Digital Radio
DAB8339BCD
DAB+/FM/Bluetooth/ CD Player

Contents

1   Introduction

Thank you very much for buying the Digital radio. In order to let you freely operate the product and fully enjoy the overbalancing happiness it brings you; we have introduced each function of the player in detail in this user manual. Please carefully read this user manual before use and keep for future reference.

If you pass the Digital radio on to someone else, make sure to give them all the relevant documents with it.

2   Package contents

The items enclosed in the packaging box are as follows:

Radio

Power adaptor

Audio cable with 3.5mm jack at both ends

Remote Control

User manual

3   Disposal

- If have to dispose the device in the future, note that all electrical and electronic device must be disposed

of separately from household waste at official disposal centers.

• Avoid damage to the environment and risks to your personal health by disposing of device properly.

• For further information about proper disposal, contact your local government, disposal bodies or the shop where you bought the device.

• Dispose of all packaging in an environmentally -friendly manner.

• Cardboard packaging can be taken to paper recycling containers or public collection points for recycling.

• Any film or plastic contained in the packaging should be taken to your public collection points for disposal.

• Respect the environment. Old batteries must not be disposed of with domestic waste. They must be handed in at a collection point for waste batteries. Please note that batteries must be disposed of fully discharged at appropriate collection points for old batteries. If disposing of batteries which are not fully discharged, take precautions to prevent short circuits.

4 Safety

General

• Do not drop the device and do not expose it to liquid, moisture or humidity. These might lead to damage to the device.

• If the device is moved from a cold environment into a warmer one, do let it adapt to the new temperature before operate the device. Otherwise, it might lead to condensation and cause malfunctions in the device.

• Do not use the device in the dust environment as dust can damage the interior electronic components and lead to malfunctions in the device.

- The device is in indoor use only.

- Protect the device from strong vibrations and place it on stable surfaces.

- Do not attempt to disassembly the device.

- If the device is not using for a long period of time, disconnect it from the power supply by unplugging the power plug. This is to avoid the risk of fire.

- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.

- No naked flame sources, such as lighted candles, should be placed on the apparatus.

- To maintain the compliance with the Wi-Fi RF exposure requirement, place the product at least 20 cm (8 inches) from nearby persons except when operating the controls.

Power adapter

- Only use the power adaptor delivered with the device.

- The socket outlet should be installed near the device and should be easily accessible.

- Never touch the power plug with wet hands and never pull on the power cable when pulling the plug out of the power socket.

- Make sure the electrical voltage specified on the device and its power plug is corresponding to the voltage of the power socket. Incorrect voltage will destroy the device.

Risks associated with high volumes

•   Listening the device with headphones, always reduce the volume before put on the headphones. After the headphones are positioned properly, increase the volume to the desired level.
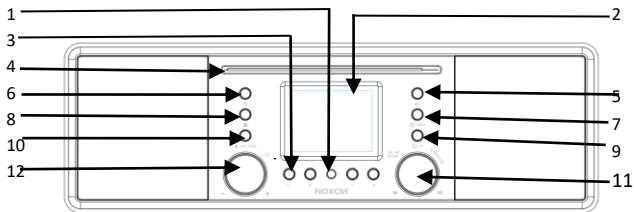
•   To prevent possible hearing damage, do not listen at high volume for long periods.

Maintenance / Cleaning

•   Always power off the unit when cleaning it.

•   Never use any harsh or strong solvents to clean the device since these may damage the surface of the device. Dry, soft cloth is appropriate, however, if the device is extremely dirty, it may be wiped off with a slightly moist cloth. Make sure the device is dried off after cleaning.

•   When you are necessary to ship the device, store it in its original package. Save the package for this purpose.
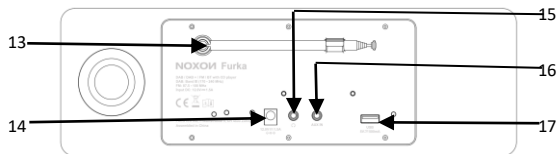
5 Overview

Main Unit: Top

1	IR receiver
2	2.4" TFT color display
3	Button : Preset 1,2,3,4
4	CD player slot
5	Button : ⊕ (MODE)
6	Button : ⏏ (EJECT)
7	Button : ≡ / INFO （MENU/INFO)
8	Button : ■ (STOP)
9	Button : ⏰ / ↺ (ALARM/BACK)
10	Button : ★ / BT PAIR
11	knob : NAVIGATE / PREVIOUS/ NEXT; Press to OK /SCAN
12	knob : ⏻/VOLUME

Main Unit: Back

13   FM/DAB+ Antenna
14   DC IN socket
15   Earphone jack socket
16   AUX IN socket
17   USB A port

Remote Control

Use your thumb to press the lid of the battery compartment and pull it out. Install AAA battery into the battery compartment, taking care to insert it with the positive (+) side up.

Risk of explosion if battery is replaced by an incorrect type.

Dispose of used batteries according to the instructions.

⏻	Device power on/off; alarm off
⏏	Eject the CD
MODE	Open, close mode selection
MENU / INFO	Display FM mode info (Name, PTY, RT, frequency) Display DAB mode info (Station, track, artist etc.) Display CD/USB mode info (Track, artist, etc.) Press and hold to open, close menu
FOLDER DOWN	Move down the folder for CD
FOLDER UP	Move up the folder for CD
SHUFFLE / REPEAT	Music: random and repeat selection

⏮	Select track, hold down to seek
⏯	Start playback, pause
▲	Move up; FM: Set frequency
◀	Move left, step back
OK (SCAN)	Confirm entry; FM: Scan; Playing: album in full screen
▶	Move right, step next
▼	Move down; FM: Set frequency
⏭	Select track
◼	Stop music playback
🔊+	Increase volume
🔊-	Decrease volume
🔇	Mute, unmute
1 – 10/0	Number buttons: retrieve saved favorite station, hold down to save station
BT PAIR	Press and hold to BT discoverable under BT mode
PRESET	Select favorite stations, hold down to save favorite Program the track of CD

6.1 Connection and Preparation

Connect the power adaptor to the back of device and plug it into power socket. Switch on the device, it starts up.

Pull out the rod DAB/FM antenna for DAB and FM reception.

6.2 General Device Functions

On the playing screen, rotate the volume knob or press ⼝+/⼝- on the remote control to adjust the volume. Switch off the sound by pressing ⼝ on the remote control.

Press ⊕ on the device or **MODE** on the remote control to select modes.

Press and hold ☰ / INFO on the device or **MENU** on the remote control to open the menu. Press again to close the menu and return to playing screen.

On the menu, rotate the Navigate knob or press ▲ / ▼ on the remote control to move along the entries.

Press **OK** to confirm; press ☼ / ↺ on the device or ◀ on the remote control to step back.

Press knob ⏻ on the device or press ⏻ on the remote control to switch to standby mode. The time, date and any active alarm times display on the screen. Switch on with the same button.

Presets

Presets are stored in the radio and cannot be accessed from other radios. To store the DAB/FM radio preset, during station playing, press and hold ⭐ **/ BT PAIR** on the device or long press PRESET on the remote control, the display "preset store" screen shows to Save prese, press OK to Select

one of the 40 presets to save the currently playing station.

Shortcut to preset recall 1-10 favorite stations by directly pressing and hold numbers **1-10** directly on the remote control.

To select a preset, press ⭐ **/ BT PAIR** on the device or press PRESET on the remote control, the display "preset recall" screen shows to select one of the listed preset stations, choose and press OK to Select one of the stored presets to play the station.

Shortcut to preset recall 1-10 favorite stations by directly pressing numbers **1-10** directly on the remote control.

Now playing information

While DAB/FM is playing, the screen shows some information about the station, press ≡ / INFO on the device or MENU/**INFO** on the remote control to view.

The device may process large amount of data after a period of operation, no matter in which mode, it will cause the system freeze or malfunction. Reboot the device if necessary.

7.1   DAB+ Radio

DAB mode receives DAB/DAB+ digital radio and displays information about the station, stream and track playing.

Scanning for stations

The first time you select DAB radio mode, 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.

To start a scan manually, choose Full scan. To scan only stations with good signal strength, select Local scan. Once the scan is complete, the radio shows a list of available stations.

To remove stations that are listed but not unavailable, choose Prune invalid. Turn the navigate reel to view a list of stations and press to select. Once selected, the station plays and the screen show information about station, track or show as broadcast.

Use menu in DAB mode

1 In DAB mode, long press ☰ / INFO on device or MENU/INFO on remote control to access DAB menu.

2 Turn Navigate knob to scroll through the menu options:

• [Station list]: display all DAB radio stations. If no station is found, the radio starts to scan DAB stations and add them to the station list.

• [Preset Recall]: Play all the stored stations.

• [Preset Store]: store you favorited station in playing.

• [Scan]: scan and store all the available DAB radio stations.

• [Manual tune]: tune to a specific channel/frequency manually and add it to the station list.

• [Prune invalid]: remove all the invalid stations from the station list.

• [System settings]:Including->Backlight->Time/Date->Alarms->Sleep-> EQ->Language-> Factory Reset->System Version

3 To select an option, press Navigate knob.

4 Repeat steps 2 to 3 if any sub-option is available under one option.

Note

• If no button is pressed within 15 seconds, the menu exits.

Show DAB information

While listening to DAB radio, press and hold ☰ / INFO repeatedly to scroll through the following information (if available):

Station name / Program type (PTY) / Ensemble name / Frequency /

Signal error rate / Signal strength /Bit rate / Codec /

Audio status / Channels/ Time and date

7.2 FM Radio

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

To find a station, press OK/SCAN. The frequency display starts to run up as the device scans the FM band. Alternatively, you can scan up or down by knob ⏮ ⏭ on the device or ▲ / ▼ on the remote control manually with quick presses.

Use menu in FM mode

1 In FM mode, press ☰ / INFO to access FM menu.

2 Turn Navigate knob to scroll through the menu options:

• [Preset Recall]: Play all the stored stations.

• [Preset Store]: store you favorited station in playing.

• [Scan setting]: All Stations/ Strong Stations

By default, FM scans stop at the strong signal station. If you want to scan all stations, select "All Stations". This may result in a poor signal-to-noise ratio (hiss) from weak stations. To change the scan settings to stop only at stations with good signal strength, select "Strong Stations".

• [System settings]: Including->Backlight->Time/Date->Alarms->Sleep-> EQ->Language-> Factory Reset->System Version

3 To select an option, press SELECT knob.

4 Repeat steps 2 to 3 if any sub-option is available under one option.

• To return to the previous menu, press ALARM/BACK button.

Note

• If no button is pressed within 15 seconds, the menu exits.

7.3   Aux in

AUX in mode plays audio from an external source.
Turn the volume low on both the radio and, if adjustable, the audio
source device.
Enter AUX mode, then adjust the volume as required.

7.4   Bluetooth

In Bluetooth mode, you can turn on the Bluetooth of your Bluetooth

device. From your Bluetooth device, search the radio **DAB8339BCD** to

pairing. When the pairing is successful, there is shown "Connected" on

the display.

Control the music playback from your Bluetooth device. Press ◄◄ / ►►◄ on

the remote control to go back the forward track or go to the next track.

Press ►◄◄ to play or pause the track.

To disconnect from the radio, press and hold ⭐ **/ BT PAIR** on the device

or **BT PAIR** on the remote control.

7.5   USB

It allows you to connect another USB device to this device for playing.

7.6   CD Player

The smart radio can playback CD-DA format audio CD-R/CD-RW discs that

have been finalised* upon completion of recording. It may fail to play

some CD-R/CD-RW discs due to poor recording and wide variation in

quality of the CD-R/CD-RW disc.

*Finalising enables a CD-R/CD-RW disc to playback on audio players. A disc which has not been finalised may have information added to it using a computer but may not always be playable.

Insert a disc with printed side facing up into the CD slot. The disc will be loaded automatically. The unit will check the CD type and load its track list. The display will show 'Loading' and then 'Reading' as the information is read.

Playback

Use ⏮ ⏭ knob on device or on remote control to play the previous or next track, press and hold to rewind or fast forward.

Press ⏸ on remote control to pause the track. Press it again to resume.

Press ■ on device or remote control to stop the track.

To take out the CD, press ⏏ . Note that this device does not eject the CD if it is not in CD mode.

Repeat/shuffle

Press SHUFFLE / REPEAT on the remote control to swap among normal playback, repeat one, repeat all (and repeat folder for MP3 / WMA CD) and turn on/off the function of random.

CD track programming

Stop the playback first if any track is playing.

Press ⭐ **/ BT PAIR** on device or PRESET on remote control to program. Set the first programming track, use ⏮ or ⏭ to seek the track. Press ⏸ on remote control to confirm and set the next programming track. Repeat the steps. When programming is completed, press ⭐ **/ BT PAIR**.

Press ▶ǁ to start playing the programmed track(s).

MP3 / WMA CD

The radio is able to play CD-R and CD-RW discs containing MP3 and WMA files. It is assumed in this section that a file is equivalent to a CD track. It allows skipping folder by pressing FOLDER UP or FOLDER DOWN on the remote control. The first file of the next or previous folder will be played.

An MP3 / WMA CD may not contain more than 512 files and not more than 99 folders. MP3 and WMA files should be created with an audio sample rate of 44.1kHz (this is normal for files created from CD audio content).

MP3 and WMA data rates up to 320 kilobits per second are supported. WMA Lossless files are not supported. The unit will not play files which include digital rights management (DRM) protection.

When burning CD-R and CD-RW discs with audio files, various problems may arise which could lead to problems with playback. Typically, such problems are caused by poor CD writing or audio encoding software, or by the hardware settings of the PC's CD writer, or by the CD being used. Should such problems arise, contact the customer services of your CD writer or software manufacturer or look in their product documentation for relevant information. When you are making audio CDs, take care to observe all legal guidelines and ensure that the copyright of third parties is not infringed.

8 System settings

At playing mode, press ≡ / INFO to access the menu.
Turn Navigate knob repeatedly to select [System settings].
Press Navigate knob to confirm.

8.1   Backlight

You may change the backlight of power on level to High, Medium or Low .

And adjust the timeout duration which the radio turns to standby

backlight level when it has not been controlled.

Press **DIMMER** on the remote control to dim the backlight.

8.2   Time/Date

Set Time/Date: Rotate the reel ◄◄ ►►on the device or ▲/ ▼ on the

remote control to set the year unit. Press **OK/SCAN** to confirm and move

to month unit. Rotate the reel ◄◄ ►► on the device or ▲/ ▼ on the

remote control to adjust the month, then press **OK/SCAN** to confirm and

move to set the day unit. Rotate the reel ◄◄ ►►on the device or

▲/ ▼ on the remote control to adjust the day, then press **OK/SCAN** to

end the date setting and move to time settings.

8.3   Alarms

There are two versatile wake-up alarms with snooze facility. Each alarm

can be set to start in a particular mode.

Select Alarms under Main menu to set or change an alarm. Alternately,

press and hold ⏰/ ⟳ on the device or remote control to configure.

Alarm : You need to set ON or OFF for the Alarm 1/2.

Alarm Time: Change the alarm time, the setting way is the same as the clock setting. Rotate the reel ⏮ ⏭ on the device or press ▲ / ▼ on the remote control to adjust, and press **OK/SCAN** or the reel to confirm.

Alarm Source: Set the alarm sound from DAB, FM, or buzzer. Press **OK/SCAN** to confirm. If you choose the wake up source from DAB/FM, when the alarm activates, you need to turn off the Alarm to adjust the volume or select the other station.

Note: If the alarm sound set to DAB/FM, please make sure the antenna is extended and have a good reception to activate the alarm properly.

Alarm Repeat: Rotate the reel ⏮ ⏭ on the device or press ▲ / ▼ on the remote control to change the alarm to Once/Daily/Weekends/Workday, and then press **OK/SCAN** to confirm.

Alarm Volume: Set the alarm volume level.

At the set time, the alarm will sound. To temporarily silence, press any key (excepted pressing knob ⏻ or ⏰/↺ on the device or pressing ⏻ on the remote control). You can change the snooze period by pressing any key (excepted pressing ⏻ or ⏰/↺ on the device or pressing ⏻ on the remote control). The radio returns to standby for the set period, with the silenced alarm icon flashing.

Press ⏻ or ⏰/↺ on the device or press ⏻ on the remote control to turn off the alarm.

8.4 Sleep

Press and hold ☰ / INFO on the device or press MENU/INFO on the remote control going to menu to enter to sleep mode. Rotate the reel ⏮ ⏭ on the device or press ▲ / ▼ on the remote control to set the sleep time of 15/ 30/ 45/ 60/ 75/ 90/ 105/ 120 minutes. Or set the sleep as Off.

8.5 EQ

Several preset EQ modes are available: Normal, Classic, Pop, Jazz, Rock, Flat, Movie, News. Press and hold ☰ / INFO on the device or press MENU/INFO on the remote control going to menu to enter.

8.6 Language

Press and hold ☰ / INFO on the device or press MENU/INFO on the remote control going to menu to select languages of English/ Deutsch/ Francais / Norsk / Italiano / Svenska / Dansk / Polski / Suomi/ Nederlands/ Portugues/ Español/ Turk, then press **OK/SCAN** or the reel to confirm.

8.7 Factory Reset

Select Yes/No to reset as the default setting, then press **OK/SCAN** or the reel to confirm. The system will then restart. Notice: Stored preset stations will be removed after factory reset.

8.8 System Version

View the version of firmware of the system.

9 Troubleshooting

Error	Remedy
The device does not switch on or turned off suddenly.	1. Check if the power adaptor is connected properly. 2. The device may malfunction when used in areas with strong radio interference. The device will work properly again once there is no more interference.
No Power	Ensure that the power adaptor plug of the unit is connected properly.
No Sound or lower sound	1.Tune on the sound as it may be muted. 2.Increase the volume. 3.(Aux-In mode) Check if the audio cable connected properly and the volume of the source is large enough.
No signal or hiss in DAB/FM mode.	1.Check the antenna installation properly/move the antenna. Also try to adjust the length of antenna. 2.Move the radio to other location.
Alarm doesn't work.	1.Switch on the alarm.

	2. Due to the volume setting, please increase the alarm volume.
	3. The source of alarm was set to be station but there is no signal. Change the source of alarm or refer to "No signal or hiss in DAB/FM mode".
Electro-Magnetic Interference.	1. 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.

10 Technical Specification

Model number	DAB8339BCD
Description	DAB/DAB+ / FM / BT with CD Player
Display	2.4", 320 x 240, TFT color display
FM	87.5 – 108.0 MHz, RDS supported
DAB/DAB+	174 – 240 MHz (Band III)
Bluetooth frequency band	2.4GHz - 2.48 GHz

Bluetooth sending power	Max. 8dBm
Power adaptor	12.0V 1.5A
Connections	DC IN (power supply) AUX IN (3.5mm socket) Earphone out socket USB A Port
Standby mode power consumption	<1W
Operating temperature	0 ºC - 35 ºC
Dimensions	330mm(L) x 105 mm(H) x 185 mm(D)
Weight	2400g

Specifications subject to change without notice.

Power Adaptor	
Manufacturer's name	Shenzhen Ying Yuan Electronics Co. Ltd.
Address	Floor 5-7 of West, Building 8, Hongye industrial park, Lezhujiao resident squad, Huangmabu

	community, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Model no.	SAW30A-120-1500G
Input voltage	AC 100 – 240V
Input AC frequency	50/60 Hz
Output voltage	DC12.0V
Output current	1.5A
Output power	18W
Average active efficiency	86.99% @ 115VAC/60Hz 86.89% @ 230VAC/50Hz
No-load power consumption	0.04W @ 115VAC/60Hz 0.09W @ 230VAC/50Hz

Use only original AC adaptor
Use only the power supply listed in the user instructions

11 Conformity

This device has been approved for compliance with the basic and other relevant requirements of the RE Directive 2014/53/EU, the ErP Directive 2009/125/EC and the RoHS Directive 2011/65/EU.

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12 Trademarks

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