Bard Internet Radio Music System

User Manual

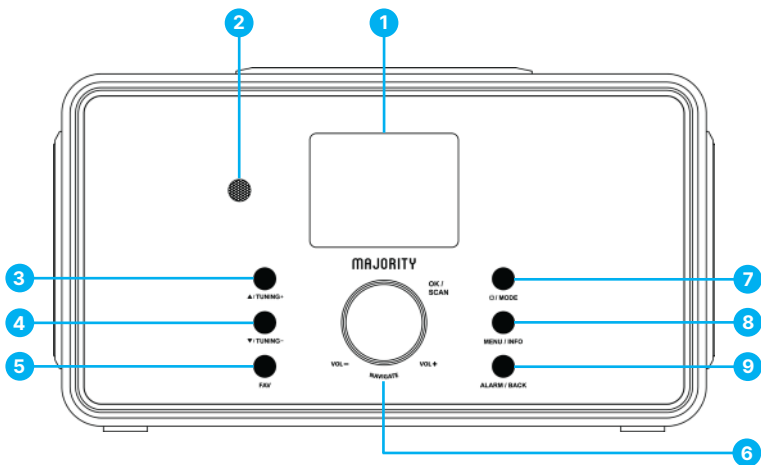3 year Warranty   Register your product online for a FREE 3 year extended warranty at: **www.majority.co.uk**

What's in the Box?

A.   Bard Music System

B.   Power adaptor

C.   Remote control

D.   3.5mm audio cable

E.   User manual
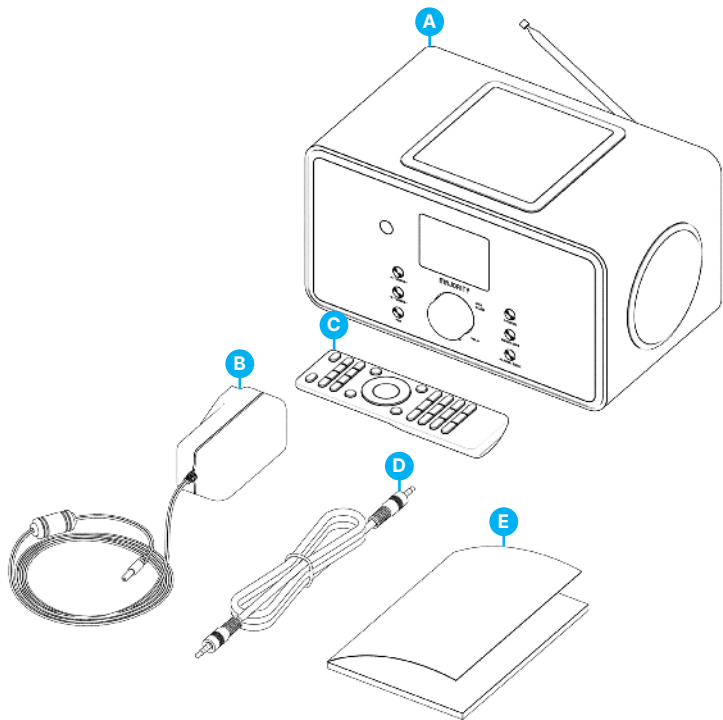
Bard Radio - Front View

1. 2.4" screen – Colour TFT display
2. Remote Control sensor – Receive remote control signal
3. UP / TUNING UP button
4. DOWN / TUNING DOWN button - Move up or right; FM: Set frequency Move down or left / FM: Set frequency
5. FAV button - Select favourite stations; Press and hold to BT discoverable under BT mode
6. Volume knob / OK / SCAN button
7. ON / Standby / MODE button - Rotate to adjust volume; Press to OK; Press to scan on FM mode. Switch on/Standby or change mode.
8. MENU / INFO button - Enter the menu; View the information of the station or track
9. ALARM / BACK button - Set alarm clock; Return one step under the menu

Bard Radio – Back View
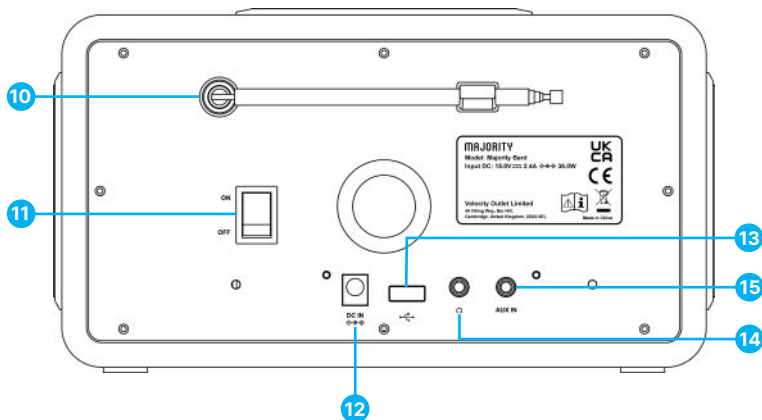
10. DAB+/FM antenna - Antenna for enhancing DAB/FM reception
11. ON/OFF switch - Switch on/off the device
12. DC IN - Plug for power support
13. USB port - USB drive music playback
14. Headphone jack - 3.5mm headphone output
15. AUX jack - 3.5mm audio input

Remote Control

Operating your remote control

Press and slide the back cover to open the battery compartment of the remote control.

Insert two AAA size batteries. Make sure the (+) and (-) ends of the batteries match the (+) and (-) ends indicated in the battery compartment. Close the battery compartment cover.

1. Device power on/off; alarm off ⏻
2. MODE - Open, close, change the radio Mode in between FM, DAB,BT,USB, AUX, Spotify, Internet Radio & Podcasts
3. MENU - Press to open, close menu
4. Select previous track, hold down to seek ⏮
5. Start playback, pause ⏯
6. EQ - Select equalizer preset
7. Move up; FM: Set frequency ▲
8. Move left, step back ◀
9. OK SCAN - Confirm entry, FM: Scan; Playing: album in full screen
10. Move right, step next ▶
11. Move down; FM: Set frequency ▼
12. Zzz - Sleep setting
13. SHUFFLE REPEAT - Music: random and repeat selection
14. ALARM - Set Alarm1, Alarm2
15. BT PAIR - Press and hold to BT discoverable under BT mode
16. Select next track, hold down to seek ⏭
17. Increase volume ◀+
18. Decrease volume ◀—
19. Mute, Unmute ⊘
20. 1-10/0 - Number buttons: retrieve saved favourite station, hold down to save station
21. INFO - Display FM mode info (Name, PTY, RT, frequency) Display DAB mode info (Station, track, artist etc.)
22. FAV - Select favourite stations, hold down to save favourite
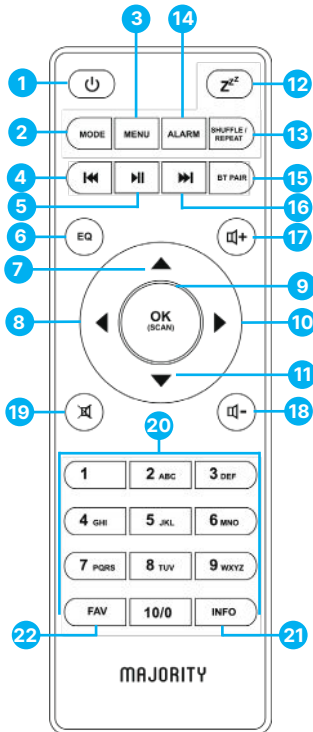
*Please note that the instructions within this manual will refer to the remote button number e.g. (Rem*number*) or radio buttons e.g. (Ref* number*) in accordance with the diagrams on pages 4-6.

Connection and Preparation

Remove all packaging and prepare your Majority Bard radio for use. Insert the power adaptor to the back of device into its port **(Ref.12)** and plug the other end into power socket.

Connecting the network

- A broadband connection in combination with a wireless access point, router, or similar network device.

- The network device needs to support Wi-Fi (802.11 a/b/g/n) wireless connection.

- Make sure your wireless network is set and you have the WEP, WPA or WPA2 security password to activate the connection with Majority Bard radio. You may also use the WPS (Wi-Fi Protected Setup) function for easy pairing between the network device and the radio. Check if the light indicators on the network device are in appropriate status.

Antenna

Plug the antenna into the F-connector port **(Ref.10)** at the back of the radio. To get good reception for DAB/FM broadcasting, always extend the antenna to its full length.

First Time Setup

When powering the device on for the first time, you will be appointed to change the language. Rotate the knob to select the menu language you want from the list and press the OK button **(Rem.9)**, to confirm your selection. Right after the privacy policy will be displayed. Press OK button to continue **(Rem.9)**. A setup wizard guide will be automatically launched to guide you through the process.

Select 'YES' and confirm and launch the setup wizard. If you select 'NO', the next window will ask you choose if you want to start the setup wizard again the next time you power the device on.

Setting date and time

Select the clock format such as: '12' for 12-hour display format or '24' for 24-hour display format. If you select the 12-hour format, the display shows 'AM' in the morning or 'PM' in the afternoon after the time.

Note: 'AM'/ 'PM' displays only if you have chosen the 12-hour time format. Select 'AM' for the morning hours or 'PM' for the afternoon hours.

Once selected, the following options will be displayed on the radio screen to choose from for the time and date to be updated such as Update from DAB, Update from FM, Update from Network or No update.

Note: If you choose 'Update from Network' you must indicate your time zone in the next window.

Next choose daylight saving to 'ON' for summertime, otherwise select 'OFF.' If you choose 'No update,' you will have to enter the date and time manually.

Connecting Majority Bard with your network

Firstly, the device asks to keep network connected. To control the device in all operating modes via the app, select 'YES' to confirm. If choosing 'NO,' while in Standby Mode it is not possible to control the device from the app you can only do so in AUX IN, FM, DAB operating modes.

Note: The power consumption in Standby Mode will be higher when the network connection is On.

Once you confirmed your selection, a list of WIFI networks found available at your location will then be displayed on the radio screen. Select from the list your network to connect Majority Bard radio with it using one of the following methods:

- **Push button:** The radio prompts you to press the connect button on your internet router. Once activated, Bard radio scans for a ready Push Button network available and connects.

- **Pin button:** The radio generates an 8-digit code number which you enter into your wireless router, access point, or an external registrar.

- **Skip WPS:** Enter key as for a standard encrypted network. To enter the network key, use the dial knob **(Ref.6)** or the direction buttons on the remote control to move the cursor through the characters and press OK to confirm. As each character is selected, the key is built up near the top of the display.

There are three options accessible by tuning the navigate dial knob **(Ref.6)** back before the first characters – Backspace, OK and Cancel.

Note: For more information on setting up a WPS encrypted network, see your WPS router's instructions.

Once the key has been entered Bard radio will search and connect to your network. Bard radio will on its screen the status connected if the set-up has been successfully completed. If connecting with your network using this method fails, it returns to the previous screen to try again. Once completed, press OK to quit the setup wizard.

Storing & Recalling Presets

Presets are stored on the radio and cannot be accessed from other devices.

The number of presets for each mode are DAB- 40; FM- 40, Spotify- 10 and 40 in total for the internet radios and podcasts all together.

While playing a radio station / podcast to store as a preset, press and hold the FAV button for 2-3 seconds **(Rem.22)**. The display shows the 'Store preset screen.' Using the arrow buttons find an empty preset space, select one and confirm. The radio display will show stored.

To recall a preset, press FAV button on the remote **(Rem.22)**. Using the arrow buttons, search for the one you wish to play from your list and confirm. The radio will then start playing.

When a preset station is playing, it shows a star icon ★ (1, 2 etc.) at the bottom of the screen.

For 1-9 preset stations, you can use shortcut buttons on the remote-control keypad. Press and hold for 2-3 seconds a number button on remote keypad, between 1-9, to store a radio station. Alternatively, press FAV button to select the corresponding number of presets.

To save a preset from 10 onwards, you can only store or recall via 'Presets list'.

UNDOK

The Majority Bard radio has a feature of network remote for smartphone or tablet with IOS or Android operational system. Having this feature will allow you to control the radio using the network remote on your device. To be able to activate and use this Net-remote, you must download on your phone / tablet the UNDOK app from Google Play or Apple Store then install it on your device or scan any of these codes for quick download.

For Android system
(Google Play)

For iOS system
(Apple Store)

Before using the UNDOK app, make sure that Bard radio and your phone or tablet are connected to the same WIFI network.

Launch the app. The app initializes and scans for Internet Radio in the network, find Majority Brad radio and select the radio to connect with.

When prompted, enter the current PIN code. The default PIN is '1234'.

You can view and edit the current PIN on the Internet Radio menu. Select your desired mode on the main page. Once connected you can control the selected mode on your smartphone / tablet and on the display of the device simultaneously.

Tap 'Standby' icon to go to standby mode. Tap 'Wake up' to go to operation mode.

Tap 'Browse' to view the details. Tap to view the saved preset stations, and tap '+' to add the playing station to the desired preset station number.

NOTE: Be aware that if another smartphone / tablet with the app in the same networks have access with the device, the original connection will be cut off.

Internet Radio & Podcasts

Majority Bard can play thousands of internet radio stations and podcasts from around the world through a broadband Internet connection. When you select Internet radio or Podcasts mode, the device directly contacts the Frontier Smart Technologies portal to get radio stations or podcasts.
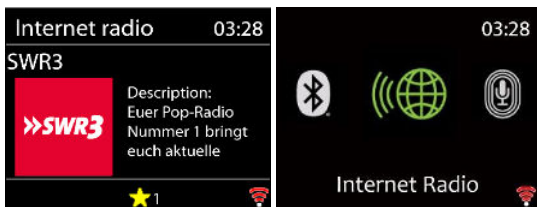
The list menu is provided by the portal and is only accessible when the device is connected to the Internet Network.

Please note: The contents and sub-menus may change from time to time.

Choose required category and search for the radio station or podcast you would like to play on your Bard radio.

Now playing information

While the stream is playing, the screen shows its name and description. To view further information, press 'INFO'.

Each time you press 'INFO', another set of information will be displayed, cycle through name/description, genre/location, reliability, codec/sampling rate, playback buffer and today's date.

Press OK to view the station album in full screen.

Presets – 40 presets available, see page 9.

Spotify Connect

Use your smartphone, tablet, or computer as a remote control for Spotify.

Go to **spotify.com/connect** to learn how.

The Spotify Software is subject to third party licenses found here:
https://www.spotify.com/connect/third-partylicenses

Start playing Spotify on your smartphone as per usual. The 'devices icons' are displayed on your phone bottom page. Open the devices icon list to see the ones available on your network, then select 'Majority Bard.' Once successfully connected the radio icon will turn green and you can start playback via Bard radio.

While playing you can Play / Pause **(Rem.5)** or use the Previous or Next track to skip **(Rem 4. and Rem.17)**, which you can press and hold for a few seconds to fast forward or rewind.
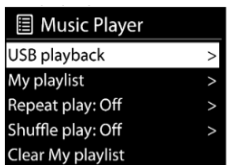
USB Music Player

This feature is only to be used to play audio files from a USB stick. Insert the USB stick on its port on the back of the radio **(Ref.13).**

The USB stick specifications that you can use with Bard radio are:

- Supported USB file systems: FAT16, FAT32 -Maximum device capacity: 128 GB.

- Maximum number of items (files/sub directories) including any directory is: 5000.

- Maximum depth of file system tree: 8 directory levels.

While in USB mode the menus are generated based on the content of the USB stick (folders, audio files). Browse through the files using the navigation knob **(Ref.6)** and BACK button **(Ref.9)**, or the arrow buttons on the remote control.

📄 Music Player
USB playback   >
My playlist   >
Repeat play: Off   >
Shuffle play: Off   >
Clear My playlist

The radio display shows folders and file names (not necessarily track names). Once you have found a track you want to play, press OK. A short press plays the track immediately.

In USB mode you can use the Previous **(Rem.4)** or Next track **(Rem.16)**, to skip to the next or previous track. Press and hold for few seconds Previous or Next buttons to fast forward or fast rewind. Use PLAY/Pause button **(Rem.5)**.

My playlist - The files/ audio tracks can be added to My playlist by browsing your available tracks through the USB playback menu. Highlight the track you wish to add, then press, and hold for 2 seconds the OK button to save. The playlist is preserved during standby mode. The device holds a queue of up to 200 tracks in My playlist.

Clear My playlist – To clear the entire 'My playlist.'

**Repeat/shuffle** - You can set these options to repeat tracks or play them in random order. To activate Repeat/ Shuffle press the corresponding button on remote control **(Rem.13)**.

Now playing information - While a track is playing, the screen shows the file and artist. There is also a progress bar with figures for elapsed and total track time. At the bottom of the screen, an icon indicates USB depending on the source.

To view further information, press INFO. Each time you press INFO, another set of information will be displayed, cycling through the information: artist, album, codec/sampling rate, playback buffer and today's date. *Note: In USB mode the album cover is not supported.*

DAB Radio

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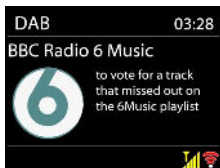
Scanning for stations

The first time you select DAB radio mode, or if the station list is empty, the radio automatically performs a full scan for the available radio 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 available, choose Prune invalid. Rotate the navigation dial **(Ref.6)** to scroll through the list of DAB radio stations found, highlight the one you would like to play then press OK to confirm. Once selected, the radio station starts to play. While playing on the radio screen will be displayed, information about the radio station, audio track or broadcast info.

Now playing information

To view more info while streaming press INFO **(Rem.21)**. Each time you press the INFO button, another set of information will display, cycling through DLS text, programme type, ensemble name/frequency, signal strength/error rate, bite rate/codec/channels and today's date.

Press OK to view the station album in full screen.

Presets – 40 presets available,

DAB mode settings

Dynamic range compression (DRC)

If you are listening to music with a high dynamic range in a noisy environment, you may wish to compress the audio dynamic range. This makes quiet sounds louder, and loud sounds quieter. You can change DRC as Off, Low or High.

Station order

You can choose the order of the DAB station list to be either Alphanumeric, Ensemble or Valid.

Ensemble lists groups of stations that are broadcast together on the same ensemble.

Valid lists valid stations first, alphanumerically, then off-air stations.

FM Radio

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

To find a station, press OK. The frequency display starts to run up as the device scans the FM band. Alternatively, you can tune manually by turning the NAVIGATE knob.

Now playing information

While the stream is playing, the screen shows its frequency. If RDS information is available such as station name, programme name, track title and contact details these will also be visible. If there is no information available, on the radio display you will only see the radio station frequency. Stereo broadcasts are indicated with an icon at the top of the screen, to view further information about the broadcast, press INFO button **(Rem.21).**

Each time you press INFO button, another set of information is displayed, cycling through RDS text, further RDS text (station/programme type), frequency and today's date.

Presets – 40 presets available, see page 9.

FM Settings Scan settings

By default, FM scans stop at any available station. This may result in a poor signal-to-noise ratio (hiss) from weak stations. To stop at radio stations with good signal strength only change the scan settings to 'Strong station only,' select 'Yes' to confirm.

Audio settings

All stereo stations are reproduced in stereo. For weak stations, this may result in a poor signal-to-noise ratio (hiss). To play weak stations in mono, select FM weak reception: 'Listen in mono only' and then YES to confirm.

Bluetooth Mode

The Majority Bard can be paired via Bluetooth with a phone, a tablet or similar device to play audio from, via the radio speaker.

In Bluetooth mode, the radio enters the pairing mode automatically.

You can turn on Bluetooth on your device and search the radio Majority Bard. When it is waiting for pairing, there is a blinking Bluetooth icon at the bottom. If the pairing is successful, the Bluetooth icon becomes steady.

Control the music playback from your Bluetooth device.

To disconnect from the radio, press, and hold PRESET/BT PAIR **(Rem.15)** or go to the menu and choose BT disconnect.

Please note: The Majority Bard radio is not compatible with Bluetooth earphones.

Aux in

The Aux in mode can be used to play audio from an external source such as an MP3 player, a phone, a tablet, or any other similar device via the Majority Bard speaker.

Connect the external audio source to the Aux in stereo jack port on the back of the Bard radio **(Ref.15)**, using the 3.5 mm audio cable.

Adjust the volume level on the radio and on the audio source device that you are connecting with, if necessary.

Sleep Timer

To set the sleep timer, select Sleep under Main menu or press SLEEP button **(Rem.12)** on the remote control. Choose from Sleep OFF, 15, 30, 45, 60, 90 or 120 minutes. The radio will count and turn off after you select a sleep time.

Alarm

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. Each alarm can be set to start in a particular mode.

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

```
📋 Alarm 1
Enable: Daily
Time: 07:30
Mode: Internet Radio
Preset: Last listened
Volume: 10
```
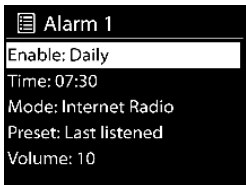
Select the alarm number (1 or 2) then configure the following parameters

- Enable: on/off,
- Frequency: Daily, Once, Weekends or Weekdays,
- Time: as per your choice
- Mode: Buzzer tone, Internet Radio, DAB or FM,
- Preset: Last listened or Preset 1-40
- Volume: set the volume level.

To activate the new settings, scroll down and select Save. The screen shows active alarms with an icon at the bottom left of the radio display screen. At the set time, the alarm will sound.

To temporarily silence, press any buttons except STANDBY. You can change the snooze period. The radio returns to standby for the set period, with the silenced alarm icon flashing.

Press STANDBY to turn off the alarm.

System Settings

On the playing screen of any modes, press and hold MENU / INFO button **(Ref.7)** on the unit or press MENU on the remote control **(Rem.3)**, choose System settings to continue.
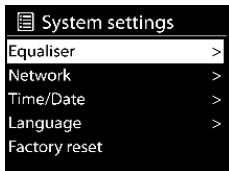
Equaliser

Several preset EQ modes are available: Normal, Flat, Jazz, Rock, Movie, Classic, Pop and News.

Also, a user-defined setting is available; create your own EQ with custom bass, treble settings.

Network

Network wizard - Enter to search AP SSID, then input the WEP / WPA key or choose Push Button/Pin/Skip WPS to connect to the wireless network.

PBC WLAN setup - Push Button Configuration, it is to connect the AP that supports WPS (Wi-Fi Protected Setup).

View settings - View the information of current connected network: Active connection, MAC address, WLAN region, DHCP, SSID, IP address, Subnet mask, Gateway address, Primary DNS, and Secondary DNS.

Manual settings - Choose wireless network connection and enable or disable DHCP (Dynamic Host Configuration Protocol).

NetRemote PIN Setup - Here you can view and edit the NetRemote PIN. The default NetRemote PIN is: 1234. The NetRemote PIN is required when you want to connect a smartphone or Tablet PC to your radio.

Network profile - The smart radio remembers the last four wireless networks it has connected to, and automatically tries to connect to whichever one of them it can find.

From here you can see the list of registered networks. You can delete unwanted networks by pressing the OK button and then choosing 'YES' to confirm delete.

Clear network settings - Select 'YES' to clear all the current network settings.

Select 'NO' to cancel.

Keep network connected - If you choose to keep network connected the Wi-Fi will not disconnect even in standby mode. This option allows the device to be ready for UNDOK (Details can be found on Section 3) connection in any operating modes.

Time/Date

Set the time manually or auto update, time format, time zone and daylight. Details can be referred to Setting date and time under Section 3 (First Time Setup).

Language

The default language is English. Change it as your preference. There are 13 languages available - English, Dansk, Deutsch, Español, Français, Italiano, Nederlands, Norsk, Polski, Português, Suomi, Svenska, Türkçe.

Factory Reset

A factory reset will set all user settings to default values, therefore the existing presets, time and date, network configuration will be lost.

Software Update

Auto-check setting - This option automatically checks for latest updates from time to time. Automatic updating is enabled by default. To disable it, select 'NO.' To enable it again, select 'YES.'

Check now - Search for available updates immediately.

If newer available software is detected, you will be asked if you want to go ahead with an update. If you agree, the new software is then downloaded and installed. After a software upgrade, all user settings are maintained**.**

NOTE: Before starting a software upgrade, ensure that the radio is plugged into a stable main power connection. Disconnecting power during an upgrade may permanently damage the unit.

Setup Wizard

With this function, you can start the setup wizard at any time. Any parameters or stations entered already are not deleted. For more information, please read Section 3 (First-time setup).

Info

Enter Info to view the firmware version and the radio ID.

Privacy Policy

View the information of Privacy Policy. Please read the data protection regulations listed there or go to this website**: www.frontiersmart.com/privacy**

Backlight

You may change the backlight of each environment (power on or standby) to High, Medium, or Low. And adjust the timeout duration which the radio turns to standby backlight level when it has not been controlled.

Error	Potential Cause/Solution
The device does not switch on or turn 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.
No network connection can be established.	1. Check the WLAN function. 2. Try to set an IP address on the device. 3. Activate the DHCP function on the router and make the connection again at the device. 4. A firewall is activated on the network – set the respective program in such a way that access is possible. 5. Reboot the router.
Wi-Fi connection cannot be established.	1. Check the availability of WLAN network on the router. 2. Place the device closer to the router. 3. Make sure the password is correct.

Error	Potential Cause/Solution
No station is found.	1. Check the network as well as the access point and firewall. 2. The station may not be available currently, try again later. 3. The link of the station is changed, or the station no longer transmits – ask the provider for information. 4. The link of manual added station may not be correct, check, and change it.
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 another location.
USB driver or MP3 player is not detected.	1. Check if the USB driver or MP3 player is plugged in properly. 2. Some USB hard disks need external power supply, make sure it is connected to the power. 3. Not all MP3 players can be read directly on the device – use a USB drive instead.
Alarm does not work.	1. Switch on the alarm. 2. Due to the volume setting, refer to the solutions of 'No sound.' 3. The source of alarm was set to be station but there is no network connection. Change the source of alarm or reconfigure the connection.

Error	Potential Cause/Solution
All other undetermined cases. / Electro-Magnetic Interference.	The smart radio may process large amount of data after a period of operation, no matter in which mode, it will cause the system to freeze or malfunction. Reboot the device if necessary.
	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.
	The device may malfunction when used in areas with strong radio interference. The device will work properly again once there is no more interference.

Product Specification

Model number	Majority Bard
Description	Internet Radio Music System
Speaker output power	100W
Display	2.4", 320 x 240, colour TFT display
FM	87.5 – 108.0 MHz, RDS supported
DAB/DAB+	174 – 240 MHz (Band III)
Power adaptor	15.0V 2.4A 36.0W
Connections	AUX in (3.5mm socket) Headphone (3.5mm socket) USB (type A) - for playback only, no charging function DC IN power supply (5.5mm socket)
Network standby power	<2.0W
Max. power consumption	36.0W
Operating temperature	0 ºC – 35 ºC
Dimensions	235mm(L) x 129mm(H) x 135mm(D)
Weight	2.1 kg

Specifications subject to change without notice.

Power Adaptor	
Input voltage	100 – 240V ~ AC, 50/60Hz, 1.2A
Output voltage	DC 15.0V
Output current	2.4 A
Output power	36.0 W
Average active efficiency	89.73%
Efficiency at low load (10%)	88.95%
No-load power consumption	0.07W

Warranty

Register your product within 30 days of purchase at www.majority.co.uk to activate your extended warranty. Terms and conditions apply.

Support

If you require further assistance with your new Majority Bard radio, please contact our support team on the Majority website: **www.majority.co.uk/support**

1. Read these instructions.
2. Keep these instructions. Instructions are also available for download at www.majority.co.uk.
3. Heed all warnings.
4. Follow all instructions.
5. Do no clean the apparatus near or with water.
6. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
9. Protect the power from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use accessories specified by the manufacturer.
11. Unplug this apparatus during light storms or when unused for long periods of time.
12. Refer all servicing to qualified service personnel.
13. No naked flame sources, such as a lit candle should be placed on the apparatus.
14. Dispose of used electrical products and batteries safely according to your local authority and regulations.

ADDITIONAL WARNINGS

The apparatus shall not be exposed to dripping, splashing or objects filled with water.

The main plug is used to disconnect the device. In order to disconnect the apparatus from the main mains completely, the mains plug should be disconnected from the main socket outlet completely.

Battery shall not be exposed to excessive heat.

RECYCLING ELECTRICAL PRODUCTS

You should now recycle your waste electrical goods and in doing so help the environment.

This symbol means an electrical product should not be disposed of with normal household waste. Please ensure it is taken to a suitable facility for disposal when finished.

IMPORTANT: Please read all instructions carefully before use and keep for future reference.

Risk of electric shock.
Do not open.

Read all instructions carefully before use and keep for future reference.

When servicing, use only identical replacement parts.

ATTENTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION
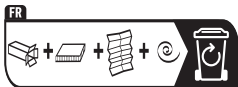RISQUE D'ELECTROCUTION NE PAS OUVRIR

IMPORTANT: Please read all instructions carefully before use and keep for future reference

MAJORITY

www.majority.co.uk