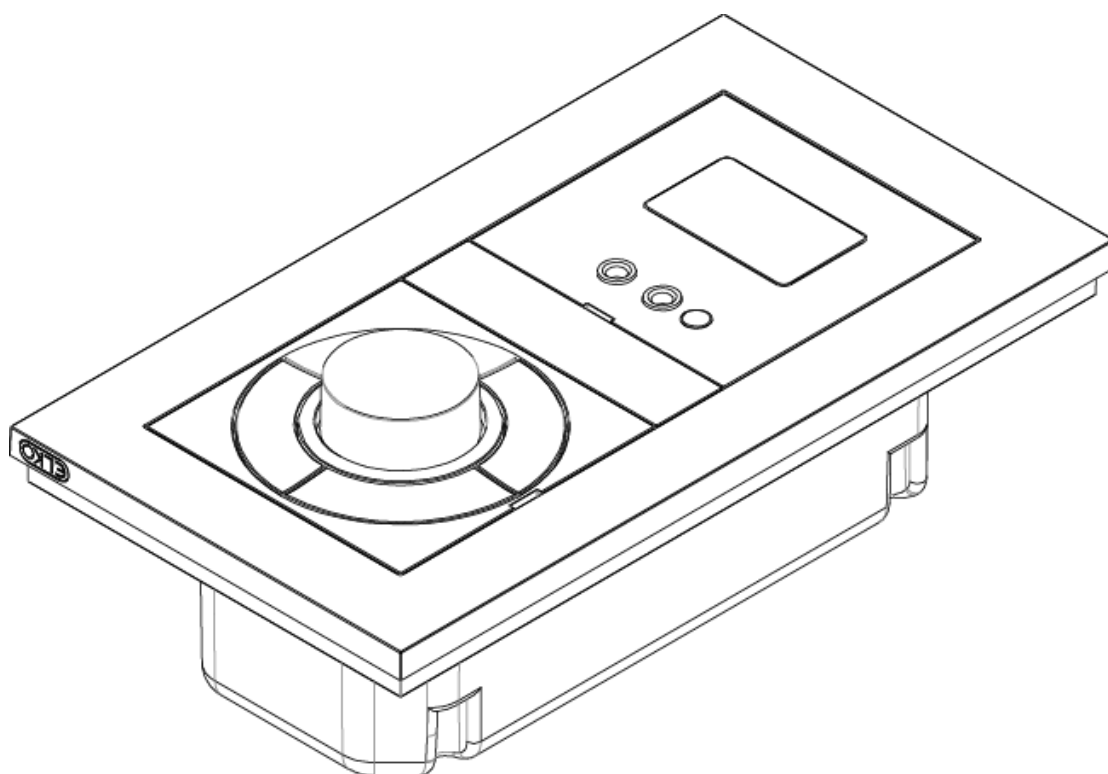
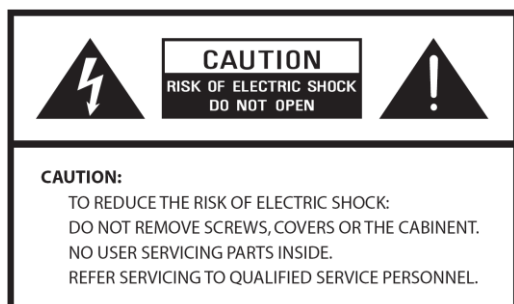




DAB/DAB+ and FM Digital Radio with Bluetooth



Important Safety Instructions



1. Read these instructions.
2. Keep these Instructions.
3. Heed all Warnings.
4. Follow all instructions.
5. Do not use the speaker near water.
6. Clean only with dry cloth.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS SPEAKER TO RAIN OR MOISTURE.

To reduce the risk of electrical shock, fire, etc.:

1. Do not place near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
2. The device shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the device.
3. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at any point where they exit from the device.
4. Never unplug your unit by pulling on the power cord. Always grasp the plug firmly and pull straight out from the outlet.
5. Repair or replace all electric service cords that have become frayed or otherwise damaged immediately. Do not use a cord that shows cracks or abrasion damage along its length, the plug, or the connector end.
6. To prevent fire or shock hazard, do not use this plug with an extension cord or other outlet unless the blades can be fully inserted to prevent blade exposure.
7. To prevent fire or shock hazard, do not expose this device to rain or moisture.
8. Do not place any heavy loads onto the unit, and do not step on it, the load may fall and cause serious injury to the unit.
9. Do not attempt to carry out any service work yourself. By opening or removing the cabinet, you may be exposed to dangerous voltage or other hazards. Any service work should be carried out by qualified technicians.
10. During lightning or raining days, unplug the unit for additional protection during thunderstorms or when the unit is not used for prolonged periods. This will prevent damage to the unit from lightning and power surges.
11. The battery of remote control shall not be exposed to excessive heat such as sunshine, fire or the like.
12. Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

FCC Information

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 normal function of the product may be disturbed by strong Electro-Magnetic Interference. If so, simply reset the product to resume normal operation by following the instruction manual. In case the function could not resume, please use the product in other location.

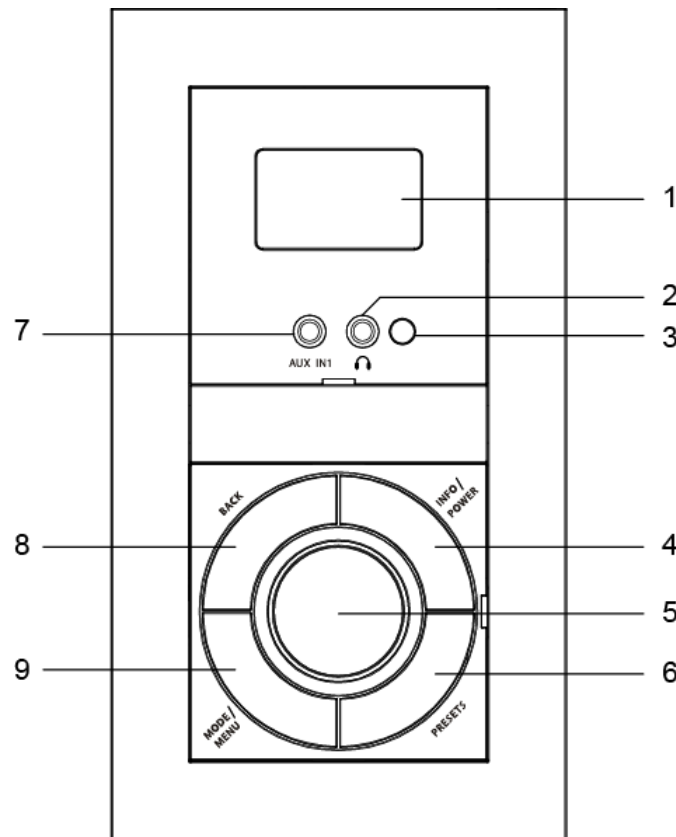
Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Caution: To maintain compliance with the FCC's RF exposure guidelines, place the unit at least 20cm from nearby persons.

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Unit Front View

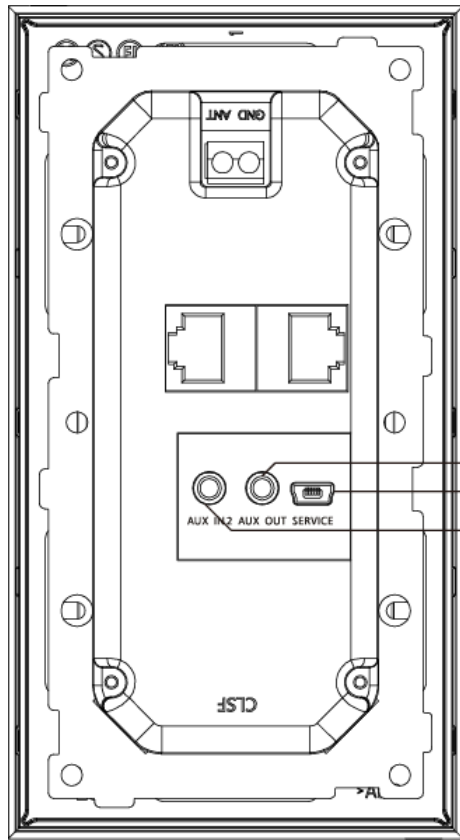


1. LCD display
2. **Headphone** socket
3. Remote control sensor
4. **INFO/POWER** button
 - Press and hold to turn on radio or switch radio to standby.
 - Press to browse station info in DAB and FM mode.
5. **SCROLL/SELECT** knob
 - Turn to adjust volume level.
 - In the menu setting, turn to browse options, press to confirm selection.
6. **PRESETS** button
 - Press and hold to store preset stations.
 - Press to recall preset stations.
7. **AUX IN1** socket

Connect to a 3.5mm audio cable(not supplied) in Auxiliary In 1 mode.
8. **BACK** button

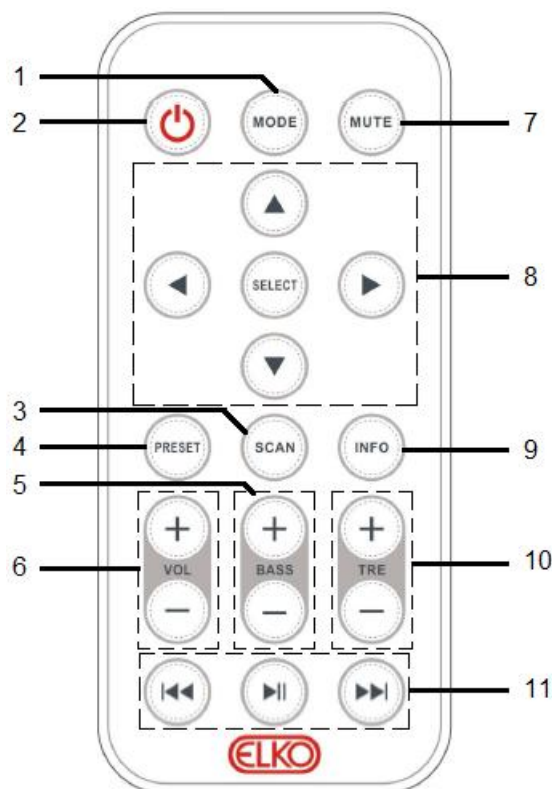
Press to return to previous menu screen.
9. **MODE/MENU** button
 - Press to shift among DAB, FM, Auxiliary In 1, Auxiliary In 2 and Bluetooth mode.
 - Press and hold to access menu.

Unit Rear View



1. **AUX OUT** socket
Connect to a 3.5mm audio cable(not supplied).
2. **AUX IN2** socket
Connect to a 3.5mm audio cable(not supplied) in Auxiliary In 2 mode.
3. **SERVICE** port
Please leave this software upgrade port for service professional.

Remote Control overview



1. **MODE** button
Press to shift among DAB, FM, Auxiliary In 1, Auxiliary In 2 and Bluetooth mode.
2. **POWER** button
Press to turn on radio or switch radio to standby.
3. **SCAN** button
Press to scan for DAB/DAB+ or FM stations.
4. **PRESET** button
 - Press and hold to store preset stations.
 - Press to recall preset stations.
5. **BASS +/-** buttons
Press to adjust bass value.
6. **VOLUME +/-** buttons
Press to adjust volume level.
7. **MUTE** button
 - Press to mute radio.
 - Press again to pick up sound.
8. **▲, ▼, ◀, ▶** and **SELECT** buttons
 - Press ◀ or ▶ to scroll left and right.
 - Press ▲ or ▼ to scroll up and down.
 - Press **SELECT** to confirm selection.
9. **INFO** button
Press to browse station info in DAB and FM mode.
10. **TREBLE +/-** buttons
Press to adjust treble value.
11. **◀◀, ▶▶** and **▶||** buttons (in Bluetooth mode)
 - Press ◀◀ to previous track, press and hold to fast forward current playing track.
 - Press ▶▶ to next track, press and hold to rewind current playing track.
 - Press ▶|| to play/pause.

Getting Started

Carefully remove your radio from the box. You may wish to store the packaging for future use.

What you can find inside of your package

- Main unit
- Instruction Manual
- Power adapter

Adjusting the Antenna

Extend the antenna to ensure you receive the best reception possible in both DAB and FM radio modes. It may be necessary to alter the position of the radio and /or antenna to achieve the best signal.

Using Headphones

You will require headphones fitted with a 3.5 mm diameter stereo plug. The **Headphone** socket is located on the front of this unit. Headphones are not supplied with this radio.

Turning the Unit On/Off

Insert the plug of power cord into the mains socket. Press and hold **INFO/POWER** button to turn on the unit, press and hold **INFO/POWER** button again to switch radio to standby mode. To switch the unit off completely, unplug the plug from the mains socket.

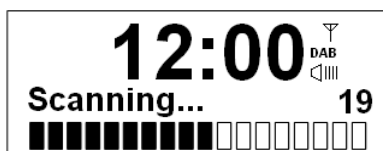
Volume Control

Adjust the radio volume by turning the **SCROLL/SELECT** knob, make sure no menu setting is going on.

DAB Mode

When you turn on the radio it will automatically search and store all the available stations. You should conduct an additional Full Scan to ensure all stations are picked up and stored. It is also recommended every few months to run a new scan to pick up any new DAB/DAB+ that may have begun broadcasting after purchasing your DAB radio.

1. For initial use, your radio will conduct a full scan and store stations list in memory.



2. Once the scanning is completed, the DAB/DAB+ stations will be displayed in alphanumeric order. The first station in the list will be selected to play.

 **Note:** a. The DAB/DAB+ stations will be displayed and stored in alphanumeric order.
b. If no DAB/DAB+ signal is found, it may be necessary for you to relocate your radio.

Selecting another DAB/DAB+ Station

While a program is playing, press and hold **MODE/MENU** button to select **Station list** menu, and then press **SCROLL/SELECT** knob to confirm. Or press and hold **SCROLL/SELECT** knob to activate **Station list** menu.

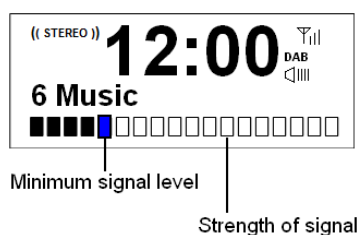
Turn **SCROLL/SELECT** knob to cycle through available stations, and then press **SCROLL/SELECT** knob to play station the station you selected.

Updating Station List

Press and hold **MODE/MENU** button, turn **SCROLL/SELECT** knob to select **Full scan** menu, and then press **SCROLL/SELECT** knob to confirm.

Showing the Signal Strength

During playing a DAB/DAB+ program, repeatedly press **INFO** until the LCD display shows a signal bar with the strength of the current station.



The indicator on the signal bar shows the minimum acceptable signal level.

 **Note:** Stations with signal strength below the minimum signal level may not provide a steady stream of audio.

DRC (Dynamic Range Control) value

You can set the compression level of stations to eliminate the differences in dynamic range or sound level between radio stations.

Note: Set DRC to **off** indicates no compression;

Set DRC to **low** indicates little compression;

Set DRC to **high** shows maximum compression.

1. Press and hold **MODE/MENU** button, turn **SCROLL/SELECT** knob to select **DRC** menu, press **SCROLL/SELECT** knob to confirm.
2. Turn **SCROLL/SELECT** knob to cycle through: '**high**', '**low**' and '**off**', press **SCROLL/SELECT** knob to confirm your selected option.



Prune

This feature enables your radio to remove inactive stations from the station list.

1. Press and hold **MODE/MENU** button, turn **SCROLL/SELECT** knob to select **Prune** menu, and then press **SCROLL/SELECT** knob to confirm.
2. Turn **SCROLL/SELECT** knob to select '**Yes**', and then press **SCROLL/SELECT** knob to confirm.

Viewing Station Information

There is a variety of station information transmitted by broadcast, and this radio offers a convenient way for you to view them.

To view currently playing station information, press **INFO/POWER** button repeatedly the display will show the information through DLS (Dynamic Label Segment), Signal Strength, Program Type, Ensemble, Program Frequency, Signal Quality, Bitrate, Time and Date.

FM Mode

Selecting FM Mode

1. Press **MODE/MENU** button repeatedly to select FM mode.
2. For initial use, it will start at the beginning of the FM frequency range (87.50MHz). Or it will play the last FM station you were listening to.



3. To manually change the FM frequency, make sure no other order/system setting is going on, press and hold **SCROLL/SELECT** knob for 3 seconds and then turn it to change the frequency by 0.05MHz per step.
4. To automatically scan, while FM frequency shows up, press **SCROLL/SELECT** knob to search for the next available station.

Scan Setting

By default, FM scans stop at any available station. This may result in a poor signal-to-noise ratio (hiss) from weak stations.

1. To change the scan settings to stop only at stations with good signal strength, press and hold **MODE/MENU** button, turn **SCROLL/SELECT** knob to select **Scan setting** menu, and then press **SCROLL/SELECT** knob to confirm.
2. Turn **SCROLL/SELECT** knob to select '**Strong stations only**', and press **SCROLL/SELECT** knob to confirm.

Audio Setting

By default, all stereo stations are reproduced in stereo. For weak stations, this may result in a poor signal-to-noise ratio (hiss).

1. To play weak stations in mono, press and hold **MODE/MENU** button, turn **SCROLL/SELECT** knob to select **Audio setting** menu, and then press **SCROLL/SELECT** knob to confirm.
2. Turn **SCROLL/SELECT** knob to '**Forced mono**', press **SCROLL/SELECT** knob to confirm.

Viewing Station Information

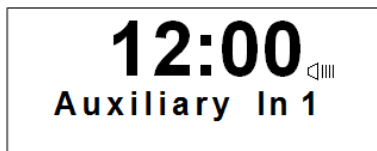
There is a diversity of station information transmitted by broadcast, and this radio also offers a shortcut for you to view them.

To view currently playing station information, press the **INFO/POWER** button repeatedly the display will show the information through Radio Text, Program type, Program info, Audio info, Time and Date.

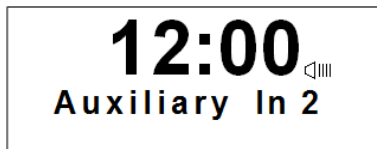
Aux in Mode

AUX IN allows for quick and easy connection to an MP3 player or other external audio sources.

1. Before connecting to the mains socket, use a 3.5mm audio cable (not supplied) to connect to your external audio device through the **AUX IN1** socket on the front of unit or **AUX IN2** socket on the rear of unit
2. Connect power adapter to mains socket, press and hold **INFO/POWER** button to switch on unit.
3. Press **MODE/MENU** button repeatedly to select **Auxiliary In 1** mode if audio device is connected through **AUX IN1** socket.



4. Press **MODE/MENU** button repeatedly to select **Auxiliary In 2** mode if audio device is connected through **AUX IN2** socket.



5. In Aux in mode, you may operate your audio device directly for playback features.
6. To gain optimal volume levels, adjusting the output volume level on the audio device as well is recommended.

 **Note:** If the unit is idle for approximately 30 minutes in Aux in modes, it will automatically switch to standby.

Bluetooth Mode

The unit has a Bluetooth function that can receive a signal within 10 meters.

Pair the unit with a Bluetooth device to listen to music:

1. Press **MODE/MENU** button repeatedly to select **Bluetooth** mode.
2. The display will flash in  and  repeatedly.
3. Activate your Bluetooth device and select the search mode.
4. 'ELKO Sound Player' will appear on your Bluetooth device.
5. Select 'ELKO Sound Player' and enter "0000" for the password if necessary.
6. Display will show  when connection is successful.
7. To disconnect the Bluetooth function, switch to another function on the unit or disable the function from your Bluetooth device.

 **Note:** If the unit is idle for approximately 15 minutes in Bluetooth mode, it will automatically switch to standby.

General Operation

Storing Preset Stations

 **Note:** This is the same for DAB/DAB+ and FM Radio stations.

Your radio can store up to 12 of your favourite DAB/DAB+ and FM stations as preset stations.

This will enable you to access your favourite stations quickly and easily.

1. Press and hold the **PRESETS** button until display show "**Preset Store < 1: (Empty) >**".



2. Turn **SCROLL/SELECT** knob to cycle through the preset numbers 1-12.
3. Select one preset station number and then press **SCROLL/SELECT** knob, display will show '**Preset # stored**'.

Playing a Preset Station

 **Note:** This is the same for DAB/DAB+ and FM Radio stations.

1. Press **MODE/MENU** button repeatedly to select DAB or FM mode.
2. Press **PRESETS** button to show the saved preset stations.
3. Turn **SCROLL/SELECT** knob to select the preset station you want to play and then press **SCROLL/SELECT** knob to confirm.

Setting Sleep

This function enables your unit to switch to standby mode by itself after a set sleep time

1. Press and hold **MODE/MENU** button, turn **SCROLL/SELECT** knob to select **Sleep** menu, and then press **SCROLL/SELECT** knob to confirm.
2. Turn **SCROLL/SELECT** knob to view options **Sleep Off, 15, 30, 45** and **60 minutes**, press **SCROLL/SELECT** knob to confirm. The sleep icon  will show on the display.
3. To view the set sleep time, redo above step 1.
4. To turn the sleep function off while the sleep timer is still counting down, select '**Sleep**' option, turn **SCROLL/SELECT** knob to select '**Sleep off**'.

Setting Time

1. Press and hold **MODE/MENU** button, turn **SCROLL/SELECT** knob to select **Time** menu, and then press **SCROLL/SELECT** knob to view options as below:

Set Time/date:	Manually set-up both Time and Date
Auto update:	'Update from DAB' or 'No update'
Set 12/24 hour format:	'Set 24 hour' or 'Set 12 hour'
Set date format:	'DD-MM-YYYY' or 'MM-DD-YYYY'

2. Then setting time according to your personal preference.

Setting Alarm

Your radio includes dual alarms. Setting Alarm, make sure setting time at first.

1. Press and hold **MODE/MENU** button, turn **SCROLL/SELECT** knob to select **Alarm** menu, and then press **SCROLL/SELECT** knob to confirm.
2. Press **SCROLL/SELECT** knob to select '**Alarm 1**' or '**Alarm 2**', press **SCROLL/SELECT** knob to confirm. The ① or ② will flash on the display.
3. Press **SCROLL/SELECT** knob to alarm wizard, and then turn **SCROLL/SELECT** knob to select options, press it to confirm the setting.

Alarm states:	On or Off
Alarm time:	00:00 (manually set up the time)
Alarm duration time:	15/30/45/60/90 MINS
Alarm source:	DAB, FM or Buzzer (if you selected DAB or FM as alarm source, select last listened or saved preset station to play when alarm sounds is needed)
Alarm active day:	Daily, Once, Weekends or Weekdays
Alarm volume:	turn SCROLL/SELECT knob to adjust the alarm volume

4. When the display shows 'Alarm Saved', the alarm setting is successful.
5. **To temporarily switch off alarm**, press **SCROLL/SELECT** knob to activate Snooze function when the alarm is sounding. Press **SCROLL/SELECT** knob repeatedly can set Snooze period time of 5, 10, 15 or 30 minutes in turn. The set snooze time will show as "**Snooze mm : ss**" on the display.

 **Note:** Different Snooze period time options you can select when you selected different alarm duration time.

6. **To turn off alarm**, press and hold **INFO/POWER** button when the alarm is sounding.
7. **To cancel Alarm**, refer to steps1-3 to set Alarm states to '**Off**'.

Setting Backlight

1. Press and hold **MODE/MENU** button, turn **SCROLL/SELECT** knob to select **Backlight** menu, and then press **SCROLL/SELECT** knob to confirm.
2. Turn **SCROLL/SELECT** knob to select '**Power on**' or '**Standby**', then press **SCROLL/SELECT** knob to confirm.
3. Turn **SCROLL/SELECT** knob and then press it to set backlight level.

Power On	• High • Medium • Low
Standby	• High • Medium • Low

Setting Language

1. Press and hold **MODE/MENU** button, turn **SCROLL/SELECT** knob to select **Language** menu, and then press **SCROLL/SELECT** knob to confirm.
2. Turn **SCROLL/SELECT** knob and then press it to select language.

Factory Reset

A factory reset resets all user settings to default values, so time/date, alarm settings, presets and Bluetooth memory are lost.

1. Press and hold **MODE/MENU** button, turn **SCROLL/SELECT** knob to select **Factory Reset** menu, and then press **SCROLL/SELECT** knob to confirm.
2. Turn **SCROLL/SELECT** knob to '**Yes**', and then press **SCROLL/SELECT** knob to confirm.

SW Version

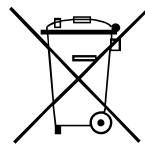
Press and hold **MODE/MENU** button, turn **SCROLL/SELECT** knob to select **SW version** menu, and then press **SCROLL/SELECT** knob to confirm. The software version will show on the display.

Troubleshooting

PROBLEM	POSSIBLE CAUSE	REMEDY
No sound	Headphones maybe connected Volume not adjusted Power cord is not correctly connected	Disconnect the headphones Adjust the Volume Connect the power cord properly
Unit Buttons are not working	Electrostatic discharge	Turn off the unit, disconnect the mains plug, and reconnect after a few seconds
Radio poor reception	Weak radio aerial signal. Interference caused by the vicinity of electrical equipment like TVs, Video Recorders, Computer, Thermostats, Fluorescent Lamps (TL) engines etc.	Aim the aerial for best reception, and ensure it is fully extended. Keep the unit away from other electrical equipment
Cannot find "ELKO Sound Player" on Bluetooth device	Bluetooth function is disabled on your Bluetooth device. The connection is disconnected.	Ensure the Bluetooth function is activated on your Bluetooth device. Re-pair the unit with your Bluetooth device.

Specification

Items	Description
Specifications:	DAB/DAB+ and FM Digital radio with Bluetooth
Frequency Ranges:	FM: 87.5-108MHz DAB/DAB+: 174.928 – 239.200MHz
LCD Display:	High resolution display
Power Requirements:	6Vdc, 500mA
Dimension (W x H x D):	157mm x 49mm x 86mm



This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling in the EU. For more information, please contact the local authority or your retailer where you purchased the product.

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