LE•MEGA
LIFE & ALOUD

DR3 PORTABLE DAB & FM RADIO

If you have any questions or suggestions, please share with us.

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Owner's manual

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1. Introduction

1.1 Safety Instructions

Please store this instruction manual for future reference.

• Do not use this product near water or moisture.

• Clean only with a dry cloth.

• Unplug this product from the wall outlet before cleaning.

• Place the unit on a solid surface.

• Do not put it in a closed bookcase or a cabinet that may keep air from flowing through its ventilation openings.

• Do not install near any heat sources, such as radiators, heat registers, stoves or other appliances that produce heat.

• Protect the power cord from being walked on or pinched particularly at plugs and the point where they exit from the product.

• Servicing is required when the product has been damaged. Do not attempt to service this product yourself. Opening or removing covers may expose you to dangerous voltages orother hazards.

• Please contact the manufacturer to be referred to an authorized service center near you.

• To prevent risk of fire or electric shock, avoid over loading wall outlets, extension cords, or integral convenience receptacles.

• Do not let objects or liquids enter the product.

• Use proper power sources. Plug the product into a proper power source, as described in the operating instructions or as marked on the product.

1

1.2 Features

This manual describes how to use the DR3 with the following modes:

- DAB/DAB+ digital radio with a wide choice of channels and digita quality sound broadcast free-to-air.
- FM with RDS (Radio Data System)
- Bluetooth to act as a Bluetooth wireless speaker for Bluetooth capable smart devices.

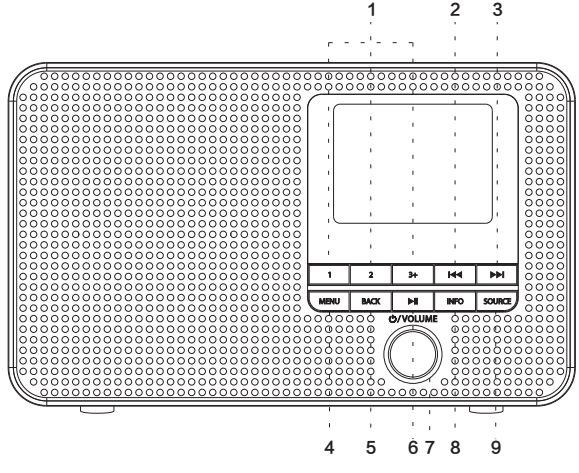
1.3 Carton contents

After you unpack the box, you will find the following items:

• 1 DR3 unit
• 1 Owner's manual
• 1 Warranty card

2. Controls, connectors and display

2.1 Main controls



1. Preset 1,2,3+	6. Play/Pause
2 TUNE- / ⏮	7.Power on/off&Volume&Select/Snooze/Mute
3 TUNE+ / ⏭	8.Info
4. Menu	9.Source
5. Back	

1.**PRESET:** Long press button 1, 2,3+ to preset and save your favorite stations save 20 favorite stations); Short Press button 1,2,3+ to select the favorite station to play or Preset recall. You can save 20 stations by pressing button 3+ and by scrolling the preset list to achieve.

2. ⏮ : / TUNE- : Press to select the previous track under FM/DAB /Bluetooth mode.; Press and hold the Tune- button 2 seconds to auto-scan the stations under the FM mode.

3. ⏭ : / TUNE+ : Press to select the next track under FM/DAB/ Bluetooth Mode; Press and hold the Tune+ button 2 seconds to auto-scan the stations under the FM mode.

4. **MENU:** press the MENU to show the MENU for the current mode. Press again to show now playing screen.

5**. BACK:** press the BACK to return to the previous screen.

6. ⏯ : Press to select Play/Pause under BT mode.

7. **SELECT/ VOLUME/MUTE/SNOOZE:**

a. **Power:** Turn on or back to standby mode (showing clock and date), or cancel sleep, or cancel alarm function.

b. **VOLUME:** Rotate the scroll button to adjust the volume up or down during playback.

c. **MUTE:** Press the scroll button to mute the music when playing.

d. **SELECT:** Rotate the scroll button scroll through a menu or station list. Press to the scroll button to select the chosen option. Press and hold Select scroll button to auto scan DAB/FM stations.

e. **SNOOZE:** Press the scroll button to snooze a set time when alarm sounding.

8. **INFO:** View more information about the station or track playing. Press again to cycle through further information screens then return to the normal playing screen.

FULL SIDESHOW: Press and hold INFO button to switch DAB normal playing screen image to full screen slide show image.

9 SOURCE: Press to Source to select different modes DAB, FM, Bluetooth.

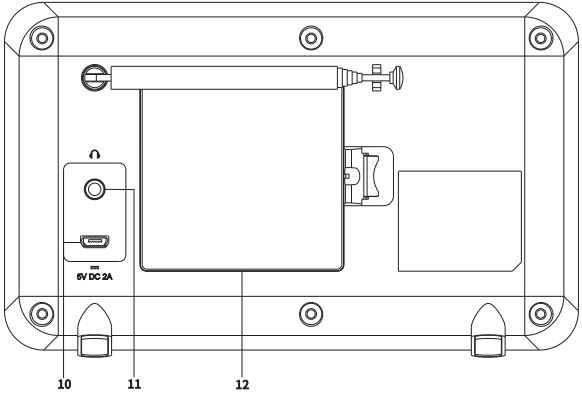
2.2 **Connectors**.

As shown below has connectors (from left to right) for the following:

• DC power in (5V)

• Headphone Jack

• Battery compartment



10	DC power in (5V)	12	Battery compartment.
11	Headphones out.		

2.3 **Display**

The screen shows various menus, dialogues and displays as described below.

There are basically six types of screen:

- Standby (clock)
- Splash (mode)
- Now playing
- Dialogue
- Error/Information
- Menu

When text is too long to fit on the screen, it is first shown truncated, then after a few seconds, slowly scrolls so that you can read it all.

The Standby screen shows the time, date and any active alarm times.

As you cycle through the play modes using SOURCE, DR3 shows a splash screen for each mode. After one second, DR3 enters the selected mode and tries to start playing the last station or track that was playing in that mode. If this is not possible, DR3 tries to connect to the selected source by scanning for stations, or prompting for user input as appropriate.

Now playing screens show information about the audio source and track now playing, where available.

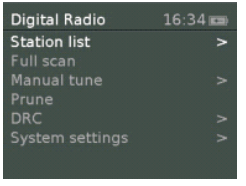
Dialogue screens are shown to allow the user to change settings. Error/Information screens give specific messages for a few seconds, then change automatically to another screen.

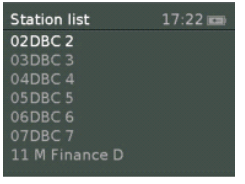
Menus

DR3 has basically three types of menu. Use the Select control to step through and select options. A scroll bar on the right of the screen shows if there are further options above or

below those visible.

Each mode has a Mode menu, with options specific to that mode. Below for DAB mode menu as an example.





System settings >.The '>' indicates options leading to further menus.

The System settings menu allows access to system settings and information such as time, language and software update.

Menus with more options than will fit on one screen have a ">"in the right.

Some menus, for example the System settings menu, have several submenus.

3. **Started and setup**

DR3 is easy to use. To play DAB or FM radio, all you need is a power source (a 100-240 V mains supply);

1). Place DR3 on a suitable shelf or table.

2). Extend the telescopic antenna.

3). Connect the power adaptor between DR3 and the mains supply.

3.1 12/24 **hour display**

To change between 12 and 24 hour display, select Set 12/24 hour and then select your preference.

3.2 **Time/date**

The time and date can be updated manually or automatically.

3.3 **Auto-update**

Auto-update works with data sent over DAB, FM. The clock is only updated when in a corresponding mode, so it is best to select a mode you use regularly.

3.4 **Manual set**

If you set No update, the wizard now prompts you to set the time and date manually. The date is displayed as DD-MM-YYYY and MM-DD-YYYY.

4 Operation

This section describes the operating functions available for each of the four audio sources.

4.1 DAB radio mode

DAB radio mode receives DAB/DAB+ digital radio and displays information about the station and programme /track as broadcast. To enter DAB mode, either press Mode until the display shows DAB Radio.

4.1.1 **Scanning for stations**

The first time you use DR3, or if the station list is empty,the radio automatically performs a full scan to see what stations are available. You may also need to start a scan manually to update the list of stations for one of the following reasons:

New stations may become available from time to time.

If reception was not good for the original scan (for example the antenna was not up), this may result in an empty or incomplete list of available stations.

If you have poor reception of some stations causing the audio to break up, you may wish to list only stations with good signal strength. To do a full scan Select Menu > Full scan.

Once a scan is complete, the radio returns to playing the previously-selected station or first station on the station list.

To remove stations that are listed but unavailable Select Menu > Prune invalid.

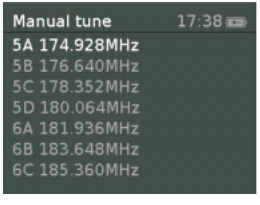
4.1.2 **Manual tune**

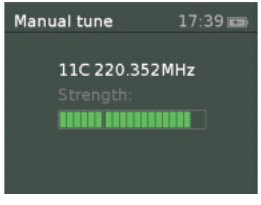
As well as the normal method of scanning, you can also manually tune to a particular channel / frequency. This can be useful for adjusting your antenna to achieve the best possible reception and scanning a particular channel to update the station list.

To manually tune

Press Menu > Manual tune then use select control button to display a particular channel/frequency, press Select to tune to that channel/frequency.

The display shows a live indication of the received signal strength on the selected frequency.





Adjustments to your antenna will be manifested in the received signal strength displayed.

Note: The division in the signal strength bar indicates the audio quality threshold – if the signal strength, as indicated by the solid rectangles, falls below this threshold the audio quality will deteriorate.

When a channel/frequency is selected DR3 also scans for any DAB stations on the selected frequency and updates the station list with any new stations found. To listen to any stations found return to the Now playing screen and select the required station from the station list as normal.

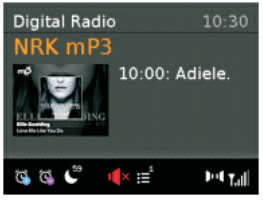
4.1.3 **Now playing information**

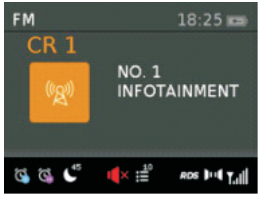
While a station is playing, the screen shows its name and DLS (Dynamic Label Segment) information broadcast by the station such as programme name, track title and contact details.

Slideshow

The normal now playing screen shows a thumbnail of the currently available slideshow image. (If no slideshow image is available a default DAB thumbnail image is displayed). The Select button cycles through the following slideshow displays.
Slideshow image and DLS text being broadcast by the current station.

Normal now playing screen.





To view further information Press Info .

Each time you press Info , the next set of information is displayed, cycling through: DLS text, DL Plus information (this is only displayed if broadcast by the station), programme type, ensemble name, channel number/frequency, signal strength, power status and date.

4.1.4 **Other settings**

Dynamic range compression (DRC)

This function reduces the difference between the loudest and quietest audio being broadcast.

Effectively, this makes quiet sounds comparatively louder, and loud sounds comparatively quieter.

Note: DRC only works if it is enabled by the broadcaster for a specific station.
To change the DRC setting Select Menu > DRC > The options available are: DRC high | low | off.

4.2 **FM radio mode**

FM radio mode receives analogue radio from the FM band and displays RDS (Radio Data System) information about the station and show (where broadcast).

To enter FM mode: Press Mode until the display shows FM Mode.

4.2.1 **Selecting stations**

The first time you select FM radio, DR3 is set to the lowest frequency in the FM band. On subsequent selections the last used frequency/station is displayed.

To scan for a station in FM mode

Press Select DR3 scans up through the FM band frequencies, showing the current frequency on the screen display.

A scan stops when a signal is found. DR3 can be set to stop at each station or only at stations with a strong signal.

Alternatively, you can tune, using the select control button to rotate in 50 kHz steps.

4.2.2 **Now playing information**

While FM radio is playing, the screen shows its frequency, or if RDS information is available, station name and any further

RadioText' information. If no information is available, just the frequency and a No RadioText message is shown.

To view further information about the broadcast Press Info.

Each time you press Info, the next set of information is displayed, cycling through: RDS Radio text programme type, frequency, name, mono/stereo,power status, and date.

4.2.3 **Settings**

Scan settings

By default, FM scans stop at any available station (All stations).This may include poor quality audio from weak stations.

Options: Strong stations only | All stations

To change the scan settings, to stop only at stations with good signal strength

Select Menu > Scan setting then Strong stations only.

Audio settings

By default, all stereo stations are reproduced in stereo. For weak stations, this may result in poor quality audio. The audio quality can be improved using mono.

Options: Stereo allowed | Forced mono

To play weak stations in mono

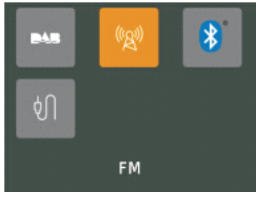
Select Menu > Audio setting > Forced mono.

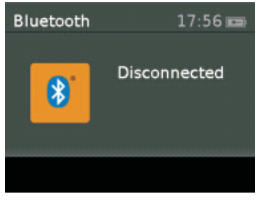
4.3 **Bluetooth**

Bluetooth mode allows DR 3 to act as a wireless speaker playing audio content from a connected Bluetooth capable device.

To enter Bluetooth mode: Press source to choose Bluetooth mode

To connect a Bluetooth capable device.





Use your Bluetooth capable smart device to pair and connect with the DR3.

4.3.1 **Display information**

The screen displays either a Bluetooth Pairing or Bluetooth connected message depending on the connection state.

5 Alarms snooze and sleep
As well as a clock/calendar, there are two versatile wake-up alarms with snooze facility, and a sleep function to turn the system off after a set period of time. The alarm sound for each alarm can use a buzzer or a selection from the audio sources.

To set the clock/calendar

The settings for the internal clock and setting Alarm, Snooze and Sleep function are all accessible via the Systems Setting menu.

5.1 **Alarms**

Note: Alarms will only function when the DR3 unit is On or in Standby mode.

An active alarm is indicated by its icon in the bottom line of the display.
Note: Alarms can be switched on or off in standby mode (see below).

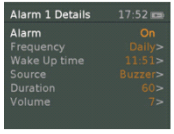
To set alarms
Press Menu/System setting/Alarm and use the Select control knob to select the required Alarm 1 or 2.

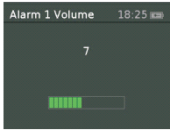
To exit alarm setting mode, press Menu or Back (alternatively, the Alarm display will timeout and automatically return to the Now Playing screen after a short time).

The alarm setup prompts you for the following parameters. Select a value for each parameter in turn turning the select control button and press Select to confirm and move on to the next parameter.

Parameters
Alarm – Off | On
Frequency - Daily | Once | Weekends | Weekdays

Choose the days on which the alarm is active.





Note: if you choose 'Once', you are prompted to enter the required date.

Wake Up time – hours and minutes

Source – Buzzer | Digital Radio| FM

If DAB or FM is chosen as the audio source you will also be prompted to select the Last played station.

Duration – 15 | 30 | 45 | 60 | 90 | 120 minutes

If the alarm is not cancelled M1 returns to standby after this time period.

Volume – rotate the top control button to set the required alarm volume 4-16.

This is the volume the alarm will build up to. (Initially the alarm sounds at a low volume and gradually gets louder to the set volume).

In all listening modes active alarms are indicated by displaying the relevant Alarm 1 and/or Alarm 2 icons.

At the set time, the alarm will sound, quietly at first, then gradually building up to the set volume. When an alarm sounds, the icon in the display flashes.

To cancel a sounding alarm and switch the radio to standby Press Standby or Alarm.

5.2 **Snooze**

To temporarily silence a sounding alarm, press Snooze. You can change the snooze period by repeatedly pressing Snooze.

Snooze periods are 5, 10, 15 and 30 minutes. The radio returns to standby for the set time period with a snooze countdown displayed. When the countdown reaches 0 (zero) the alarm is triggered again.

Press Standby or Alarm to fully cancel a sounding alarm and switch the radio to standby.

5.3 **Sleep**

To set the sleep timer while the radio is playing Press Menu> System setting>Sleep. You can choose the sleep delay time in minutes from: Sleep Off | 15 |30 | 45 | 60 | 90.

Use select control button to cycle through the options then press Select to choose the displayed option.

Once you select a sleep delay period, the display returns to the Now playing screen displaying a Crescent moon icon and the remaining time, in minutes, before the sleep time expires.

After the sleep delay period the radio switches to standby mode.

6 **System settings**

The System Settings allow you to tailor the DR3 with a variety of options to suit you.

To access system settings from any mode Select Menu >System Settings >, then choose from the various options as described in the menu as below.

The System Setting Menu options are:

- Sleep
- Alarm
- Equaliser
- Time/Date
- Backlight
- Language
- Factory Reset
- Software upgrade
- Software version

To navigate through the menus

The following controls are used to move about the menu tree to choose and select the required settings:

Select – (pressing the Select control button) this selects the currently displayed option, if the option has a further sub-menu the first option of the sub-menu is displayed. If the option is a setting value, the displayed value is selected and either the next setting is highlighted or, if there are no further settings, the display returns to the parent menu for that setting.

Select control button – cycles forwards and backwards through the current menu or setting options.

Back – jumps back to the parent menu of the currently displayed menu or setting.

Menu to return to the Now Playing screen.

6.1 **Equalizer**

This presents a My Equaliser option to allow you to create your own equaliser settings.

My EQ... | Normal | Classic | Jazz | Pop | Rock | Speech

6.1.1 **My EQ setup**...

This option allows you to set a bias in the treble and bass audio frequencies and turn 'Loudness' On or Off. Values can be set between -7 (Minus 7) and +7 (plus 7).

Treble – (Use the select control button to choose a bias value between -7 and +7)

Bass – (Use the select control button to choose a bias value between -7 and +7)

Loudness – No or Yes. (When Yes, low-level high and low frequency sounds are boosted to give a 'fuller' sound.)

6.2 **Time/Date**

The time and date can be updated manually or automatically With auto-update, the time and date are automatically synchronised with national time signals broadcast over DAB and FM (when available).

You can also select the display format for the time and date.

The Time menu contains the following options:

- Set Time/Date – (see below)
- Auto update - Update from Any | Update from digital radio | Update from FM | No Update
- Set 12/24 hour - 12 | 24
- Set date format - DD-MM-YYYY | MM-DD-YYYY.

Set time/date

This option is for manually setting the time and date displayed.The time displays as hh:mm, with the first value, hh, active (flashing). Adjust each value using the select control button and press Select to confirm. The next value then becomes active and flashes. The date values follow and are set in the same way.

Note: The date displays as DD-MM-YYYY or MM-DD-YYYY depending on your choice of date format (see above).

6.3 **Backlight**

The DR3 has a backlight with three brightness settings, and adjustable timeout (this is the time delay, in seconds, after which the display switches to the Dim level).

There are three settings:

- Timeout - Light On | 10 | 20 | 30 | 45 | 60 | 90 | 120 | 180 sec
- On level - High | Mid | Low
- Dim level - High | Mid | Low

6.4 **Language**

The default language is English. To change, select Menu > System settings > Language >then select your language.

6.5 **Factory reset**

A factory reset clears all user defined settings, replacing them with the original default values, so time/date,preferences/ settings and DAB station list are all lost.

If you select Factory reset, you are asked to confirm by selecting “Yes”.

7 **Troubleshooting and error messages**

7.1 **Error messages**

Message	Description
	DAB mode
Service not available	No DAB reception
Signal error	The DAB signal has been interr upted.
No DAB Station	The listed station cannot be found.
(No Name)	The current station does not broadcast an identity name.
No stations found	No DAB stations are available – check aerial.
	FM mode
No RadioText	No RDS text information is available on this station.
No PTY	No RDS programme type information is available.
No Name	No RDS station name is being broadcast
	General messages
Update failed	Software upgrade failed

Message	Description
Time is not set	No time value is currently set on this platform.
Time Not saved	Any changes made to the time settings will be lost.
Alarm Not saved	Any changes made to the Alarm settings will be lost.
Invalid Date	The entered value does not match a valid date.

7.2 **Troubleshooting**

Problem	Cause	Solutions
FM: Hiss DAB: burbling/ intermittent cut-out	Low signal strength	Check/move antenna, Move radio Rescan high-strength stations only. For DAB or DAB+, check the current status of local coverage with your national digital radio authority.
DAB: No stations available’ message	Low signal strength	As above then rescan stations

8 Technical Specification:

Model:	DR3
Type:	Portable DAB & FM Radio
Speaker:	1 X 2.5” full range speaker
Power:	3W RMS
Power Supply:	5V DC or 4 x AA batteries [battery not included]
Dimension (mm):	175*106*54MM
Weight:	0.45KG

Specifications subject to change without notice.

If you have any questions or suggestions, please share with us.

www.lemegaaudio.com
info@lemegaaudio.com

DISPOSAL OF THE OLD DEVICE

This symbol indicates that the relevant electrical product or battery should not be disposed of as general household waste in Europe. To ensure the correct waste treatment of the product and battery, please dispose them in accordance to any applicable local laws of requirement for disposal of electrical equipment or batteries. In so doing, you will help to conserve natural resources and improve standards of environmental protection in treatment and disposal of electrical waste (Waste Electrical and Electronic Equipment Directive).

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. 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 communications. However, there 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 or more 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.