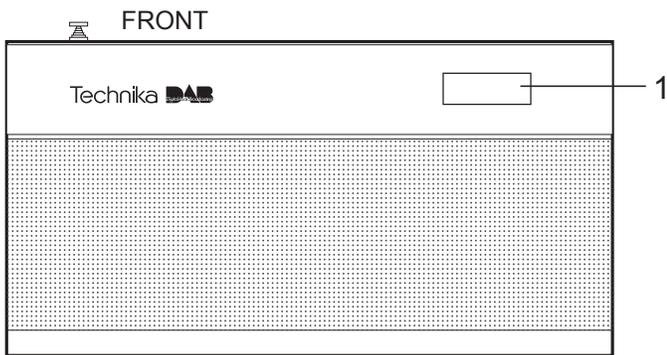• Power adaptor
• Operating Manual

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 a dry stable surface away from heat and damp and where it is unlikely to fall or be knocked over.

CONTROLS AND CONNECTORS

FRONT

BACK

TOP

1. LCD display
2. DAB/FM button
3. BACK/SCAN
4. 1-6 preset button
5. 2-7 preset button
6. 3-8 preset button

7. VOLUME +/- controls
8. SLEEP / ⏻ button
9. Telescopic aerial
10. INFO/MENU button
11. ENTER button
12. 4-9 preset button
13. 5-10 preset button

14. PRESET button
15. POWER switch
16. DC power input
17. EARPHONE output
18. Battery compartment
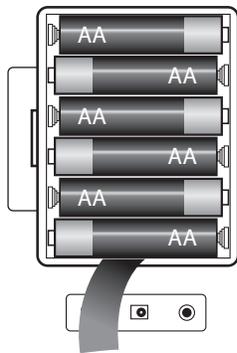
AC MAINS OPERATION

CONNECTING POWER
- Ensure that the mains wall socket is switched off and connect the mains power adaptor.
- Insert the DC power jack into the input on the rear of the unit (16).

BATTERY OPERATION

Remove the battery compartment cover, by pressing the plastic tab inwards.

Referring to the diagram below, fit 6 x AA batteries into the battery compartment. Alkaline batteries are recommended for best performance.

NOTE: Make sure you match the + / - polarities of the AA batteries with the markings inside the compartment.

BATTERY DISPOSAL

Dispose of used batteries with regard to the recycling regulations in your area. Do NOT short circuit batteries or throw them into water, the general rubbish or in a fire.

Weak batteries can leak and damage the radio.
Replace them in good time!

GETTING STARTED

Switching on your radio for the first time

1 Ensure the mains power is connected
   Check the connection of the mains adaptor to the DC power socket on the rear of the radio (16).
2 Extend the telescopic aerial as far as it can go.
3 Slide the **Power ON/OFF** switch to **ON** to turn on the radio.
   The radio will automatically tune and operate the quick scan.

```
   Welcome to
  Digital Radio
```

```
▪▪▪▪▪▪▪▪▪□□□ 34
Searching...
```

GETTING STARTED

During scan mode, the LCD will display a slide bar that indicates the progress of the scan, and the amount of radio stations that have been found so far. Once the scan has finished, the radio will select the first alphanumeric station.

NOTE: The name of the found group of DAB radio stations will be displayed on the bottom half of the display.

Memory
When you power up the radio again, the radio plays the same mode (**DAB** or **FM**) as the last operation.
If you hear no sound, then press the "**VOL +**" control until you reach a desired level.
If the volume is too high, then press the "**VOL -**" control to decrease the volume level.

To listen the stations that have been stored press either ◄ / ► buttons to cycle through.

Each time you press the forward and backward buttons you will skip to the next or previous stored station. The radio will then display the station name.

Standby
To turn the radio off press and hold the **SLEEP/** ⏻ button for 2 seconds.

DAB OPERATION

Storing stations
It is possible to store up to 10 of your favourite stations to the preset keys. This will enable you to access your favourite stations quickly & easily.
To store a preset, you must first be listening to the station that you would like to save, press & hold the **PRESET** button for 2 seconds. The LCD will then show the following:

```
   Preset Store
 < 1: (Empty) >
```

```
    Preset 1
     Stored
```

Use the ◄/► buttons to choose the preset number from 1-10 you wish to use. Then press the **ENTER** button to store.
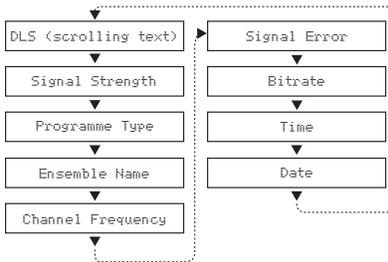
Recalling a stored station
Once you have saved a station to one of the preset buttons, you can recall that station by pressing the **PRESET** button. Then use the ◄/► buttons to choose the desired preset station. Once on the desired station press the **ENTER** button to activate. If you choose a preset that hasn't been allocated a station, then "**Preset Empty**" will be displayed. Alternatively you can use the preset buttons, press one of the buttons to use the first digit preset ie:- 1-6 will be 1. To use the preset 6 press and hold the 1-6 button.

DAB OPERATION

Display modes
Every time you press the "**INFO/MENU**" button, the display will cycle through the following display modes: *The information is displayed on the lower segment of the LCD display.*

```
DLS (scrolling text)  ►  Signal Error
        ▼                    ▼
 Signal Strength          Bitrate
        ▼                    ▼
 Programme Type            Time
        ▼                    ▼
 Ensemble Name             Date
        ▼
 Channel Frequency
        ▼
```

DLS (Dynamic Label Segment)
Dynamic label segment is a scrolling message that the broadcaster may include with their transmissions. This message usually includes information, such as program detail etc.

Signal strength
Denotes the quality of the current signal.

Program type
This describes the "**Style**" or "**genre**" of music that is being broadcast e.g. "**Rock** "or "**Classical**".

Ensemble/Multiplex (Group name)
A multiplex/ensemble is a collection of radio stations that

DAB OPERATION

are bundled and transmitted on one frequency. There are national and local multiplexes. Local ones contain stations that are specific to that area e.g. MXR West.
NOTE: DAB – unlike normal radio, groups together several radio stations and transmits them on one frequency.

Channel frequency
Shows the current channels frequency.

Signal error
Shows any reception errors.

Bitrate
Shows the current stations data bit rate.

Time / Date
Displays the time / date being broadcast.

Scan modes
There are two types of scan, one is **Quick scan** and the other is **Full scan**.
Quick scan: searches the UK DAB band III
Full scan: searches all DAB channels.
1. To activate the quick scan press and hold the **BACK/SCAN** button.
2. To perform a FULL SCAN, press and hold the **INFO/MENU** button for 3 seconds.
3. When the <Autoscan> option appears press the **ENTER** button.

DAB OPERATION

Manual Tuning
As well as an auto tune function, you can manually tune the receiver. This can help you when aligning your aerial or when adding stations that were missed while auto tuning.

1. Press and hold the **INFO/MENU** button for 3 seconds.
2. When <Autoscan> appears press the ▶ button to select <Manual Tune>, press the **ENTER** button.
3. Use the ◄/▶ buttons to cycle through the DAB channels, which are numbered from 5A to 13F.
4. Now press the **ENTER** button to enter the current ensemble/multiplex, the top line will now display the first station in the ensemble/multiplex.
5. To see what stations are present in the found ensemble/multiplex, just press either ◄ or ▶ buttons. When you've located a station that you would like to listen to, just press the **ENTER** button
6. Once you have reached the last station in the found ensemble, it will revert back to the first station again. If you wish to exit the manual tuning mode, just press the **ENTER** button.

Pruning
When the radio has performed a Scan in several locations you may find there are stored stations that you can no longer receive. This function automatically removes them from the stored station list.

DAB OPERATION

1. Press and hold the **INFO/MENU** button for 3 seconds.
2. When the <Autoscan> option appears press either ◄ or ▶ and find <Prune>, press the **ENTER** button.
3. Use the ◄ or ▶ buttons to select **YES** or **NO** and press **ENTER** to select.

DRC (Dynamic Range Control)
This causes the radio to reduce the dynamic range of the audio signal. The purpose of this is to adapt the dynamic range of the audio signal to listening in a noisy environment.

NOTE: The Dynamic Range Control option is not available on many DAB stations.

1. Press and hold the **INFO/MENU** button for 3 seconds.
2. When the <Autoscan> option appears press either ◄ or ▶ and find <DRC>, press the **ENTER** button.
3. Choose between **DRC off**, **DRC Low** and **DRC High.**
4. Press **ENTER** to save the setting.

FM OPERATION

Switching from DAB to FM
Press the **DAB/FM** button once to switch. The display will show **FM Mode**.
Once activated the radio will automatically tune to the nearest available station.
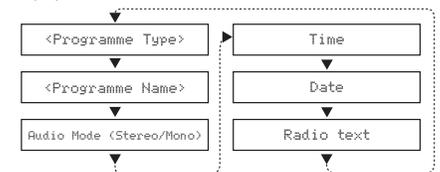
Storing stations
The operation for FM is the same as DAB. See Page 5.
Recalling a stored station
The operation for FM is the same as DAB. See Page 5.

Display modes
Every time you press the "**INFO/MENU**" button, the display will cycle through the following display modes:
The information is displayed on the lower segment of the LCD display.

```
┌─────────────────────────┐   ┌─────────────────────┐
│    <Programme Type>     │ ▶ │        Time         │
├─────────────────────────┤   ├─────────────────────┤
│    <Programme Name>     │   │        Date         │
├─────────────────────────┤   ├─────────────────────┤
│ Audio Mode (Stereo/Mono)│   │     Radio text      │
└─────────────────────────┘   └─────────────────────┘
```

Program type
This describes the "**Style**" or "**genre**" of music that is being broadcast e.g. "**Rock** "or "**Classical**".

Programme Name
Station name (if broadcast). Frequency of the station if no name is broadcast.

FM OPERATION

Audio Mode (Stereo/Mono)
Denotes if the broadcast is in Stereo or Mono.

To specify that a station can be only played in mono or that stereo is allowed:

1. Press and hold the **INFO/MENU** button for 3 seconds.
2. When the <Scan setting> option appears press either ◀ or ▶ and find <Audio Setting>, press the **ENTER** button.
3. Use the ◀ or ▶ buttons to cycle through the 2 options <Forced Mono> or <Stereo Allowed>. Press **ENTER** to select.

Stereo allowed: Means any station broadcast in stereo with a strong enough signal will be played in stereo.
Mono only: Plays ALL stations in mono regardless of the availability of a stereo signal.

Time
Displays the current time. Please see Page 7 for setting.

Date
Displays the current date. Please see Page 7 for setting.

Radio Text
Displays scrolling text broadcast by the station (only if broadcast).

FM OPERATION

Scan Modes
Auto Scan
The Auto scan setting will scan up or down depending on where the starting frequency is. Once it finds a station it will stop.

There are 2 options to use when using this function.

NOTE: Ensure you are in the FM mode before following the below steps.

1. Press and hold the **INFO/MENU** button for 3 seconds.
2. When the <Scan setting> option appears press the **ENTER** button.
3. You will have the choice of either **<Strong Stations Only>** or **<All Stations>** using the ◀ or ▶ buttons. Strong stations only, will only stop at stations with a strong signal. All stations will stop at any station found with a strong or weak signal.
4. Make your choice by pressing the **ENTER** button to activate the setting.

Now when you press and hold the **BACK/SCAN** button the auto scan searches depending on what setting you chose.

TIME AND DATE FUNCTIONS

The time & date can be set automatically from the DAB broadcast or set manually.

1. Press and hold the **INFO/MENU** button for 3 seconds.
2. When the <Scan setting> option appears press either ◀ or ▶ and find <System>.
3. Press the **ENTER** button, use the ◀/▶ buttons to find <Time> and press **ENTER**.
   Inside the <Time> menu there are several options. <Set 12/24 Hour>, <Set Time/Date> & <Auto Update>

<Set 12/24 Hour> Use the ◀/▶ buttons to select 12 or 24 hour and then press the **ENTER** button to activate.

<Set Time/Date> When activated the Hour digit flashes, use the ◀/▶ buttons to set the digit to the correct hour then press **ENTER**, repeat for the minutes again pressing **ENTER** when set.

The process for setting the date is exactly the same as the above. Press **ENTER** to finalise the setting once complete.

<Auto Update> Use the ◀/▶ buttons to cycle through the various options for auto setting the time & date. These range from. <Update from any>, < Update from DAB>, < Update from FM> and <No Update>.

NOTE: When the power is switched OFF (not standby) the settings will be lost.

TIME AND DATE FUNCTIONS

NOTE: when powered with batteries the display will dim after 40 seconds of inactivity, to activate again press any button. This does not occur when using mains power.

ALARM FUNCTIONS

1. Press and hold the **INFO/MENU** button for 3 seconds.
2. When the <Scan setting> option appears press either ◄ or ► and find <System>.
3. Press the **ENTER** button, use the ◄ / ► buttons to find <Alarm> and press **ENTER.**

Alarm Setup
Press the **ENTER** button to initiate the setup process.
1. Use the ◄ / ► buttons to select Alarm **ON** or **OFF** then press **ENTER** to activate.
2. Use the ◄ / ► buttons to set the Alarm ON hour digits. Press **ENTER** to set.
3. Set the Minute digits the same way and press **ENTER** once set.
4. Choose the source of the alarm between BUZZER, DAB & FM using the ◄ / ► buttons.

If you choose DAB or FM the next step is to choose the station you want to play when the alarm sounds. There is a choice of Last station listened to, or a preset (if any stored).

ALARM FUNCTIONS

5. There is the option to only have the alarm activate on WEEKDAYS, DAILY, ONCE and WEEKENDS. Choose which you require using the ◄ / ► buttons. The **ENTER** button stores the setting.
6. The next step is to set the volume level you require. use the ◄ / ► buttons to set and press **ENTER** to activate the alarm.
7. To disable the alarm return to the <Alarm> screen and use the ◄ / ► buttons to choose **OFF** and press **ENTER** to save.
8. To silence the alarm when sounding press the **ENTER** button.

NOTE: In standby the alarm icon ♣ will display when activated.

Snooze Mode
When the alarm sounds (if in BUZZER mode) you can press the **SLEEP /** ⏻ button to activate the **SNOOZE** mode and delay the alarm for **5** minutes.

GENERAL OPERATION

Factory Reset
To reset the radio to the factory settings follow the below steps. **NOTE** All preset settings will be lost.

1. Press and hold the **INFO/MENU** button for 3 seconds.

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or retailer for recycling advice.

GENERAL OPERATION

2. When the <Scan setting> option appears press either ◄ or ► and find <System>, press the **ENTER** button.
3. Use the ◄ or ► buttons to find the <Factory Reset> option and press **ENTER**.
4. Choose <Yes> and press the **ENTER** button.

HEADPHONES

There is a headphone output socket on the back panel of the radio. If headphones are connected to this socket for private listening, the speakers will cut out automatically.

Always keep the volume within reasonable limits to avoid damaging your hearing. **WARNING!** Excessive sound pressure can cause hearing loss. With continued use at high volume, your ears may become accustomed to the sound level, which may result in permanent damage to your hearing.

CARE AND MAINTENANCE

AFTER USING YOUR RADIO
• Set to Standby.
• Switch the unit off at the mains and unplug it if you are leaving it unattended for a long period (holidays etc).
• Avoid leaving batteries fitted if you leave the radio unattended for long periods. They may leak and damage the radio.

CARE AND MAINTENANCE

CARE AND CLEANING
All care and cleaning operations should be carried out with the unit unplugged from the mains power.
Occasionally wipe the cabinet with a lint free duster. Never clean the unit with liquids or solvents.

SPECIFICATIONS

SPECIFICATIONS
Adaptor Input:................................100-240V~ 50/60Hz 0.2A
Adaptor Output:...8V ⎓ 750mA
Main Unit:.. 8V ⎓ 750mA
Battery:... 9V (AA/UM3 x 6)
Speaker Power:..2W
DAB:...174.928 - 239.200MHz
FM:..87.5 – 108MHz
Net weight:...0.8kg

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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.

UK: Waste electrical products 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 should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

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