

















BeoLink Compatible
OneRemote DAB/ DAB+/ FM tuner
Type 300126121

Beo4 and BeoLink 1000 are remote control terminals from Bang & Olufsen. OneRemote supplies interface modules that allow third party equipment to be operated via a Bang & Olufsen remote control system.



Control with Beo4 and Beo5














 	Select
	DAB *1 FM *1
 	Menu
 	Sleep
  	Info Scan





The buttons , ,  and  are used for display maneuvering.

*1
Not all Bang & Olufsen equipment responds to this remote command. Use the alternative command.

























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

Control with Beolink 1000

 	Select
 	DAB
 	FM
 	Menu
 	Sleep
	Info
 	Scan

The buttons , ,  and  are used for display maneuvering.

Special Commands

 	DAB
 	FM
 	Select preset 1 *2
 	Select preset 2 *2
 	Select preset 3 *2
 	Select preset 4 *2
 	Select preset 5 *2
 	Select preset 6 *2
 	Select preset 7 *2
 	Select preset 8 *2
 	Select preset 9 *2
 	Select preset 10 *2

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Getting Started incl. Installation

This OneRemote DAB/FM tuner has been 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.

Direct Mode or CableLink Mode

The OneRemote DAB/FM tuner is always connected to Bang & Olufsen equipment with the 7-pin DIN cable, but through option programming it may be controlled as follows:

1. **Via the tuner's built in IR-receiver, "Direct Mode"**
Direct Mode is used when connection to an input with control data is not possible.
2. **Via the cable connected Bang & Olufsen equipment, "CableLink Mode"**
CableLink Mode is used when connection to an input with control data is possible.

See page 22 for **Option Programming**.

Factory Settings

The factory setting is for "Direct Mode".

The factory setting for input socket and selected source is:

- Beo4 og Beo5 **N.MUSIC, A.MEM2 or.TAPE2**
- Beolink 1000 **SHIFT A.TAPE**

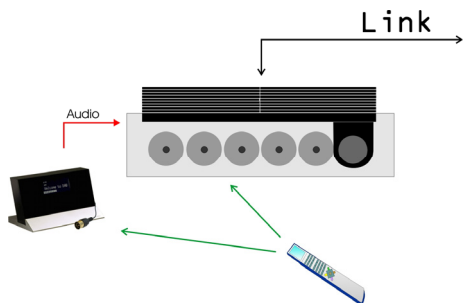
If the DAB/FM tuner is connected to a *different* input, the option should be programmed accordingly. See page 22 for **Option Programming**

Installation

- Select option and complete option programming, if required
- Connect the tuner to the correct input socket
- Connect power supply and antenna to the tuner
- Select the source on the remote control terminal

By selecting the correct source on the Bang & Olufsen remote control terminal, the DAB/FM tuner is automatically turned on.

Examples of Bang & Olufsen Set Ups

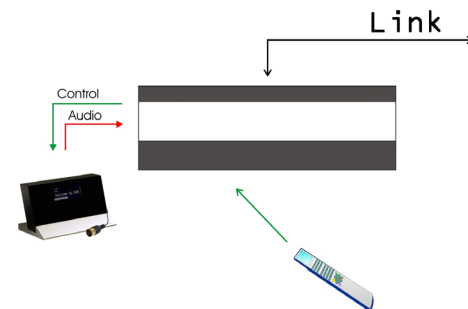


Set Up for Direct Control

The Bang & Olufsen remote terminal controls both the OneRemote DAB/FM tuner and the Bang & Olufsen audio equipment..

When selecting the tuner connected source with the Bang & Olufsen remote terminal the corresponding input socket is opened, and the tuner is turned on simultaneously.

The tuner can be listened to in any connected linkroom, but not controlled from there.



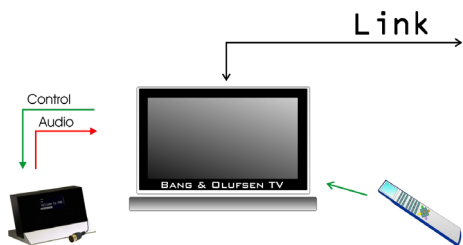
Set Up for CableLink Control

The Bang & Olufsen remote terminal controls the OneRemote DAB/FM tuner via the Bang & Olufsen audio equipment that is transmitting control data via the 7-pin DIN connection cable.

When selecting the tuner connected source with the Bang & Olufsen remote terminal the corresponding input socket is opened, control data transmitted via the connection cable and the tuner is turned on.

Control data is only available via some input sockets in various Bang & Olufsen audio equipment.

A OneRemote DAB/FM tuner connected via CableLink can be controlled from any connected linkroom.

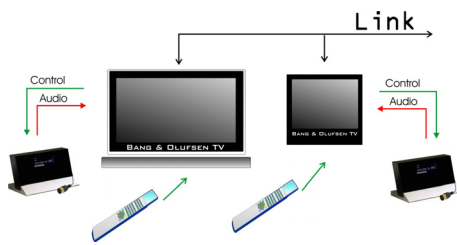


Set Up for CableLink Control

The OneRemote tuner is connected as an AV source to an AV input in a Bang & Olufsen TV.

When selecting the tuner connected source with the Bang & Olufsen remote terminal the corresponding AV input socket is opened, control data transmitted via the connection cable and the tuner is turned on.

A OneRemote DAB/FM tuner connected via CableLink can be controlled from any connected linkroom.



Set Up for Direct Control

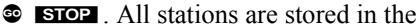
A OneRemote DAB/FM tuner may be connected to any TV, and with a tuner in each room individual program selection is possible.

DAB Station Scanning

An antenna has to be connected before starting station scanning and the tuner prepared for DAB reception by pressing





When initially turned on the tuner starts station scanning automatically. Start manual station scanning by pressing

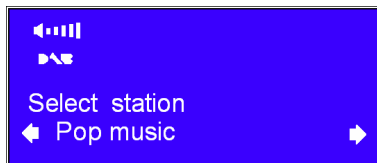
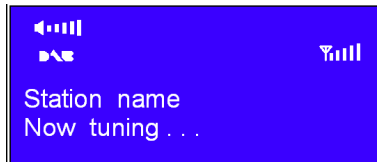


All stations are stored in the memory, but storing takes a few moments.

With the scanning completed the stations are listed alphabetically and the first station selected.

If no DAB station is found in your area you might have to relocate the tuner or connect to a different antenna. Alternatively you might check the DAB coverage in your area.

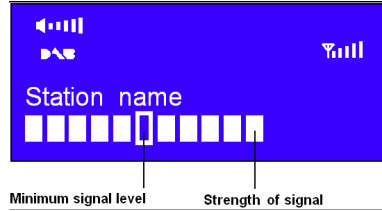
Press  and  to scroll through the stations and select one by pressing



DAB Signal Strength

Press **STOP** . The horizontal bar shows the signal strength for the station currently playing.

Stations with signal levels below minimum may not provide acceptable sound.



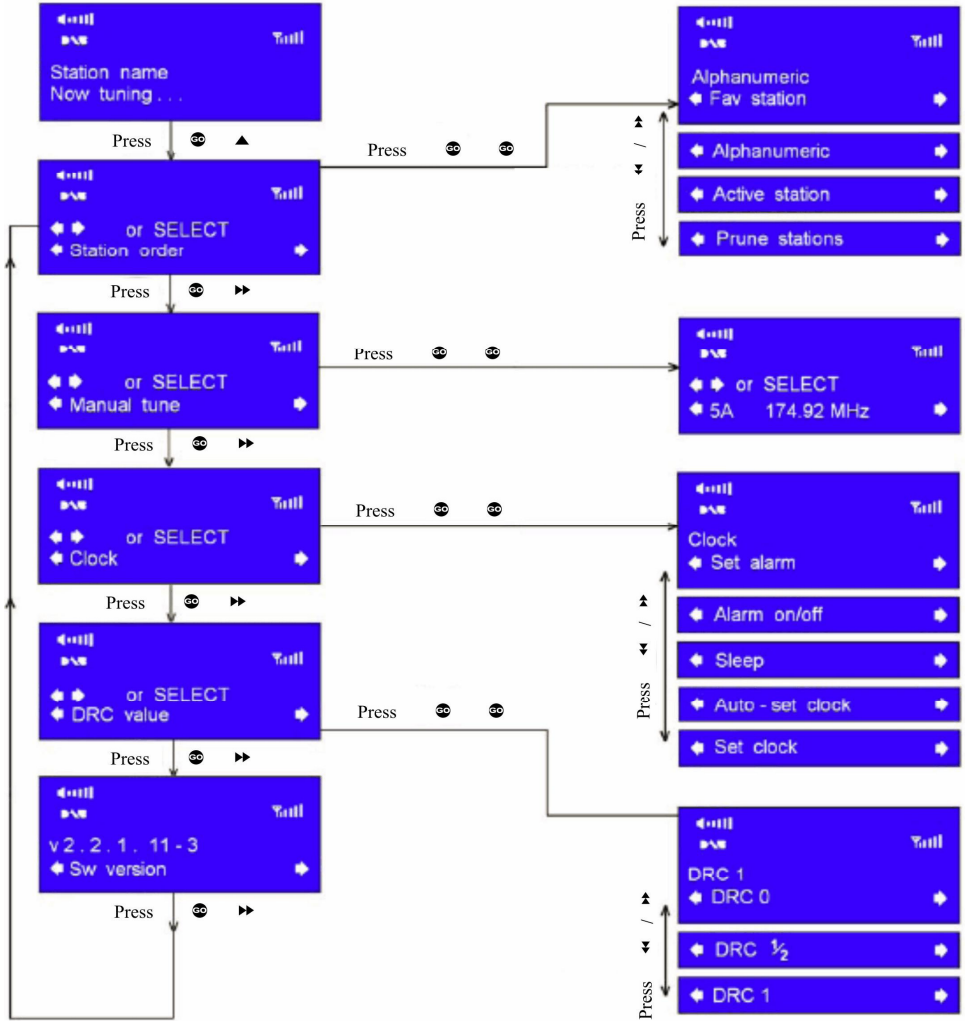
Press **STOP** to exit Signal Strength.

Finding and Adding New Stations

Press **⏪ STOP** to carry out a full scan.



DAB Menu Options



DAB Manual Tune

DAB stations may be tuned in manually.

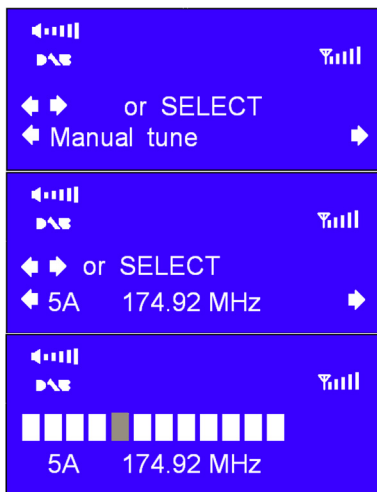
Press **GO** **▲** and then **◀ / ▶** until "Manual tune" is displayed.

Press **GO** **GO** to confirm. Channel number and the corresponding frequency are displayed:

Press **◀ / ▶** to go through the channels and press **GO** **GO** for selection.

If a multiplex corresponding to this channel and frequency exists a tuning bar with signal strength and the multiplex name will be displayed after a few seconds.

Press **GO** **GO** again to add the station to the list and exit Manual Tune.



DAB DRC (Dynamic Range Control)

The level of compression may be adjusted to eliminate the difference in dynamic range or sound level between the radio stations.

Press **GO** **▲** and then **◀ / ▶** until the DRC value is displayed

Press **GO** **GO** to confirm and then **◀ / ▶** to go through the DRC values.

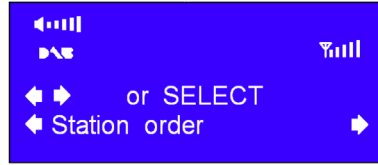
Press **GO** **GO** to select the value.



Change Station Order

Press **GO** **▲** and then **◀ / ▶** until "Station order" is displayed.

Press **GO** **GO** to confirm.



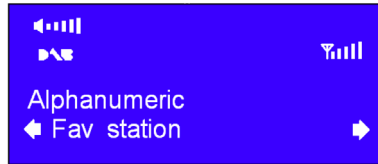
Select Station Order

The upper line of the display shows the current Station Order, here "Alphanumeric".

Select "Favourite station", "Alphanumeric", "Active station" or "Prune stations".

Press **◀ / ▶** to go through the options.

Press **GO** **GO** to confirm.



Station order

Fav station	List the most listened to stations in top of the listing.
Alphanumeric	List the stations in alphabetic order.
Active station	List active stations in top of the listing.
Prune stations	Remove inactive stations from the listing.

DAB Displayed Information

Press **STOP** to change the information displayed.

Dynamic Label Segment (DLS)

This is scrolling text information supplied by the DAB station or by the broadcaster.

Program Type (PTY)

This is a description of the type of program provided by the DAB station or by the broadcaster.

Multiplex Name

This is the name of the multiplex broadcasting the present program.

Time and Date

Time and date info provided by the broadcaster and thus very accurate.

Frequency

Channel number and transmission frequency are displayed.

Signal Information

Digital bit rate and signal mode are displayed

Signal Level

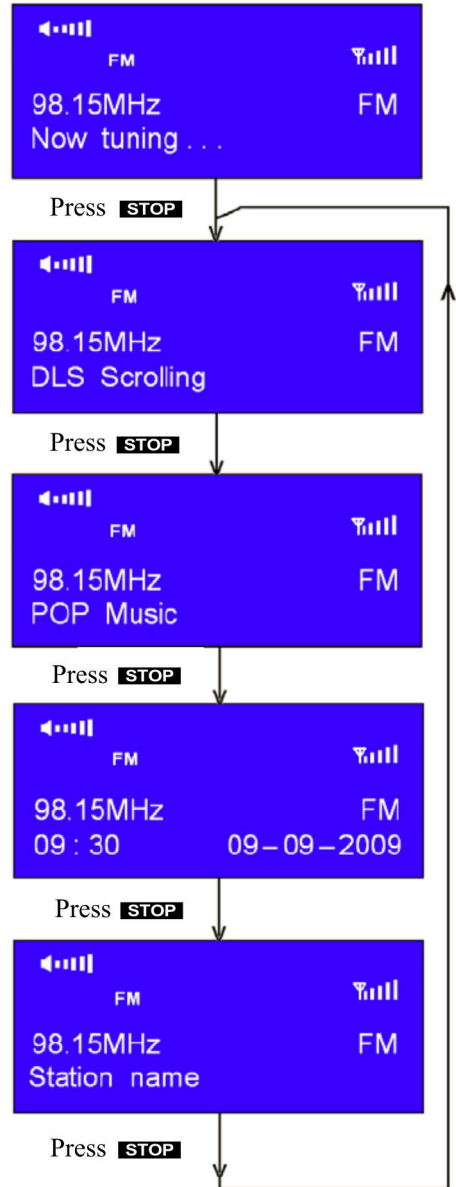
A signal level between 0 and 100 is displayed.

A value of 0 indicates a very poor signal.



Signal Strength

A signal bar indicates the strength.

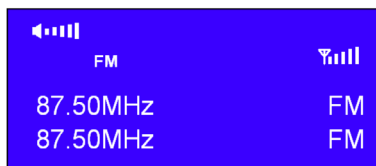
Press **STOP** to return to the top.






FM Getting Started

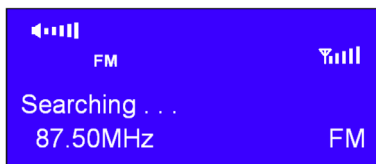
Turn on the tuner and press  


When turned on initially the tuner starts at the lowest FM frequency, 87.50 MHz. Otherwise it starts at the frequency that was listened to last.



Press  /  to increase or decrease the frequency

To initiate automatic searching for transmitting stations press  **STOP**.



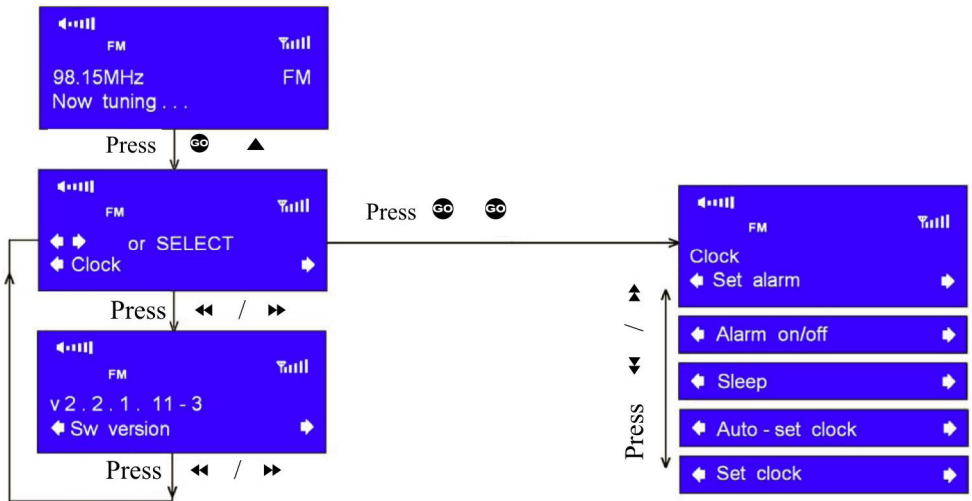
To find the next station press  **STOP**.

The tuner does not display the frequency change until the next station has been found.

Reaching the end of the frequency range searching starts from the top again.

Press **STOP** to display information from the radio station or broadcaster.

FM Menu Options



FM Displayed Information

To change the type of displayed information press **STOP** repeatedly, and the display goes through the following options:

Radio Text

This is scrolling text information supplied by the FM station. It may comprise information on music titles or program details and is provided by the broadcaster.

Program Type

This is a description of the type of program provided by the FM station.

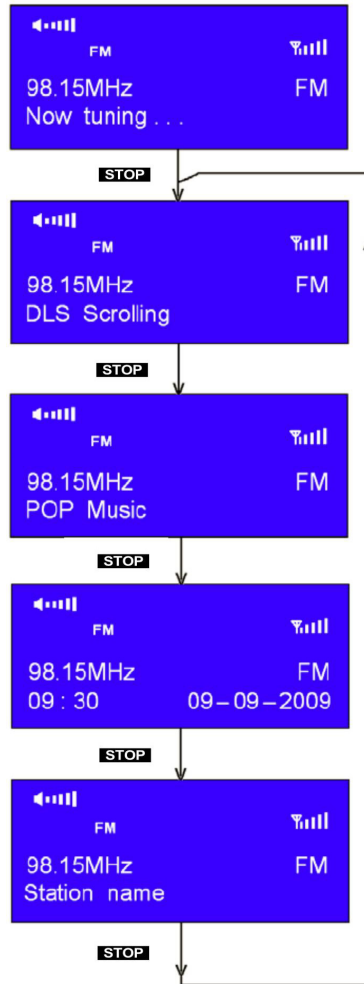
Time and Date

This displays the time and date and is provided by the broadcaster.

Station Name

This displays the name of the selected station.


Press **STOP** again to return to the first display.




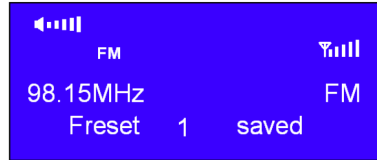
Common Operation

Setting Presets

The tuner can store 10 DAB and 10 FM stations.

Press  **0** to store the actual station as preset 0.

Press  **9** to store the actual station as preset 9 and so on.



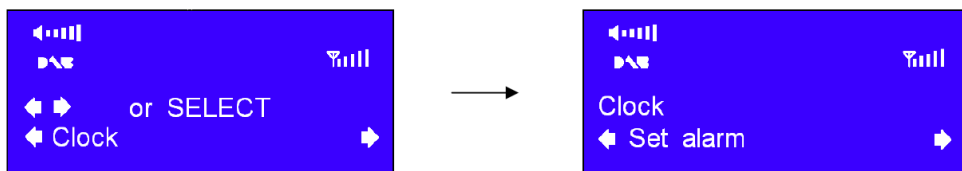
Select a Stored Station

Select DAB by pressing   or FM by pressing  .

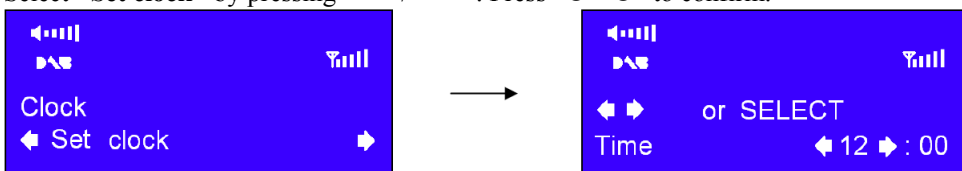
Then press the digit corresponding to the stored station's preset number.

Setting the Clock

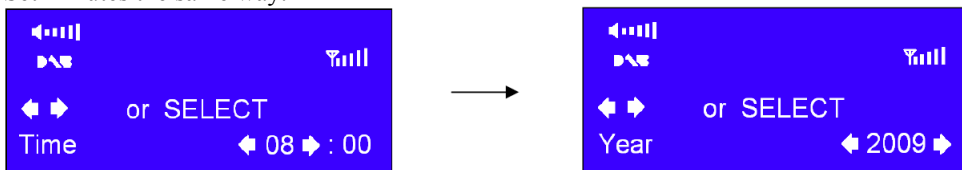
Press **GO** **▲** and select **<Clock>** by pressing **◀ / ▶** . Press **GO** **GO** to confirm.



Select **<Set clock>** by pressing **◀ / ▶** . Press **GO** **GO** to confirm.



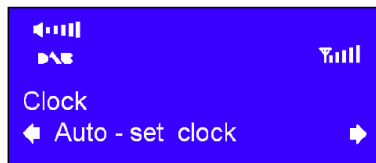
Set the hour by pressing **◀ / ▶** . Press **GO** **GO** to confirm.
Set minutes the same way.



Set the year the same way and at last **<Month>** and **<Day>**.

The time setting is displayed, when the tuner is turned off.

Automatic time setting **<auto-set clock>**
is possible by pressing **◀ / ▶**



Setting the Alarm

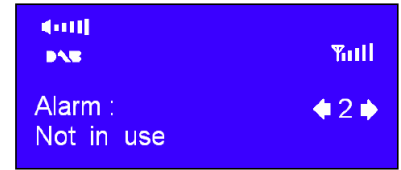
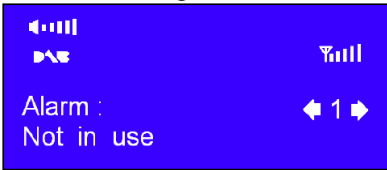
Note! **Clock** has to be set prior to setting the alarm.

Press **ESC** **▲** and then **◀ / ▶** until **<Clock>** is displayed.

Press **ESC** **ESC** to confirm.



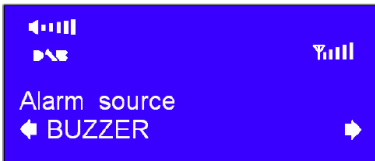
Press **ESC** **ESC** again and then **◀ / ▶** to select alarm 1 or alarm 2



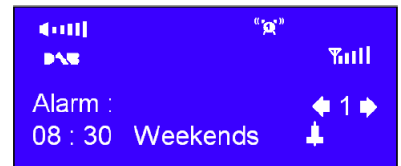
Press **ESC** **ESC** to confirm. Press **◀ / ▶** to set the alarm.



Press **ESC** **ESC** to confirm. Then press **◀ / ▶** to select the alarm source, 'DAB', 'Buzzer' or 'FM'.



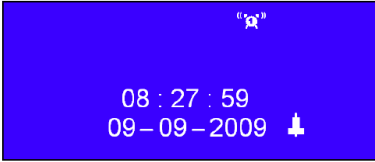
Press **ESC** **ESC** to confirm. Then press **◀ / ▶** to select the alarm date.



Press **ESC** **ESC** to confirm. The alarm icon is displayed now.

After setting the alarm the status is displayed for 3 seconds after which the display returns to the current station ID.

Stand by display:



When the alarm sounds press **ESC** **ESC** to snooze for 9 minutes or press any other button to deactivate the alarm completely.



To cancel an alarm the status has to be changed from "On" to "Off".

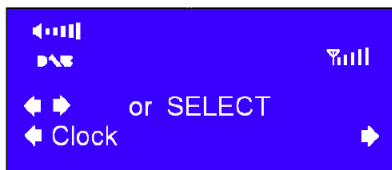




Note! The OneRemote DAB/FM tuner does not switch on/off the audio equipment required to hear any of the alarm sources.

Sleep Function



Press   and then  /  until **<Clock>** is displayed.

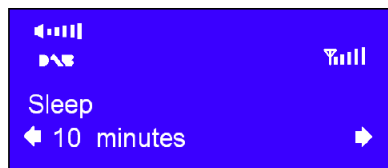
Press   to confirm.





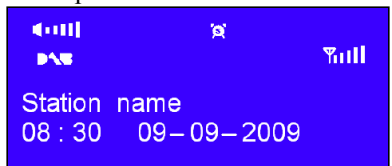
Press  /  until **<Sleep>** is displayed.

Press   to confirm.

Press  /  to set the sleep period between 0 and 60 minutes.



Press   to confirm the displayed period. The sleep icon is now displayed. After the elapsed time the tuner automatically switches to stand by.



Connection to Bang & Olufsen Equipment

This OneRemote DAB/FM tuner may be connected to **any** Bang & Olufsen BeoSound, BeoCenter, BeoMaster, BeoSystem or BeoVision TV and controlled with a Bang & Olufsen remote control terminal, but it may also be connected to equipment of any other brand and still be controlled with the Bang & Olufsen remote control terminal.

Through the years Bang & Olufsen equipment has had input sockets added, removed and renamed. A newer Bang & Olufsen remote control has the button N.MUSIC, which is identical to SHIFT A.TAPE or A.TAPE2 on older remotes.

Below tables is showing available input sockets and their designation on various Bang & Olufsen equipment. The tables below also show the source that has to be selected to open a given input.

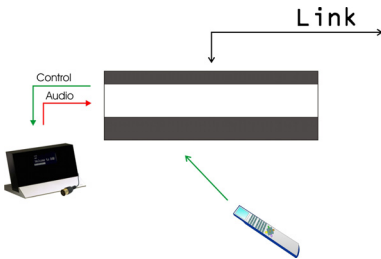
Thus with identified Bang & Olufsen equipment and the selected input socket the required option for the tuner to be operable may be determined. Some input sockets allow for the CableLink option to be selected, whereas most of the newer audio equipment requires the Direct Mode option to be used.

The Direct Mode Option:

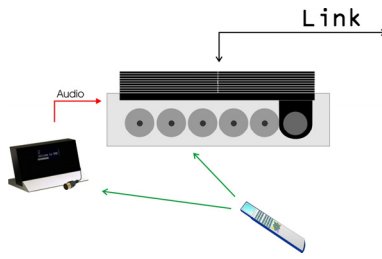
The tuner is controlled directly with the Bang & Olufsen remote control terminal. Control from a linkroom is not possible, although the tuner may be listened to there.

The CableLink Option:

The tuner is controlled with the Bang & Olufsen remote control terminal through the connected Bang & Olufsen equipment sending control data via the connection cable. The tuner may be controlled from any linkroom too.



The CableLink option allows for the tuner to be listened to and controlled from any linkroom.



The Direct Mode option allows for the tuner to be listened to but not controlled from any linkroom.

The Direct Mode option works in any Bang & Olufsen set up, but the tuner's IR receiver is not plasma safe.

Antenna Connection

The OneRemote DAB/FM tuner may be connected to any antenna picking up the FM and the DAB frequencies.

If the FM signal strength is not sufficient the reception will be noisy.

If the DAB signal strength is not sufficient the reception is varying from disturbing "bubbles" to complete quietness.

Option Programming

Option programming is required only, when installing the tuner. The programming is performed with a Bang & Olufsen remote control terminal by pressing a 5 button sequence within 4 seconds after powering up the tuner.

When powering up the tuner the red control lights up for 4 seconds, and the programming has to take place before the control turns off. If not successful the operation may be repeated.

Programming starts by pressing **STOP** and ends by pressing **RECORD**. All options have 3 digits to be entered in between.

Option 106 is entered like this:

STOP – 1 – 0 – 6 – RECORD

Source & Option Selection

The following tables show the available input sockets in various Bang & Olufsen audio and video products, how to select them using a remote control terminal and what the corresponding option program of the One Remote DAB/FM tuner should be.

The OneRemote DAB/ FM tuner has to be programmed with the right option to operate correctly. See page 21 and 22.

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoCenter 2	AUX-IN	A.AUX SHIFT RADIO	100	-	*2

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoSound 4	AUX	A.AUX SHIFT RADIO	100	-	*2

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoSound 1	AUX	A.AUX SHIFT RADIO	100	-	*3
	AUX	A.MEM, ATAPE	102	-	*3

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoSound Century	AUX	N.MUSIC A.MEM2 SHIFT ATAPE	103	-	*3
	AUX	N.RADIO PHONO	106	-	*3
	AUX	A.AUX SHIFT RADIO	100	-	*3

*1 Input with control data via cable

*2 RCA in/ out

*3 DIN in/ out

*4 No numeric data via cable. The Direct Mode option is recommended as an alternative.

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoSound 9000	AUX	A.AUX SHIFT RADIO	100	-	*3
	AUX	A.MEM ATAPE	102	-	*3

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoSound 3000 BeoSound 3200	AUX	A.AUX SHIFT RADIO	100	-	*3
	AUX	A.MEM ATAPE	102	-	*3
	AUX	N.MUSIC A.MEM2 SHIFT ATAPE	103	-	*3
	AUX	N.RADIO PHONO	106	-	*3

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoSound Overture	AUX	N.MUSIC A.MEM2 SHIFT ATAPE	103	302	*1 *4
	AUX	N.RADIO PHONO	106	206	*1 *4
	AUX	A.AUX SHIFT RADIO	100	-	*1 *4

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoSystem 2500	AUX	A.AUX SHIFT RADIO	100	-	*1 *4
	AUX	N.MUSIC A.MEM2 SHIFT ATAPE	103	302	*1 *4
	AUX	N.RADIO PHONO	106	206	*1 *4

*1 Input with control data via cable

*2 RCA in/ out

*3 DIN in/ out

*4 No numeric data via cable. The Direct Mode option is recommended as an alternative.

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoCenter 2300	AUX	A.AUX SHIFT RADIO	100	-	*1 *4
	AUX	A.MEM ATAPE	102	302	*1 *4
	AUX	N.MUSIC A.MEM2 SHIFT ATAPE	103	302	*1 *4
	AUX	N.RADIO PHONO	106	206	*1 *4
	AUX	V.TAPE V.MEM	110	-	*5
	AUX	DTV – SAT	116	-	*5
	AUX	DVD	114	-	*5

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoMaster 3500 BeoMaster 4500 BeoMaster 6500 BeoMaster 7000	TP1	A.MEM ATAPE	102	302	*1
	CD	CD	104	204	*1
	TP2	N.MUSIC A.MEM2 SHIFT ATAPE	103	302	*1
	PHONO	N.RADIO PHONO	106	206	*1
	AUX	A.AUX	100	-	

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoMaster 3300 BeoMaster 5500	TP	A.MEM A.TAPE	102	302	*1 *4
	CD	CD	104	204	*1 *4

*1 Input with control data via cable

*2 RCA in/ out

*3 DIN in/ out

*4 No numeric data via cable. The Direct Mode option is recommended as an alternative.

*5 Audiomaster in option2

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoCenter 8000	TAPE2	N.MUSIC A.MEM2 SHIFT A.TAPE	103	302	*1 *4

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoCenter 8500 BeoCenter 9000 BeoCenter 9500	TAPE2	N.MUSIC A.MEM2 SHIFT A.TAPE	103	302	*1 *4
	AUX	A.AUX	100	-	

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoCenter 9300	PHONO	N.RADIO PHONO	106	206	*1 *4
	TAPE2	N.MUSIC A.MEM2 SHIFT A.TAPE	103	302	*1 *4
	AUX	A.AUX	100	-	

*1 Input with control data via cable

*2 RCA in/ out

*3 DIN in/ out

*4 No numeric data via cable. The Direct Mode option is recommended as an alternative.

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
LX 2502 LX 2802 L4500 LS 4500 LX 4500 L5000 LS 5000 LX 5000 L5500 LS 5500 LX 5500 L6000 LS 6000 LX 6000 LE 6000 MX 1500 MX 3000 MX 3500 MX 4000 MX 4002 MX 4500 MX 5000 MX 5500 ME 6000 MS 6000 MX 6000 MX 7000 MX 4200 MX 8000 AVANT all models All newer TV-models may be connected via the AV input sockets too.....	Scart	V.MEM	110	410	*9
	AV1	V.TAPE			
	AV2	V.MEM2	110	410	*9
	V.TAPE2			
		SHIFT V.TAPE			
	Not decoder Socket.	DTV	116	416	*9
		SAT			
		V.AUX	112	412	*9
		DVD	114	414	*9

**9 connection to an AV input on the TV using the OneRemote Adaptor, type 39207496.*

Check the TV user guide for setting up the AV inputs.



one>remote

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