

OneRemote DabWiFi2

DAB+/FM/ Internet Radio & Media Player

Modified for use with B&O remotes only

User Manual



Daily Use

Use the numeric buttons **0** .. **9** and **STOP** to select a preset favorite station. Once the tuner has been correctly set up, many will never need to use other buttons.

With a Beo4, Beo5, Beo6 or BeoOne remote control

Select by pressing DAB/ FM/ Internet	STOP
Select	GO GO
Display maneuvering	<< / >> ▼ / ▲
Back	▶ *1
Menu	MENU
Info	GO ▲
Play/ pause	▶ *1
Previous	▶ *1
Next	▶ *1

With a Beolink 1000 remote control

Select by pressing DAB/ FM/ Internet	STOP
Select	PLAY PLAY
Display maneuvering	<< / >> ▲ / ▼
Back	PLAY <<
Menu	MENU
Menu (alternative)	PLAY ▼
Info	PLAY ▲
Play/ pause	PLAY STOP
Previous	PLAY <<
Next	PLAY >>

Setting Favorite Stations

	Beo4, Beo5, Beo6, BeoOne	Beolink 1000
Set Favorite 1 *2	GO 1	PLAY 1
Set Favorite 2 *2	GO 2	PLAY 2
Set Favorite 3 *2	GO 3	PLAY 3
Set Favorite 4 *2	GO 4	PLAY 4
Set Favorite 5 *2	GO 5	PLAY 5
Set Favorite 6 *2	GO 6	PLAY 6
Set Favorite 7 *2	GO 7	PLAY 7
Set Favorite 8 *2	GO 8	PLAY 8
Set Favorite 9 *2	GO 9	PLAY 9
Set Favorite 10 *2	GO 0	PLAY 0

*1
The coloured key functionality is always available in the Direct Mode, but not in the CableLink Mode in some Bang & Olufsen equipment.

*2
Not all Bang & Olufsen equipment responds to numeric commands. Using the Direct Mode option is recommended.

*
Volume is handled by the B&O device, thus the DabWiFi2 receiver must always be set for maximum volume. A reset of the tuner, will lower this setting. To get full volume press **GO** **STOP**.

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Getting Started

This OneRemote DAB+/FM/WiFi tuner has been re-designed for operation in a Bang & Olufsen remote control system, allowing full control with a Bang & Olufsen remote control terminal either directly or via connection to Bang & Olufsen equipment. Thus the tuner is BeoLink compatible.

If the Bang & Olufsen system comprises one or more link rooms in a BeoLink System, sound may be distributed to these rooms, and in some cases – see below – the tuner might even be controlled from there.

Operation details described below require correct connection of the tuner to the Bang & Olufsen system.

When initially powered up the DabWiFi2 tuner is programmed to be switched on by pressing **AMEM** or **ATAPE** on the Bang & Olufsen remote. In most cases though reprogramming shall be carried out during this initial installation. See the Installation Manual.

Hereafter the daily operation shall – in most cases - be limited to selecting a pre-set favorite program.

The OneRemote DabWiFi2 tuner is supplied with a DataLink cable enabling connection to most Bang & Olufsen radios. But some system configurations require an adaptor as shown later in this manual and explained in detail in the Installation Manual.


Main Menu

Using a Bang & Olufsen remote press  , highlight **Main menu** and select by pressing  .

Setting Station Presets

The tuner memory stores 10 Internet stations, 10 FM stations and 10 DAB stations.



To store the actual station listened to press  + the desired preset number.

With **Preset stored** being displayed the station may be selected by pressing the number of the preset directly.

Note! Not all Bang & Olufsen equipment transfers digits to all inputs. See the tables "Source & Option Selection" below. Direct Mode may be used alternatively.

Selecting a Preset Station

Press **STOP** repeatedly to select DAB, FM or Internet radio. Then press the desired digit directly.

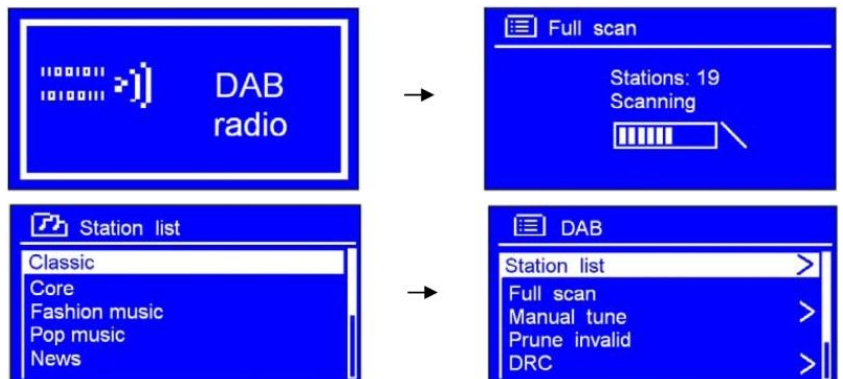
DAB Mode

DAB Radio Stations

Press **STOP** repeatedly until **DAB radio** is displayed or go through the **Main Menu**.

Initially the tuner makes a full scan and stores in memory the stations listed alphabetically.

After the scan has been completed any program may be pointed at and selected by pressing **GO** **GO**.

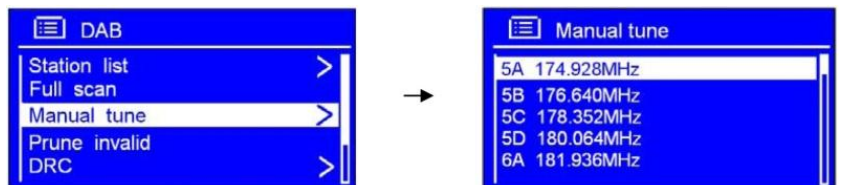


DAB Manual Tune

Point at **Manual tune** in the **DAB Menu** and confirm by pressing **GO** **GO**.

Point at the desired frequency.

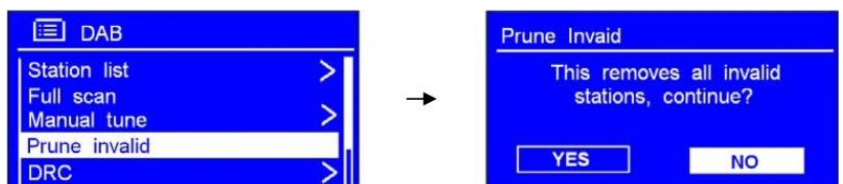
Start tuning by pressing **GO** **GO**.



DAB Prune Invalid

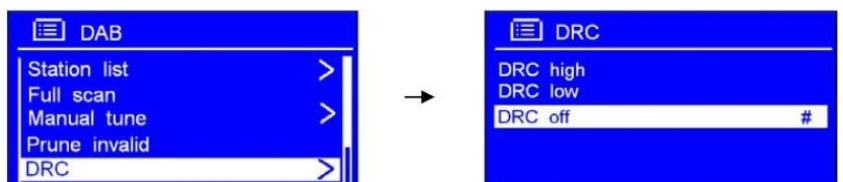
Point at **Prune invalid** in the **DAB Menu** and select by pressing **GO** **GO**.

Removal of invalid stations has to be confirmed.



DAB - DRC (Dynamic Range Control)

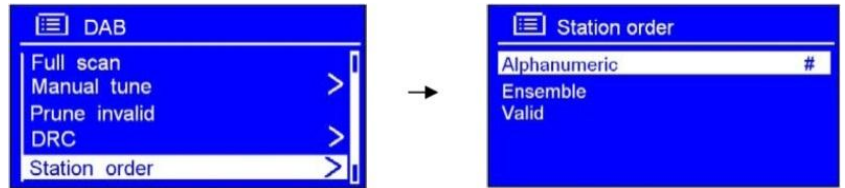
DRC allows for setting of the compression level for radio stations thus eliminating differences in the dynamic range or sound level.



Point at **DRC** in the **DAB menu**, select the desired level and confirm by pressing **GO** **GO**.

DAB Station Order

Point at **Station order** in the **DAB menu**.
 Select the desired order and confirm by pressing **OK** **OK** .



Alphanumeric	Display all stations in alphanumeric order.
Ensemble	Last active stations prior to inactive stations.
Valid	Remove inactive stations from the station list.

Internet Radio

When in **Main Menu** press **STOP** repeatedly until **Internet radio** is displayed.



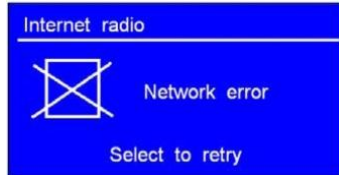
or



If the tuner has been connected correctly the **Internet radio** is displayed:



If **Network error** is displayed:



- Check the router.
- Check the network cabling.

Select **Station list** and confirm by pressing **GO GO**.



→



Select Local (Domestic) Stations

Select the desired broadcasting country and confirm by pressing **GO GO**.



→



Select Favorite Stations

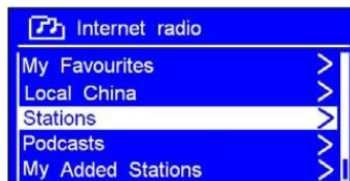
Select **Stations list** and confirm by pressing **GO GO**.



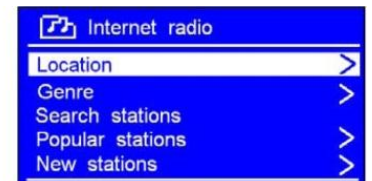
→



Select **My Favourites** and confirm by pressing **GO GO**.



→



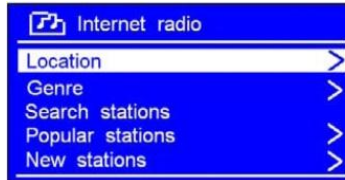
Select an Internet Station in a Specific Country

Select the desired broadcasting region and confirm by pressing **GO** **GO** .



Continue by selecting the country in the region and confirm by pressing **GO** **GO** .

Select the **Genre** and confirm by pressing **GO** **GO** .



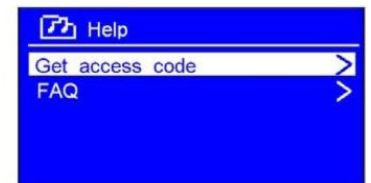
Note! Not all stations broadcast around the clock. Thus they might not always be available. Some stations have on-demand services allowing for programs to be re-broadcasted.

New Internet Stations

New stations are added now and then, and the tuner indicates, when the list has been updated. The update is automatic and ensures that the latest stations added are also listed.

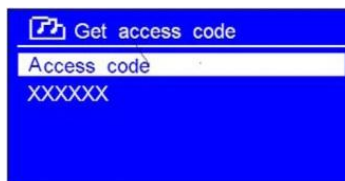
Access Code

With the tuner connected to a network an access code and FAQ may be displayed.



Select **Internet Radio** and then **Help**

Select **Access code** and confirm by pressing **GO** **GO** . The tuner's ID is displayed.



Select **FAQ** and confirm by pressing **GO** **GO** .

The **Access code** is used when creating favorite lists, **My Favourites**, via an internet connected PC.

My Favourites created this way are automatically updated on all tuners signed in. With tuners distributed to the living room, the kitchen, the study and even to a remote apartment in the holiday resort the list is updated in all of them.

Sign in at www.wifiRadio-frontier.com using the access code.

Changing the Station Information

When playing an internet station the second line of the tuner's display contains a variety of information. Press **GO** **▲** repeatedly to go through all available info being displayed.

Station Description

Scrolling text information is being displayed. It may comprise information on music titles or other program details provided by the broadcaster.

Program Description

This description is provided by the station or by the broadcaster.

Station Reliability

This information indicates the quality of the received signal.

Broadcasting Information

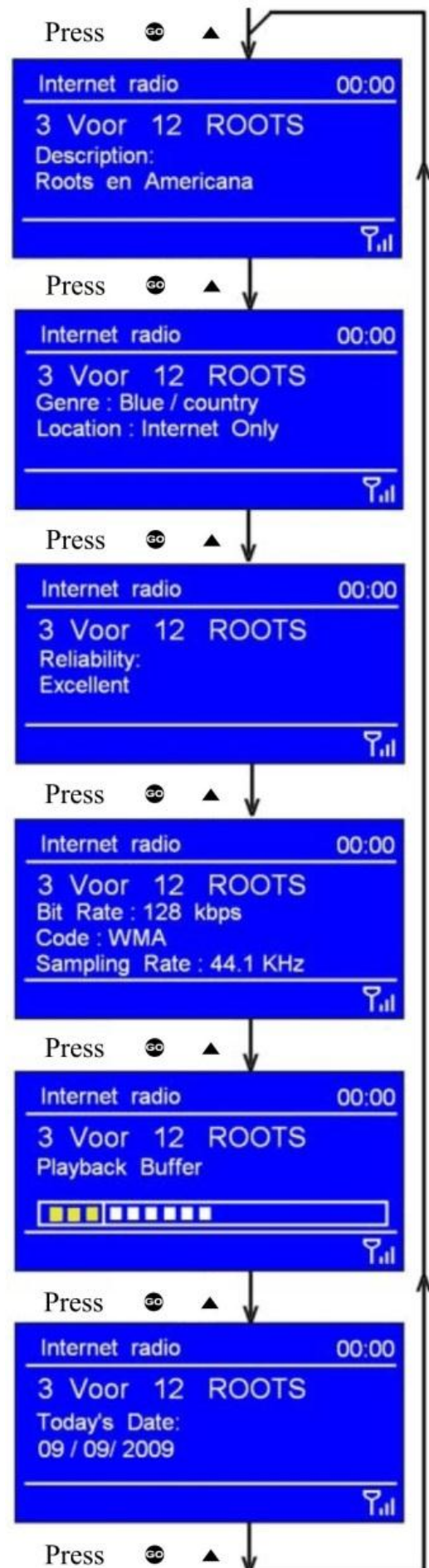
The digital bit rate and sampling mode are indicated.

Playback Buffer

This displays the playback buffer strength of the current station.

Date

The displayed date is provided by the broadcaster and is very accurate.



Add Internet Radio Stations via an Internet Connected PC

Favorite stations may be added using the tuner's menu, but it is easier using a PC.

It is even possible to add stations not recognized by the tuner, if their data is known. With more than one tuner operating they'll all be updated at the same time.

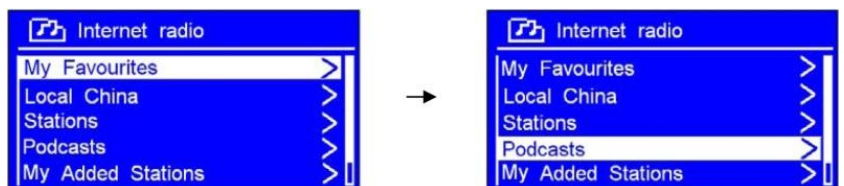
New stations can be searched for on the internet, and they may be added to the list of favorites.

Added to **My favourites** they'll always be available, even after re-installation of the tuner.

Select a Station Podcasting

When connected to the network the tuner can deliver podcasts.

From the **Internet radio** menu select **Podcasts** and confirm by pressing **GO** **GO** .



Sorting of Podcasts

Select:

- Location
- Genre
- Search podcasts



Confirm by pressing **GO** **GO** .

Music Player Mode

NOTE! Before starting to play music read through the following pages thoroughly.

NOTE! The network's firewall has to allow for the operation of a Windows Media Player network sharing device.

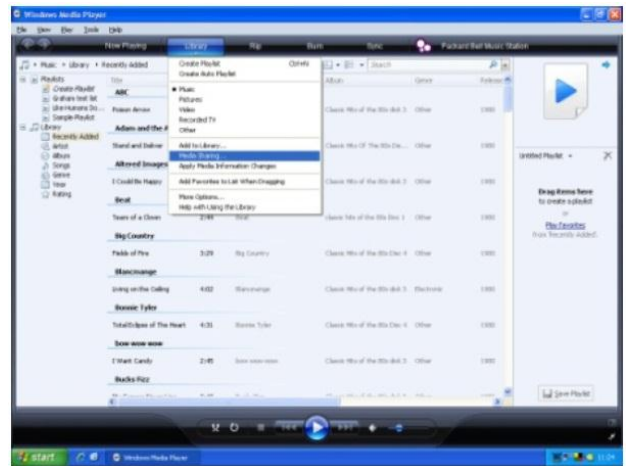
1. On the network PC select **Control Panel > Security center>Windows Firewall**
2. Select **"Exception"**
3. Mark **"Windows Media Player Network Sharing Service"**

Windows Media Player 11 Shared Media Set Up

With the Windows Media Player 11 installed and the tuner connected to the network sharing music may be established. The tuner is now able to play the music that is stored on the PC.

The music sharing set up:

Open the Windows Media Player and click on the little arrow below **Library**.



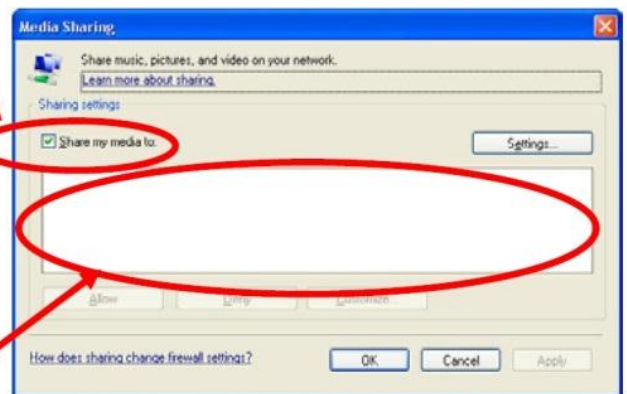
Then click on **Media Sharing**.

In the **Media Sharing** dialog box select the **Share my Media** check box.

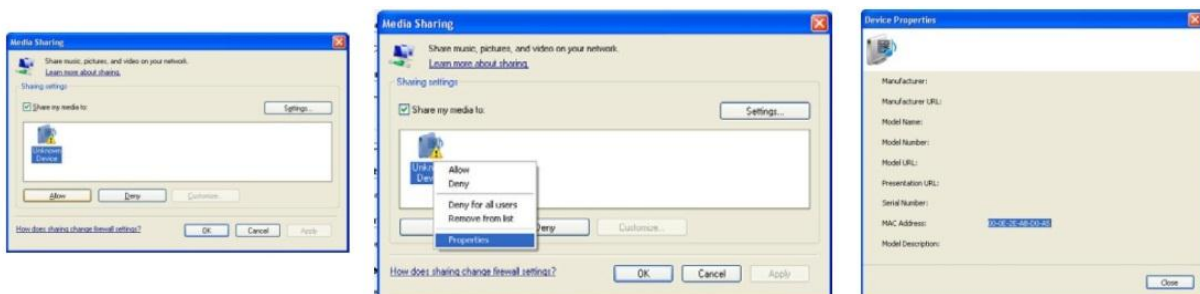
Check the "Share my media to" box, click **Radio** *1 and then **allow**. The selected device shows a green tick. Click OK.

If the desired device is not listed do as follows:

- 1) From the "Media Player" menu in the tuner, select "UPNP Servers", and a list of available computers appears.
- 2) Select the desired computer.



This tuner appears in the list. To ensure that this IS the tuner, right click on the device and select "properties". The tuner's MAC-address is shown.



*1 This tuner is named "Jupiter 6.2" in the Media Player.

Play PC-stored Music on the OneRemote Tuner

Having installed and configured the tuner and the Windows Media Player music may now be played via the wireless connection:

1. Select **Shared media** in the tuner's **Media Player menu**.
2. Select the computer with the desired music files.
3. Select category for the music files on the computer using the following criteria:
All music, Genre, All Artists, Contributing Artists, Album artists, Composers, Albums, Playlists, Folders eller Star Ratings.

Press **GO** **GO** to select.

Select the tracks to be played and press **GO** **GO** .

Play Shared Media

Press **STOP** repeatedly until **Music player** is displayed or go through the **Main Menu**.



Point at **Shared media** and confirm by pressing **GO** **GO** . Follow display prompting to select music to be played.

Repeat Play Mode

In **Music player Repeat play** may be selected and confirmed by pressing

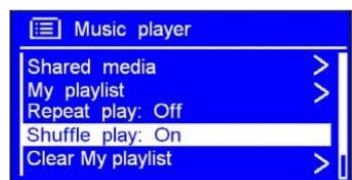
GO **GO** . The music is then repeated continuously.



Shuffle Play Mode

In **Music player** , **Shuffle play** may be selected and confirmed by pressing **GO** **GO** .

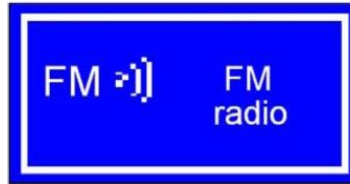
The music is then played randomly.



FM Mode

FM – General Operation

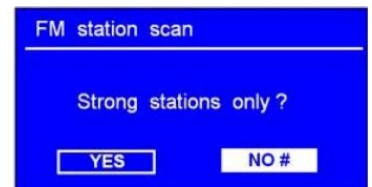
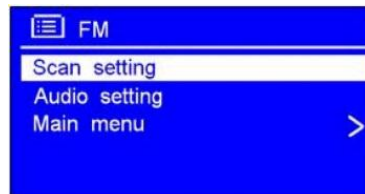
Press **STOP** repeatedly until **FM radio** is displayed or go through the **Main Menu**.



Initially the tuner starts at the lower frequency of the FM range, 87.50 MHz. Having tuned stations the last station listened to is always displayed.

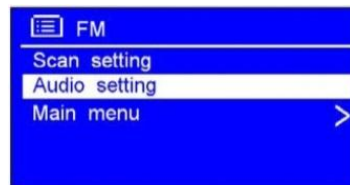
FM – Scan Setting

Point at **Scan setting** in the **FM menu** and start tuning by pressing **GO** **GO**.



FM – Audio Setting

Point at **Audio setting** in the **FM menu**, select stereo or mono and confirm by pressing **GO** **GO**.



Troubleshooting

If experiencing trouble with the tuner visit the help section on : www.wifiRadio-frontier.com.

If experiencing trouble connecting to a wireless network the following steps might resolve the problem:

1. Check that a WiFi connected PC can access the Internet using the same network.
2. Check that a DHCP server is available or that a static IP address has been configured on the tuner. A static IP address on the tuner may be configured by using the menu 'System setting -> Network ->Manual settings-> Wireless' and the selecting 'DHCP disable'.
3. Check that the access point does not prohibit connection to particular MAC addresses. The tuner's MAC address may be viewed by using the menu 'System setting -> Network -> View settings-> MAC address'.
4. With an encrypted network the correct key or password has to be entered into the tuner. Remember that the text-format keys are case sensitive. If, when attempting to connect to an encrypted network, the tuner displays 'Wireless error' followed by a 5-digit number, ensure that the correct password has been entered. If the problem persists, a check of the network configuration might be needed.
5. If the tuner connects to the network successfully but cannot play certain stations the reasons might be:
 - a. The station is not broadcasting at this time of day, as it might be located in a different time zone.
 - b. The station has reached the maximum allowed number of simultaneous listeners.
 - c. The station is not broadcasting anymore.
 - d. The link on the tuner is out of date.
 - e. The Internet connection between the server and the tuner is slow. They are often countries apart!
6. If the station can be played via a PC use the form at www.wifiRadio-frontier.com for notification enabling a change of the station data used by the tuner.

DabWiFi2 is equipped with a 7 pin DIN DataLink cable for connection to Bang & Olufsen equipment. Thus an adaptor cable is required for connection to equipment not having a DIN input socket. See below examples and the **Option Programming** section in the installation manual.

