










Beocompatible Functions
OneRemote Interface Type 4376

WD TV Live







Beo4 and Beo5 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.












Daily Use

	Power on/ off
	Option
	Enter
	Home
	Back
	Next
	Previous

Record & Playback Operations

		Play / Pause <i>press 1 sec.</i>
		Stop
		Rew/ FF
		Next/ Previous

Other Operations

		Play/ pause <i>alternative</i>
		Search
		Option <i>alternative</i>
		Back
		Eject

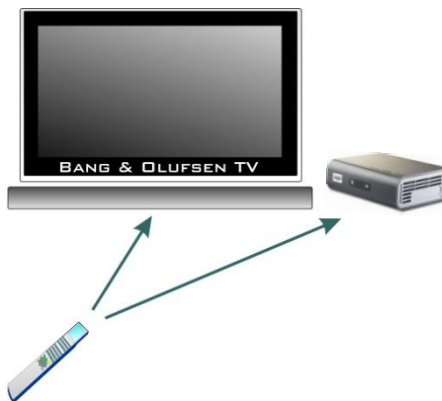
Congratulations

With the OneRemote RMB4 interface module from www.one_remote.dk installed inside your B&O Beo4 remote control terminal you can use it to operate your Set Top Box (STB) directly.

This particular controller is for use in a setup where the Set Top Box is connected to a Bang & Olufsen TV. (*Other OneRemote solutions are available for setups not including a Bang & Olufsen TV.*)

The modified Beo4 remote control is simply operating as the STB's original remote, once a specific source has been selected for the TV.

This OneRemote solution offers full operation of your STB with a Beo4 remote control, and this user guide tells you how.



A OneRemote RMB4 Operated Set Top Box.

Depending on the STB and the B&O TV they are connected using HDMI, Scart, RCA, SPDIF or other cables. Refer to the user guides for both the TV and the Set Top Box to find the appropriate connection.

If the TV is part of a Beolink system, the Set Top Box may be operated from a linkroom, as any original B&O peripheral equipment would be.

How it works

The OneRemote RMB4 solution is straight forward, once the installation has been completed. See the following pages regarding installation.

As an example you might want to use the DTV button on your Beo4 for switching it to control your STB, connected to the 'DVD' socket on your TV.

When pressing **DTV** on your Beo4, it sends a **DVD** command to the TV. The TV is then opening the socket to which the STB is connected. Simultaneously the Beo4 is shifting from transmitting B&O commands to transmitting commands that directly operate the STB.

The buttons on the Beo4 will continue to operate the STB, until another source selection button is pressed.




Refer to below section about "Option Programming" on how to program which sources on the Beo4 and the TV that you want to use.

Operating with OneRemote – *The OneRemote Environment.*

To get maximum benefit of the OneRemote solution you have to be familiar with the operations of the original remote control as described in the STB's user guide.

A Beo4 remote control is not equipped with as many keys as a STB's original remote control. Therefore OneRemote has designed an operating philosophy based on a "dual layer layout" involving shift buttons that is maintained, even when controlling different devices. To have a common layout for several devices, a few of the Beo4 buttons had to be redefined to other control functions:



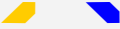
Coloured Buttons.

To enable direct one button control of some important functions the STB's coloured buttons operations were moved to a lower layer. To send a 'red' button command a  on the Beo4 must be pressed **before** the red button itself. Pressing   therefore sends the command that corresponds to the STB's red function button. The same thing goes for the other 3 coloured buttons.

This way other functions can be assigned to the coloured buttons when pressed directly.

In a OneRemote environment the coloured buttons have typically been reassigned to the

important functions shown below. This makes operation of different STBs, televisions or other equipment very smooth.

	Guide, EPG, Home or similar.
	Back, Backup, Return or similar.
	Programme zapping. P+/ P- , Channel up/ down or CH+/ CH-.

Programme Zapping and Up/ Down Manoeuvring in Menus.

Most STBs or TVs have remote controls with 4 separate arrow buttons for manoeuvring in on-screen menus. In addition they have 2 separate programme stepping buttons for zapping through programmes and on-screen listings. B&O remote controls do not have these extra buttons for programme zapping.

Thus a OneRemote solution is designed to use the blue and the yellow Beo4 buttons to operate programme stepping as mentioned above. This usage of the coloured buttons works really great, especially when more STBs or TVs are a part of the same setup.

At a first glance B&O users might oppose this solution, as all Bang & Olufsen equipment is using the ▲ ▼ arrows for programme zapping, but this solution should be tried out before jumping to the Zap Mode Option mentioned below.

Ⓞ and RECORD Shifted Operation.

A Beo4 remote control is not equipped with as many keys as remote controls used by most STBs. Therefore OneRemote has reserved 2 buttons for shifting and thus added extra functions to the buttons on the modified Beo4.


This way some of the buttons get 2 or 3 functions. To get to these they have to be preceded with Ⓞ or RECORD. The buttons that have been assigned secondary functions on this controller can be seen in the operating table on page 2.

Option Programming

The OneRemote controller inside your Beo4 can be programmed with different options, to make it fit different setups. One or more options might need to be set to fit your application.





An option programming is carried out by pressing a series of buttons in a sequence that does not occur during daily use. The programming must be ended within 5 seconds.

An ongoing programming sequence can be cancelled by pressing **STOP**.





All option programming is initiated by pressing **EXIT**  **RECORD** followed by the actual option.

Beo4 Source Selection Option

This option is used to determine which source button on the Beo4 enables operation of the Set Top Box.

EXIT		RECORD	TV	1
EXIT		RECORD	VTAPE	1
EXIT		RECORD	VMEM	1
EXIT		RECORD	SAT	1





The **TV** button enables control of the Set Top Box.
The **VTAPE** button enables control of the Set Top Box.
The **VMEM** button enables control of the Set Top Box.
The **SAT** button enables control of the Set Top Box.

EXIT		RECORD	DTV	1
EXIT		RECORD	DVD	1
EXIT		RECORD	VAUX	1
EXIT		RECORD	PC	1

The **DTV** button enables control of the Set Top Box.
The **DVD** button enables control of the Set Top Box.
The **VAUX** button enables control of the Set Top Box.
The **PC** button enables control of the Set Top Box.

B&O TV Source Selection Option

This option is used to set the source on the B&O TV that is accessed, when the Set Top Box is being selected.

EXIT		RECORD	VTAPE	2
EXIT		RECORD	VMEM	2
EXIT		RECORD	SAT	2
EXIT		RECORD	DTV	2

The **VTAPE** source is accessed on the B&O TV.
The **VMEM** source is accessed on the B&O TV.
The **SAT** source is accessed on the B&O TV.
The **DTV** source is accessed on the B&O TV.

EXIT		RECORD	DVD	2
EXIT		RECORD	VAUX	2
EXIT		RECORD	PC	2

The **DVD** source is accessed on the B&O TV.
The **VAUX** source is accessed on the B&O TV.
The **PC** source is accessed on the B&O TV.

Disable OneRemote Controller Option

The OneRemote controller in the modified Beo4 remote control can be enabled and disabled using this option. When disabled the Beo4 remote control operates as an original Beo4.

EXIT	GO	RECORD	2	0
EXIT	GO	RECORD	2	1

Disables the OneRemote controller.

Enables the OneRemote controller. Factory setting.

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