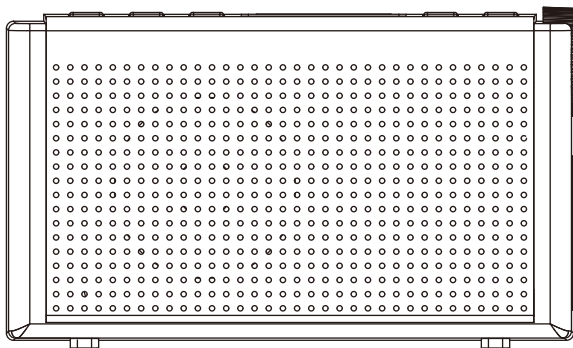




# DAB+/DAB/FM Radio

DK-70

User Manual



Please read this user manual carefully before using the receiver.

## Contents

Installation - Under the cabinet .....	1
Location of Controls .....	3
Precautions .....	6
Getting started .....	7
DAB radio operation .....	8
DAB radio information .....	10
FM radio operation .....	11
FM radio information .....	12
Preset a station .....	13
Recall a station preset .....	14
Kitchen Timer .....	14
Q & A .....	15
Technical Specification .....	16

## Installation - Under the cabinet

The DK-70 is Portable and also the under cabinet radio.

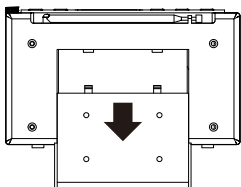
Here are the steps to install the DK-70 underneath the hanging cabinet in the kitchen:

1. The radio comes with a mounting board and screws (4 pcs) for installation. Slide out the board on the radio first.
2. Screw the mounting board underneath the cabinet.
3. Slide the radio into the mounting frame.

***Warning: To prevent damage, do not place any heating or cooking appliance beneath the unit, install the unit as far as possible from a source of noise such as fridge, microwave oven etc.***

## Installation - Under the cabinet

- ① Slide out the rear board on the radio

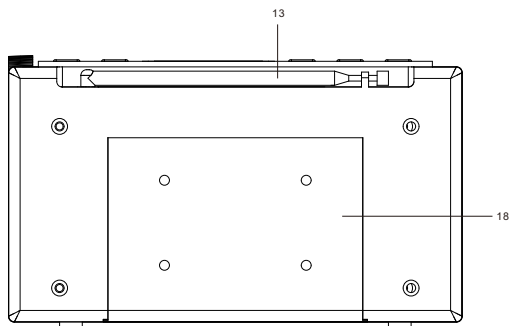
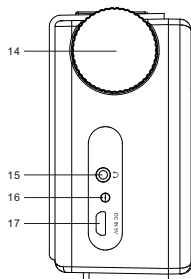
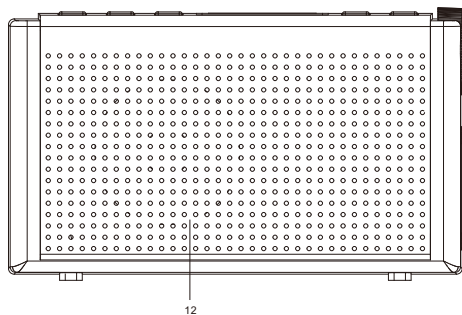
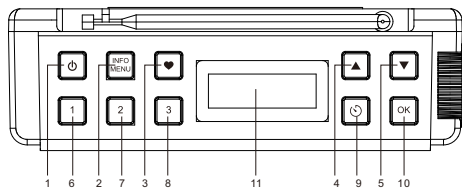


- ②
- 
- Cabinet  
Mounting board  
Screw





- ③
- 
- Slide in  
Mounting board

- ④
-

# Location of Controls



## Location of Controls

1.   
Press briefly to power on. Press and hold to power off
2. **INFO/MENU**  
**[Info]**  
Press the button repeatedly to view various info broadcasted by the radio station  
**[Menu]**  
Press and hold the button to enter the system menu
3.   
Long press the button to enter the Preset list, short press the button to recall the preset list.
4.   
**[DAB mode]**
  - Enter the station list after scan
  - Scroll up on the menu list**[FM mode]**
  - Every press of the button will scan the frequency upwards by 0.05MHz.
  - Press and hold the button will fast skipping the frequencies
  - Scroll up on the menu list
5.   
**[DAB mode]**
  - Enter the station list after scan
  - Scroll down on the menu list**[FM mode]**
  - Every press of the button will scan the frequency downwards by 0.05MHz
  - Press and hold the button will fast skipping the frequencies
  - Scroll down on the menu list

## Location of Controls

### **6-8. Preset button 1-3**

Press and hold the button 1-3 to quick saving the favourite channel, hit the same button to recall the channel

### **9. ⌚ (Kitchen Timer)**

Press to enter the timer setting

### **10. OK**

- Press to confirm a selection
- Press to turn on the backlight
- Press and hold the button in FM mode will initiate an auto scan.

### **11. Display**

### **12. Speaker**

### **13. Antenna**

### **14. Volume control**

Rotate the knob to increase or reduce the volume level.

### **15. Earphone socket**

### **16. Battery charging indicator**

### **17. USB port for charging built-in battery**

### **18. Slidable board**

Additional mounting board is supplied for installation to the kitchen cabinet

## Precautions

- The radio should not be used in a high temperature or high humidity environment over prolonged periods of time as this may damage the unit.
- Keep the radio away from liquids as it may get damaged. Please switch off the radio immediately if water or liquids is spilled into the radio. Consult with the shop you bought this radio for any question.
- Avoid using or storing the unit in dusty or sandy environment.
- Do not open and repair the radio by yourself.
- Use only the specified power input voltage to charge the battery. Connecting a power supply with a different rating will cause permanent damage to the radio and may be hazardous.
- Clean only with dry cloth

**WARNING:** TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

### CAUTION

**RISK OF ELECTRIC SHOCK  
DO NOT OPEN**

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE RADIO BACK, NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE RADIO.



THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THIS RADIO.



## Getting started

The radio is powered by the built-in lithium battery. A USB cable is supplied in the product package.

Hold and press the [  ] button to power on.

To power off the radio, press and hold the same button.

### Charging battery

You can check the level of battery power remains on the radio.

When the radio is playing, press the [ **INFO/MENU** ] button repeatedly until you see the battery indicator display as follow:

DAB Plus 2 BAT: 50%
------------------------

### Battery power indicator

When battery power is low, it will prompt with message "Battery Low" to remind for battery charging.

To charge the battery, connect the micro USB plug to the port at the rear side of the radio, connect the other end to a power source supplied with 5V OUT. The LED will light up in red indicates the battery is charging.

### Changing radio mode

When the radio is power up, press the [  / **Mode** ] button to select between DAB and FM mode.

## DAB Scan

If this is the first time the radio is power up, it will scan the DAB radio stations automatically. It will display and play the first station after the scan is done. In case it displays "Service not available", press and hold the **[OK]** button to start scanning.

## Tune DAB station

After the scan is done, press the **[▲ ▼]** button will enter into the station list, select the station you want to listen and press **[OK]** to confirm. The station will start to play.

## DAB main menu

There are other options available under DAB mode. Press and hold the **[INFO/MENU]** button, it will enter into the menu as follow.

Note: Always use the **[ ▲ ▼ ]** button to select and press **[OK]** to confirm a selection.

## System

More options available for the system setting:

### • Time

There are 4 settings:

1. Set Time/Date: This allows the user to manually set the current Time and Date.
2. Auto Update: This function will set the radio's time and date automatically with data sent along with the broadcast of either the FM or DAB radio station. You can choose "No Update" then the radio will not receive the time data.
3. Set 12/24 hour: This option will change the format of your clock to either 12 hour or 24 hour format.

## DAB radio operation

4. Set date Format: This option will change the format of the date to DD/MM/YYYY or MM/DD/YYYY.

**Note:**

*The FM auto Time/Date update may not work in your area, so the DAB auto update option is recommended.*

• **Sleep**

The sleep timer switches the radio off automatically after an adjustable time.

Long press the **[Info/Menu]** button will enter the <System> setting then press the **[OK]** button will enter the <Sleep> setting with options 15/30/45/60/90/OFF. Press the **[Down/Up]** to choose the timer then press **[OK]** to confirm. If 15 minutes is set, The radio will switch off automatically when 15 minutes is due.

To cancel the sleep timer, select OFF from the timer option and press **[OK]** to confirm.

• **Factory Reset**

By selecting this option, use **[▲ ▼]** button to choose "YES" and press **[OK]** to confirm, the radio will reboot and all settings will be resumed factory's default (all previous settings/presets will be erased).

• **Software Version**

This is to show software version of the radio.

• **Language**

There are 4 languages available, German, Italian, French and English. German is set by default. Choose the language by **[▲ ▼]** buttons, and press **[OK]** to confirm.

## DAB radio information

When the radio station is playing, press the [INFO/MENU] button repeatedly to cycle through the information broadcasted by the radio as follow:

- DLS (Dynamic Label Segmenting): Radio text broadcasted from the DAB station such as the news, songs being played...etc. if any. If no such information is available, it will just show "playing".
- PTY (Programme Type): shows which type of programme you are listening to, "Music", "Talk", "News" etc. If there is no information, it will display "Programme Type".
- Channel/Frequency – The frequency of DAB is displayed such as "11C 220.352MHz".
- Audio info: The display shows the digital audio bit rate of the current reception.
- BAT: shows the percentage of remaining battery power
- Signal error: The signal strength is displayed graphically.
- Time/Date – The time and date are set automatically.

Note: The time and date accuracy depends on the info broadcasted from the radio station.

## FM radio operation

There are other options available under FM mode. Press and hold the **[INFO/MENU]** button, it will enter into the menu as follow:

### **System**

The options available are same as DAB. Please refer to the DAB section as described above.

### **FM scan**

Press and hold the **[OK]** button will initiate the Auto scan and it will automatically save to the preset list.

Long pressing the **[▲ ▼]** button and it will scan the next available station.

To manual scan, use the **[▲ ▼]** button and it will fine tune the frequency in a step of 0.05MHz.

## FM radio information

When the radio station is playing, press the **[INFO/MENU]** button repeatedly to cycle through the information broadcasted by the radio as follow:

- RT (Radio text): Text broadcasted from the FM station (if any).
- Signal error: The signal strength is displayed graphically.
- Time/Date – The time and date are set automatically.
- Frequency – the FM frequency for the radio station in playing.
- Auto / Stereo: Automatic switching between mono and stereo reception.
- BAT: shows the percentage of remaining battery power

Note: The time and date accuracy depends on the info broadcasted from the radio station.

## Preset a station

The radio can store up to 20 DAB stations and 20 FM stations in its preset memories for instant access to your favorite stations.

1. Tune your radio to the station that you wish to preset.
2. Press and hold [**Preset**] button on the radio, it will enter the "Preset Store" list. Select the preset number you want to save by using the [**▲/▼**] button, press the [**OK**] button to confirm. The "Stored" message will appear when the preset is saved.
3. There are 3 preset buttons on the radio. It allows to save and recall quickly a dedicated channel. Press and hold the button to store the channel.
4. You can replace the existing preset with other channel by doing the same preset procedure as described above.


### Recall a station preset

Briefly press the [**Preset**] button on the unit, the preset list will pop up. Press the [**▲/▼**] button to find the station you want to listen, then press [**OK**] button to recall the station. If you have preset the favourite channels for Preset button 1-3, simply press these buttons to access them quickly.


#### **Note**

- 1. If there is already an existing DAB or FM station stored under a preset, it will be overwritten when you save a new station.*
- 2. The DAB presets will not overwrite the FM station presets.*

### Kitchen Timer

Press the [  ] button to enter the timer setting, from 1 minute to 99 minutes. Every single press of the [**▲/▼**] button will increase/decrease by one level, press and hold the [**▲/▼**] button for a rapid increment / decrement.

The timer activates automatically once the input is done and will start counting down.

Note: Once the timer is activated, any operation on the radio is not allowed except the volume control. Pressing the [  ] button again will cancel and reset the timer.



If you are experiencing problems with your DAB radio there are some quick and easy checks that you can do, which may help to solve the problem.

### **No DAB reception**

- If it displays "Service not available", please carry out "Factory Reset" on the radio and fully extend the antenna to get the reception.
- Move the radio close to the window.

### **Radio reception is poor**

- Please adjust the antenna to optimize the best reception level. Move the antenna around with different directions to get the best signal.
- Check that you do not have other electrical equipment too close to your radio or close to any sources of interference such as microwaves, fluorescent lights, etc which causing interference.

### **No sound**

- Check if the volume is mute. Adjust the volume level.
- Check that the radio is power on.
- Try changing to another radio station.

### **The radio does not turn on**

- The battery is flat. Please charge the battery and make sure the cable is well connected and the Red LED comes on when charging.

## Technical Specification

Model	DK-70
DAB frequency range	174.928MHz (5A)-239.200MHz (13F) support DAB and DAB+
FM frequency range	87.5-108MHz
Power input	5V $\equiv$ 1A
Battery power	Lithium-ion battery 1200mAH
Audio socket	3.5mm earphone jack
Unit Dimension	160 x 51 x 85 mm (L x D x H)

***Remark: Specification may vary without notice***

### **In the box**

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- \* DAB Radio
- \* Mounting kit - mounting board x 1, Screws x 4
- \* USB charging cable
- \* User manual

## WEEE and Recycling



The European laws do not allow any more the disposal of old or defective electric or electronic devices with the household waste. Return your product to a municipal collection point for recycling to dispose of it. This system is financed by the industry and the ensures environmentally responsible disposal and the recycling of valuable raw materials.

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