User Guide

OneRemote Radio PL4 for B&O Speakers.

Control with Bang & Olufsen Remotes

DAB/DAB+ – FM - Internet Radio – Spotify
Bluetooth – UPnP – Podcast

one>remote

DAILY CONTROL WITH A BANG & OLUFSEN REMOTE

See *"Older Bang & Olufsen Remotes"* *when no* 🔘 *key is available on the remote.*

Daily Use	
RADIO	Power on the radio.
⬛●	Power off the radio.
0 – **9**	Select favorite
🔘 🔘	Double click to select

Select Source		
🔘 🟢		Internet Radio/ Podcast
🔘 🟠		DAB
🔘 🔴		Mediaplayer
🔘 🔵		FM
🔘 🟢 🟢		Spotify
🔘 🔵 🟢		Bluetooth

Maneuvering in Menus	
🟢	Mode *select source*
🟠 / 🔵	P+ / P-
🔴	Back
◀◀ ▶▶	Previous/ next page
MENU	Main menu/ back

Other Controls	
EXIT	List favorites.
🔘 **EXIT**	Add as a new favorite.
🔘 **MENU**	Info
🔘 **STOP**	Equalizer.

Playback Controls		
STOP		Play/ Pause
🔘	◀◀	Rewind
🔘	▶▶	Forward
🔘	▲	Next
🔘	▼	Previous

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GET STARTED – QUICK GUIDE

This OneRemote Radio PL4 receiver has been equipped with advanced OneRemote circuitry enabling it to be controlled with a Bang & Olufsen remote control terminal. The redesigned receiver is called OneRemote Radio PL4.

- Radio PL4 may be controlled with any Bang & Olufsen remote control terminal from 1988 or later.

- Radio PL4 can also be controlled via iPhones, iPods, iPads and Android telephones and tablets using the UNDOK app.

Connect Radio PL4 to a set of Bang & Olufsen BeoLab speakers with PowerLink sockets and Radio PL4 may be controlled immediately with a Bang and Olufsen remote.

Reception of Internet Radio or other streaming services require the Radio PL4 to be connected to Internet via a WiFi network or wired. See the Installation Guide.

Even though the Radio PL4 may be fully controlled with a Bang & Olufsen remote DO NOT miss trying the FREE smart phone app UNDOK.

Create a free account with Frontier and edit playlists online from a PC. Any change may be viewed immediately on all Radio PL4 units attached to the account.

FAVORITES

Add favorite stations to be selected quickly by pressing a single digit on the Bang & Olufsen remote.

30 each FM, 30 each DAB+ and 30 each Internet Radio or Podcasts stations may be added as favorite presets. Any preset may be changed at any time just by pressing one key on the Bang & Olufsen remote.

SELECT SERVICE

DAB RECEPTION

Turn on the Radio PL4 with **RADIO** , and it starts playing the source most recently played.

Go to DAB radio by pressing 😊

Choose a service in one of 4 ways:

1. Select a preset by pressing a digit **0** – **9**

2. Press **EXIT** to bring up a list of the presets to choose from.

3. Use ◢ / ◣ to shift between the programmed presets.

4. Press ▲ or ▼ to show a list of available DAB stations.

The quality of the antenna signal is shown in the lower part of the display.

FM RECEPTION

Turn on the Radio PL4 with `RADIO` , and it starts playing the source most recently played.

Go to FM radio by pressing 🔘 ◣

Choose a service in one of 4 ways:

1. Select a preset by pressing a digit `0` – `9`

2. Press `EXIT` to bring up a list of the presets to choose from.

3. Use ◢ / ◣ to shift between the programmed presets.

4. Press ▲ or ▼ to show a list of available FM stations.

INTERNET RADIO RECEPTION

Turn on the Radio PL4 with `RADIO` , and it starts playing the source most recently played.

Go to Internet Radio by pressing 🔘 ◣

Choose a service in one of 4 ways:

1. Select a preset by pressing a digit `0` – `9`

2. Press `EXIT` to bring up a list of the presets to choose from.

3. Use ◢ / ◣ to shift between the programmed presets.

4. Press ▲ or ▼ to show a list of the available lists of stations and Podcasts.

MUSIC PLAYER

Turn on the Radio PL4 with **RADIO** , and it starts playing the source most recently played.

Go to UPnP reception by pressing 🔘 ▰ .

Use ◄◄ , ►► , ▲ , ▼ and **MENU** to select shared music from a PC or another UPnP server. Example Windows Media-Player.

SPOTIFY CONNECT RECEPTION

Start Spotify on a smart phone, iPhone, iPad, MAC or PC as usual when using Spotify.

Press the logo 🔊 and select from the list the Radio PL4 in use. If the name has not been changed it shows as" HAMxxxx".
If more receivers are in use in the home, they have been re-named during the installation to more descriptive names. "Living Room, Kitchen, Bedroom etc".

Now Spotify connects directly to the Radio PL4 playing the selected music.

Go to www.spotify.com/connect for more info about Spotify.

BLUETOOTH RECEPTION

Turn on the Radio PL4 with **RADIO** , and it starts playing the source most recently played.

Go to Bluetooth by pressing ☺ ◣ ◣

The Bluetooth logo ✳ is blinking indicating that the Radio PL4 is waiting for a connection from a source. Turn on a Bluetooth source and pair it with the Radio PL4. The password is "0000". The ✳ stops blinking, when the pairing has been completed.

CONTROL THE RADIO PL4 VIA AN APP FOR SMARTPHONE, TABLET AND PC.

Tip: With more Radio PL4 units a Multi Room System is easily established, and different sources may be listened to in different rooms.

APPS FOR APPLE IOS, IPHONE, IPAD AND MAC.

The Radio PL4 can be fully controlled via WiFi with the app UNDOK for iPhones, iPads and MAC computers. The free UNDOK may be downloaded from the App Store.

With more Radio PL4 units in the home they can all be controlled via this app.

Start UNDOK and select the specific unit to be controlled. If the name is unchanged look for HAMxxx. With more Radio PL4 units installed they have been re-named during the initial installation.

Check www.frontier-silicon.com for more info about UNDOK.

APP FOR ANDROIDS

The Radio PL4 can be fully controlled via WiFi with the app UNDOK for Android smart phones, tablets and other devices. The free UNDOK may be downloaded from Google Play.

With more Radio PL4 units in the home they can all be controlled via this app.

Start UNDOK and select the specific unit to be controlled. If the name is unchanged look for HAMxxx. With more Radio PL4 units installed they have been re-named during the initial installation.

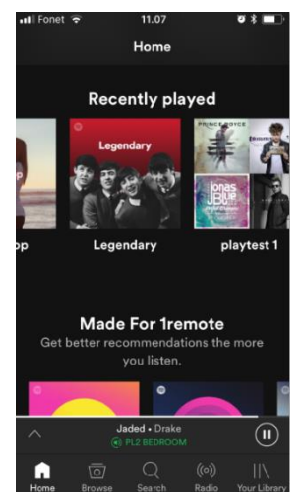Check www.frontier-silicon.com for more info about UNDOK.

SPOTIFY

Spotify is a streaming music service with almost all kinds of music that might be listened to via a PC, tablet or cell phone.

When selecting music, it may be directed to one or all Radio PL4 units in the home, no matter how the music was selected on a PC, tablet or cell phone.

When selecting Spotify music via the cell phone this particular phone may still be used for phone calls simultaneously or even turned off completely. The music still plays via the Radio PL4.

It is the ordinary Spotify app that is used for Radio PL4 streaming, not a special issue.

If no Spotify Connect account is available, a 30 day FREE account for testing may be created here: www.spotify.com/freetrial
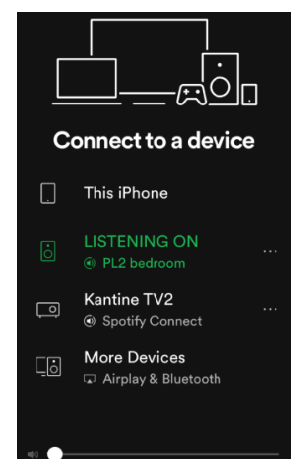
LISTEN TO MUSIC VIA SPOTIFY

Connect the Spotify control device, smart phone, tablet, PC or another device, to the same LAN as the OneRemote Radio PL4.

Start the Spotify app and select "Devices Available" and decide where to play the music.

The picture to the right shows a selectable OneRemote Radio PL4 named *Kitchen*.

SPOTIFY AUTOMATIC LOGON

If the OneRemote Radio PL4 is playing Internet Radio, Spotify or Music Player, the Spotify app may interrupt and play music.

If the OneRemote Radio PL4 is connected to WiFi in the "Keep connected" mode, Spotify can always take over, and it may even turn on the Radio PL4, if it is turned off.   Thus select Main Menu/System Setup/Internet Setup/Keep Connected and set "yes" for optimal Spotify control.
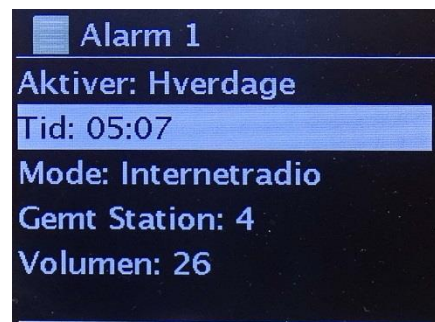
ALARMS

 The OneRemote Radio PL4 has 2 built in alarms, adjustable in many combinations. Possibly attractive with one setting for workdays and one for weekends.

Alarm can be selected as a buzzer or a DAB, FM or Internet Radio station at a reasonable sound level.

Setting alarms: GO   **6**
Snooze: GO   **8**

Alarm indications are shown in the bottom of the display.

SLEEP

The OneRemote Radio PL4 can be set to turn off after 15, 30, 45, 60 or 120 minutes.

Press   GO   **7** to enter setup. Then press   ▲ , ▼   repeatedly until the desired time period is displayed.

Deleting a set sleep interval follows the same procedure, until OFF is displayed.

ONLINE EDITING OF PERSONAL LISTS OF INTERNET RADIO STATIONS

Internet stations on one or more Radio PL4 receivers may be edited on www.wifiradio-frontier.com . Lists are easy to create and an overview of the thousands of available stations is favorable.

A FREE account may be created and "Access Code" for each Radio PL4 using the created lists added.

An Access Code is the Radio PL4 receivers ID or password.

With an account created personal lists "bookmarks", with own favorites may be created. With lists created or edited all changes are seen immediately on all the Radio PL4s registered to this particular account.

The Radio PL4's Access Code is found at **Internet Radio**, press ▲ and select **Help**. Select Get Access Code.

 4 each Radio PL4 receivers registered to the same account. Any change to this account is immediately seen on all 4 receivers.

OLDER BANG & OLUFSEN REMOTES

All Bang & Olufsen system remotes may be used to control the OneRemote Radio PL4.

Over the years Bang & Olufsen has marketed different models where keys have been added, removed or namechanged.

The good example is the old **PLAY** that was later called **GO** and finally turned into a small joystick.

If the remote **does not** have a **GO** key, press **PLAY** in stead.

DAILY CONTROL WITH AN OLDER BANG & OLUFSEN REMOTE

RADIO	Turns on the receiver on the recently played source
●	Turns off the receiver
GOTO	Show list of presets
PLAY **GOTO**	Save as a new preset
PLAY **PLAY**	Click twice to select
STORE	Select source
PLAY **STORE**	Previous menu
« **»**	Go to previous/ next page
PLAY **MENU**	Main menu or return to previous menu
0 - **9**	Select a preset
PLAY **1**	Internet Radio
PLAY **2**	DAB
PLAY **3**	Mediaplayer
PLAY **4**	FM