



**OneRemote RMB4
Converter for Beo4**

Type 35104404

Operates



LG TV

All models

2012 models and earlier

User Manual

List of Contents

Getting Started.....	page	2
The OneRemote Converter for Beo4	page	3
Controlling with OneRemote.	page	4
Coloured Function Keys.	page	4
Go, Joystick or Stop Shifted Operation.	page	4
Control Table for Beo4 with a  Key or Beo4 Navi in mode 2.	page	5
Control Table for Beo4 without a  Key. Beo4 Navi in mode 1 or 3.	page	6
Programme Stepping, Up/ Down Manoeuvring in menus.	page	7
Setting the Zap Mode Option	page	7
Setting the OneRemote Volume Option.	page	8


Getting Started

With the OneRemote converter installed in your Bang & Olufsen Beo4 remote control terminal you may control your LG TV with this terminal. This guide explains how.

Basically there are two types of Beo4. OneRemote operation of your TV depends on the Beo4 model and mode it has been set to.

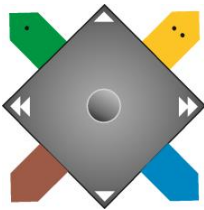


Previous Beo4 model. Sold until 2010.

The center button is  that simply sends the **PLAY** command used previously.

If your OneRemote modified Beo4 is of this type.

Refer to the translation table on page 5 how to operate your LG TV with this Beo4.



Beo4 Navi model. Sold from 2010.

The center button is changed to a joystick type button that can be pushed forward, backwards and to the sides. This adds new operation possibilities.

Mode 1 &3

To make use of these new buttons, the Beo4 must be set in mode 1 or 3. Refer to the Beo4 user manual of how to.

Refer to the translation table on page 6 how to operate your LG TV with this Beo4 in mode 1 or 3.

Mode 2

If the Beo4 Navi is in its default mode 2, it will operate as previous models.

Refer to the translation table on page 5 how to operate your LG TV with this Beo4 in mode 2.

If the OneRemote converter has not yet been optimized for your setup, you might want to refer to the installation section below about the initial setup and option programming. No programming is needed during everyday use.

The OneRemote converter installed in your Beo4 remote control may be used in any Beo4 generation, in the Beo4 Navi with extra functionality.

To get the most of your modified Beo4 the OneRemote converter must be programmed according to the Beo4 model and the equipment setup that your TV is a part of. Refer to page 5 and onwards for the initial programming.

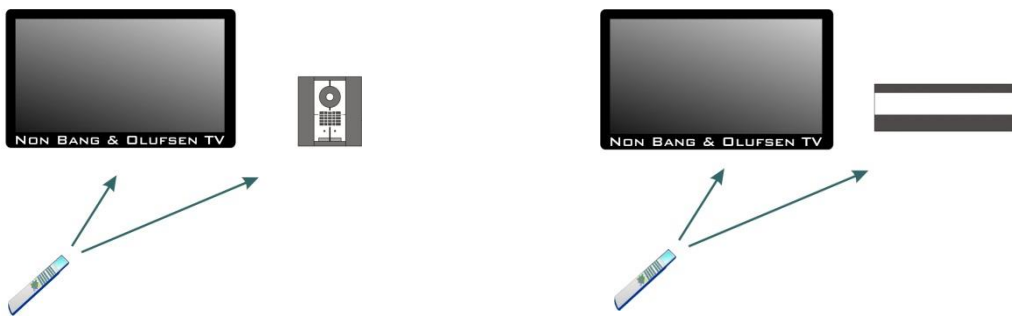
The OneRemote Converter for the Beo4 Remote Control

The OneRemote converter is a small microcomputer module specifically designed to be installed in a Bang & Olufsen Beo4 remote control terminal.

The microcomputer is converting commands meant for Bang & Olufsen equipment to commands for third party equipment of various types.

Each OneRemote converter type is programmed to control a specific product like an Apple iPod docking station, a flat panel TV, a curtain controller etc.

The converter enables the Beo4 to control a third party device, while still being able to control any other Bang & Olufsen product.



With a Bang & Olufsen audio master in the room it may be used for handling the TV sound. Speakers connected to an audio master are usually of a much better quality than the speakers in a flat panel TV. In a B&O link room setup with BeoLink Active you may also use the active speakers to improve sound from most TVs.

*Only a simple audio cable is needed between the TV and the audio master. See the option programming section about **AAUX** and **PC** modes on page 9.*

Controlling with OneRemote

Controlling a non-B&O TV using the OneRemote RMB4 modified Beo4 requires the user to be familiar with the original remote control as described in the TV's user manual.



A Beo4 remote control is not equipped with as many keys as found in most other remotes. But by combining specific key entries on the OneRemote RMB4 a suitable control layout has been developed.

The Beo4 Navi model introduces new keys, making it easier to create a control layout closer to the TV's original one. Thus there are two different control layouts for the OneRemote modified Beo4. The OneRemote converter will automatically detect when it is operating in a Beo4 Navi in mode 1 or 3, and switch operating table.

Coloured Function Keys



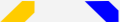
- when Beo4 is **NOT** in mode 1 or 3 (Navi)

If the Beo4 is not a Navi in mode 1 or 3, there is less buttons to operate with.

To ease the access to more important control functions the control priority for the coloured function keys has been changed to a lower level, i.e. a level where one command requires dual successive key entries. Thus an original "colour" command requires the  key to be pressed prior to the coloured key itself. The key has been "shifted" with a .



This change of priority is used in all modified Beo4 except for the Beo4 Navi, where it is not necessary.

New functions have been assigned to the coloured keys in the direct mode. Most often as follows:

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

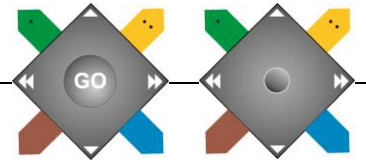
*When in Beo4 Navi mode, the coloured keys are not shifted.
Refer to the conversion tables on page 5 and 6.*

GO, Joystick or STOP Shifted Controls

Some of the OneRemote RMB4 keys are found in two or three control sequences and shifted by pressing a ,  or **STOP** key prior to the key itself.

Keys that have been assigned secondary functions are listed in the control tables on page 7 and 8.

Control Table for Beo4 with a  Key
or Beo4 Navi in mode 2.







In Mode2

Everyday Control

TV Selects the LG TV
TV TV Turns ON/ OFF the LG TV

VMEM / VTAPE AV – sources


  OK

 *1*2 Prog +
 *1*2 Prog -
 *1*2 Guide
 *1*2 Back/ return

MENU Settings
 **MENU** Q.menu

 **1** FAV
 **2** List
 **3** Radio/ TV

*1 The up/ down arrow controls may be exchanged with the blue and yellow keys. See page 6.

*2 As the direct function of the coloured function keys has been assigned to other functions, these have to be preceded with a  to retrieve the actual coloured function.

  Green function
  Yellow function
  Red function
  Blue function

Text TV Control

TEXT Text TV On/ Mix
TV Text TV Off

Playback Controls






 Play *press 1 sec.*
 **0** Play

STOP STOP Stop
 **STOP** Pause

 **<< / >>** Rew/ FF



 **8** Record

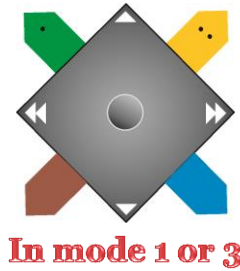
Special Controls


 **4** Info
 **5** Home
 **6** My Apps
 **7** Text options
 **9** 3D

STOP EXIT Ratio
EXIT Exit
 **EXIT** APP




Control Table for Beo4 with a Joystick type without a  Key and in mode 1 or 3


This table shows the converted keys for a OneRemote RMB4 converter installed in a Beo4 Navi type remote control. Beo4 Navi has a joystick () instead of the  key. This joystick adds 8 extra control possibilities, as it can be moved forward, backwards and to the sides.



In the table these functions are shown like this: 




















Joystick operations:








-  Pressing the Joystick down once.
-  Pressing the Joystick down twice.
-  Pushing the Joystick upwards.





If your Beo4 has a  key, refer to the table on page 5.



*If your Beo4 is a Navi type that has **not** been enabled (mode2), refer to the table on page 5.*

Everyday Control


	Selects the LG TV
 	Turns ON/ OFF the LG TV
 / 	AV – sources
 	OK
 	Program + / -
 	Guide
 	Home
 	FAV
 	List
 	Radio/ TV

	Return - <i>short press.</i>
	Exit - <i>long press</i>
 	Exit
	Settings
 	Q.menu











-  Yellow key
-  Blue key
-  Green key
-  Red key

  *Navi keys are used for manoeuvring in on-screen menus.*
















Text TV Control

	Text TV On/Mix
	Text TV Off

Playback Controls



	Play
 	Stop
 	Pause
  / 	Rew/ FF
 	Record

Special Controls






 	Info
 	Home
 	My Apps
 	Text Options
 	3D
 	Ratio
	Exit
 	APP

Programme Stepping, Up/ Down Manoeuvring in Menus.
- when Beo4 is NOT in mode 1 or 3 (Navi)





Most set top boxes and TVs have 4 arrow keys for manoeuvring in on-screen menus, up, down, left and right. In addition to these keys they are also equipped with separate programme stepping keys for zapping through the programmes. Often these keys are named P+, P-, CH+ or CH-. This is also the case for a LG TV.

OneRemote convertes often use the  and the  keys for programme zapping. This way the four up, down, left and right keys are free for manoeuvring in on-screen menus.

Setting the Zap Mode Option
- when Beo4 is NOT in mode 1 or 3 (Navi)

If the OneRemote converter is installed in a Beo4 with a  key, the keys  and  are used for programme stepping. The  and  keys are used to manoeuvre up and down in on-screen menus. This is the default factory setting, as described above.

If you prefer this control layout changed enter the options listed below.

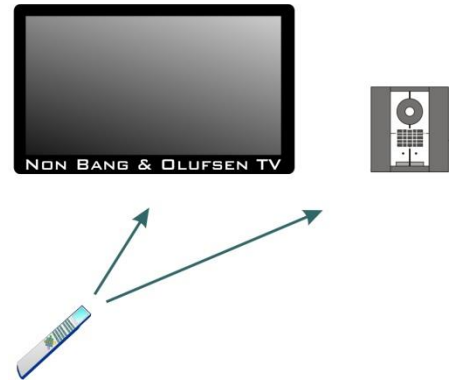
<p>Selecting the Zap Mode Keys: <i>Enter one of these 2 option sequences within 10 seconds to set the preferred Programme Zap mode keys.</i></p>	
<p>LIGHT MENU STOP 9 0 ●</p>	<p>The  and  keys are used for programme zapping.</p>
<p>LIGHT MENU STOP 9 1 ●</p>	<p>The  &  keys are used for programme zapping.</p>

Setting the OneRemote Volume Option

When the **TV** key is pressed, the Beo4 shifts to operate the LG TV directly.

If a Bang & Olufsen audio master is in the room, it is possible to use it for handling the sound. Below options determine how the One Remote RMB4 handles volume in the TV mode.

This option also allows for the power up other B&O devices than the TV, when **TV** is selected. The audio signal from the TV is wired to the audio master using a Line to Datalink cable. Moving the TV sound to the speakers of the audio master improves the sound quality significantly.



Volume Options <i>Enter one of these option sequences within 10 seconds:</i>	Sound Destination <i>Alternative speakers.</i>	Volume Control <i>Volume data format emitted from Beo4.</i>
LIGHT MENU STOP 0 0 ●	Volume disabled	No volume control
LIGHT MENU STOP 0 1 ●	The LG TV	LG format
LIGHT MENU STOP 0 2 ●	AAUX *1	AAUX in B&O format
LIGHT MENU STOP 0 3 ●	PC *2	PC in B&O format

*1 When **TV** is pressed the Beo4 shift mode to operate the TV. At the same time the Beo4 sends a **AAUX** command to a Bang & Olufsen audio master. Until another source is selected, volume commands will be directed to the B&O audio master.

*2 When **TV** is pressed the Beo4 shift mode to operate the TV. At the same the Beo4 sends a **PC** command to a Bang & Olufsen system. Until another source is selected, volume commands will be directed to the B&O system. Via a BeoLink Active sound may be moved from the TV to PowerLink speakers.