OneRemote DVB-C III

Cable TV Receiver for use with Bang & Olufsen TV

User Guide

Control with Bang & Olufsen Remotes

one⟩remote

Daily Control with Beo4, Beo5, Beo6

Key		Function
🔘 GO	🔘 GO	OK
🟢	*1	EPG
🔴	*1	Previous channel
🟡	*1*2	P+, Channel +
🔵	*1*2	P-, Channel -
EXIT		Exit

Recording and Play Back from connected USB-storage unit

Key			Function
GO			Play/pause *press 1 sec*
GO	0		Play/ pause *alternative*
STOP	STOP		Stop play back
GO	STOP		Pause
GO	◀◀	▶▶	Forward and rewind
GO	▲	▼	Previous and next chapter
GO	8		Start recording

Time Shift – *if USB-storage device is connected*

Key		Function
GO	STOP	Pause live broadcast
GO	STOP	Resume

Other Functions

Key		Function
GO	1	TV/ radio
GO	2	Lists of favorites
GO	4	Text TV *in the receiver*
GO	6	Info
◀◀		Vol - *See page 11, auto standby.*
▶▶		Vol + *See page 11, auto standby.*
MENU		Menu

1 The colored keys have been reprogrammed. Thus to achieve the original function of each colored key press GO prior to pressing the key.

GO	🟢	*Green. Sleep.*
GO	🔴	*Red. Mosaics.*
GO	🟡	*Yellow. Sound.*
GO	🔵	*Green. List.*

2 Program stepping may be moved to arrows up and down by entering an option, see page 5.

Special or alternative Functions

Key		Function
GO	5	Menu *alternative*
GO	7	Sound
GO	9	Power *manually*
GO	EXIT	AV
STOP	1	Previous program
STOP	2	Zoom
STOP	3	Picture size

Contents

GET STARTED – QUICK GUIDE

Advanced OneRemote circuitry has been added to this receiver, OneRemote DVB-C III, enabling it to be part of a remotely controlled Bang & Olufsen system. Complete control is obtained with a Bang & Olufsen remote control terminal.

OneRemote DVB-C III may be connected to any Bang & Olufsen system and controlled by Bang & Olufsen remotes.

When switching on the DVB-C III with a Bang & Olufsen remote the Bang & Olufsen system is switched on too and the input with the DVB-C III automatically selected.

INSTALLATION

The OneRemote DVB-C III receiver installation is plug and play, i.e. when it is correctly connected to the mains, the cable antenna outlet and the Bang & Olufsen TV, it is ready to use.

The TV connects via a standard AV-cable, SCART, to one of the TV's input sockets.

It is required that the scart input socket carries linkdata and the TV may require setup programming as described in its user guide.

If the AV socket on the Bang & Olufsen TV can be set up as DVD, VMEM, VAUX, SAT, VTAPE or DTV, it carries link data.
Set up as 'Decoder' no link data is carried, and therefore not possible.

Read about the details in the TV's user guide.

The OneRemote DVB-C III is powered up when selecting its input on the TV, and no further programming is required, except for the initial channel scan started via the menu system.

Certain special functions may be adjusted via selected options. See OPTION PROGRAMMING.

ONEREMOTE'S INT CONVERTER SYSTEM

OneRemote products that may be controlled via a standard Bang & Olufsen remote control terminal either directly or via a Bang & Olufsen product, all have a OneRemote INT converter built in.

When a scart AV input is selected on a Bang & Olufsen TV, the TV transmits control data to the device connected to this input socket.

The built in OneRemote INT converter translates the control info to acceptable commands for the connected device.

Thus, the OneRemote DVB-C III can only be used when connected to a Bang & Olufsen TV.

If the Bang & Olufsen TV has an HDMI or a DVI input socket, it is advantageous to connect the OneRemote DVB-C III via a HDMI cable too to get digital picture quality. The remaining scart cable carries data, sound and analog picture and the HDMI/DVI cable picture and digital sound.

Read more about HDMI or DVI connections in the TV's user guide.

When the OneRemote DVB-C III receiver is part of a Bang & Olufsen link system with main room and one or more link rooms, complete control of the receiver is possible from any link room. Read about the link room programming in the TV's user guide.

OPTION PROGRAMMING

Several different options allow for the OneRemote INT converter to carry out various functions. Option programming is normally performed at the initial installation and is not a daily event. One or more options may be entered. The options are remembered even after power failure.

An option is entered with the remote control by keying in 8 keystrokes, in a combination that is not existing in normal use. Each keystroke shall be entered within a 3 second interval from the previous one, or the activity is ignored.

MENU KEY OPTION

The MENU key on a Bang & Olufsen remote may be used directly as a menu key for DVB-C III, but it might be conflicting with the TV's menu in some cases.

Thus, the MENU key can be de-activated for DVB-C III via this option. The alternative key operation is found on page 1.

| 0 | STOP | STOP | STOP | STOP | STOP | 8 | 0 | MENU key de-activated |
| 0 | STOP | STOP | STOP | STOP | STOP | 8 | 1 | MENU key activated |

STAND BY OPTION

The OneRemote DVB-C III is normally turned off with the TV, but in some cases this procedure is not advantageous. An HDD recorder might be running using the signal from the receiver.

The stand by option allows for de-activation of automatic shut off.

The DVB-C III is ALWAYS turned on when its connected input is selected.

| 0 | STOP | STOP | STOP | STOP | STOP | 7 | 0 | AUTO STD BY, de-activated |
| 0 | STOP | STOP | STOP | STOP | STOP | 7 | 1 | AUTO STD BY, activated |

CONNECTIONS, ANTENNA & TV
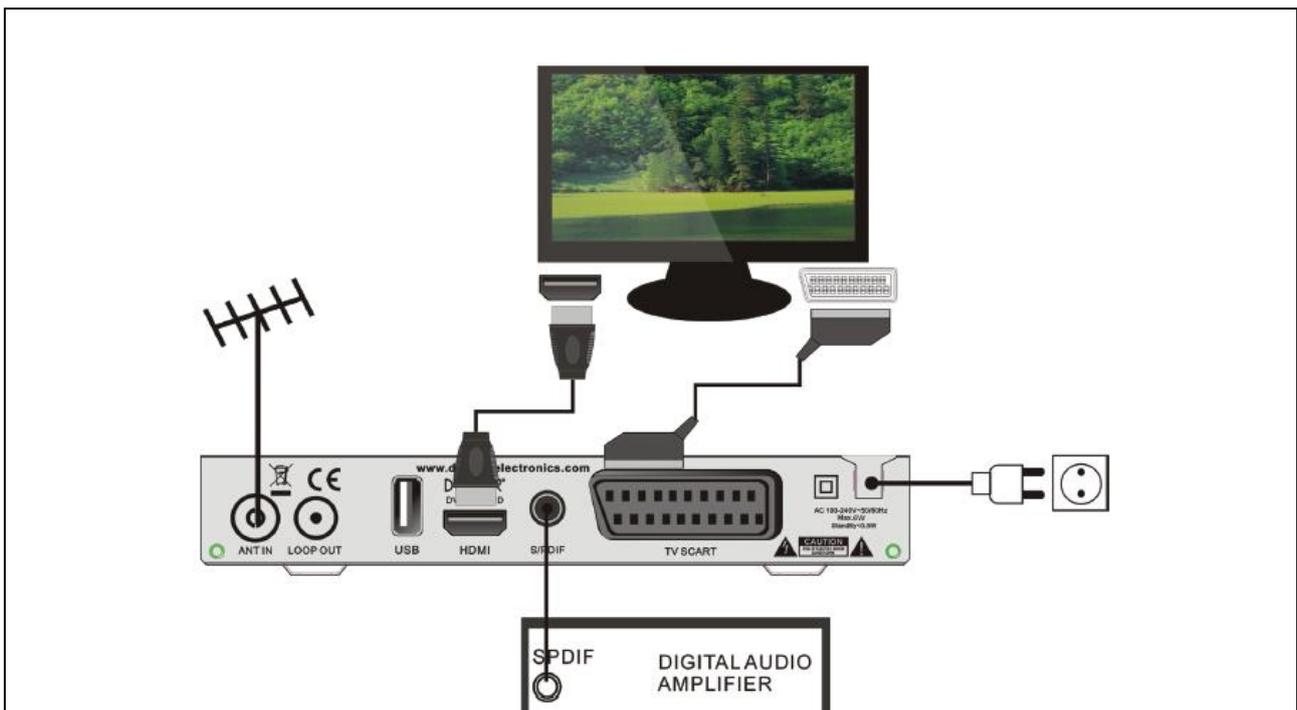
The receiver's ANT IN socket is connected to the antenna wall outlet. The TV SCART socket is connected to the Bang & Olufsen TV with a standard scart AV cable – and the HDMI socket possibly with a HDMI cable.

If the TV has an input for digital sound the SPDIF might be used.

SETUP

When the OneRemote DVB-CIII is started up initially the main menu's Installation Guide" is shown on the TV screen.

Using the remote's arrows to maneuver the following details are entered:

- Country
- OSD Language
- Display Mode
- Aspect Ratio, ALWAYS auto
- Channel Search, either manual, full frequency or network search.

After completion of the search a TV channel is displayed automatically.

BASIC SETUP

Press **GO** **5** or **MENU** to open the "Program Organizer".

The sub-menu "Channel Manager" allows for changes in the channel setup as shown below.

Use the arrows to move around and select with the colored keys or by pressing **GO** **GO** .

Exit a menu by pressing **EXIT** .
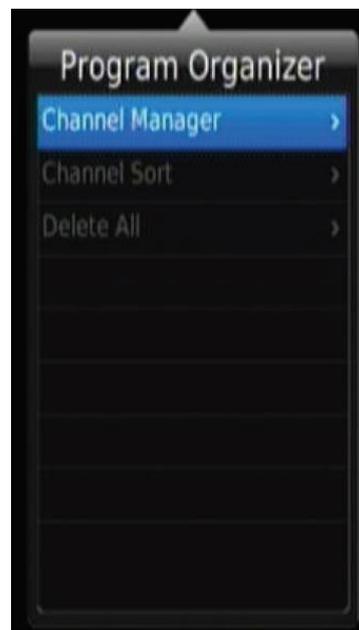
CHANNEL EDITING

Program preferences may be edited (lock, skip, favorite, move or delete) in the menu using the colored keys as shown on the screen. Remember pressing GO   prior to the colored key.

The menu is opened by keying in the standard code "0000"

If channel search is carried out with LCN, the channels CAN'T be sorted. The order of channels is determined by the provider.

CHANNEL SORTING

The following criteria can be used for sorting:

- [LCN]   - Channels are sorted in ascending order
- [ONID]   - Channels are sorted in accordance with the original network
- [Channel name]   - Channels are sorted in alphabetical order
- [Channel ID]   - Channels are sorted according to the station

LCN (Logical channel number)

Set LCN on or off.

Delete all channels

Delete all channels by entering the password "0000".

Press [GO] [■ 5 ■] or [MENU] to open
the "Installation Guide"

Select a menu point and press [GO] [GO] or [▶▶] to open a sub-menu.

Interrupt with [EXIT].

Search Setup.

Select "country", place of installation.

Select "Standby Loop Through", on or off dependig on the antenna signal continues to another device or not.

Full Frequency Search.

Select Symbol (4 digits), QAM (16/32/64/128) and Search Mode (free or all channels).

Manual Search.

Install new channels manually. This option adds new channels without changing the current channel list.

Enter the various parameters and:

- Start search by pressing [GO] [GO] .
- Stop by pressing [EXIT] .

If a channel is found during the search, it is stored and added to the channel list. If no channel is found the menu is closing automatically.

Network Search.

Channels might be searched by network. The local network ID is required from the program provider.
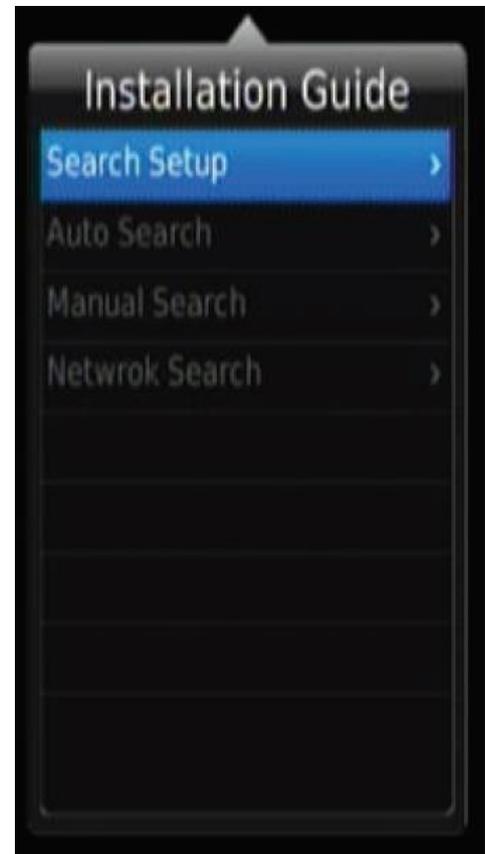
SYSTEM SETUP

Press   **GO**   **5**   or **MENU** To open System Setup.

Select using the arrows:

Language Setting

Select: Menu Language, audio language and subtitle language.

OSD Setting

Set transparency level from 0 to 50% .

Infobar show time.

System Setup menu:
- Language Setting
- OSD Setting
- TV Setting
- Audio Setting
- Time Setting
- Auto Standby
- Parental Guidance
- Reset Factory Default

TV ADJUSTMENTS

Screen Mode

Select aspect ratio 4:3 Full, 4:3 Pan & Scan, 4:3 Letter Box, 16:9 Wide Screen or Auto.

With Bang & Olufsen TV "Auto" HAS to be selected!!

SCART Output

Video output mode may be selected.

HDMI Output

If the video does not appear correctly, change the setting. The setting is to match the most common setting for HDMI.

Audio Setting

Select output for a digital audio amplifier

Time Setting

This menu provides options to adjust the time settings.

Use the arrows and select the setting to be changed:

Time Offset: Select auto or manual for GMT offset adjustments.

Region: The setup country's capital is indicated, and it CAN'T be changed.

Time Zone: Select the Time Zone Offset when it is set manually.

Auto Standby

Select the Sleep time. The receiver shuts down automatically at the end of the set period of time if no user activity has taken place.

The OneRemote DVB-C III requires the Auto Standby to be off !!!

Parental Guidance

Access to channels unsuitable to children can be restricted. Enter the default password "0000" if that one has not been replaced by another one.

Restore Factory Default

All the factory default settings may be restored. Select "Restore Factory Default" in the main menu and press **GO**   **GO** . Key in the changed password or the default one if not changed, "0000". Restoring starts automatically and all presets and settings are deleted.

TOOLS

Press GO 5 or MENU

System settings may be adjusted.

Information

Info about model, hardware and software versions.

Change Password

Set or change the password for locked programs. Enter the old password or the default "0000". Enter and re-enter a new password. Close the menu by pressing EXIT

USB Upgrade

The receiver software may be updated with a file from the original producer:

www.denver-electronics.com/update-for-dvcb-110hd

Removal of the USB Device

Remove the USB device safely.

System Setup
- Language Setting
- OSD Setting
- TV Setting
- Audio Setting
- Time Setting
- Auto Standby
- Parental Guidance
- Reset Factory Default

Tools
- Information
- Change Password
- USB Upgrade
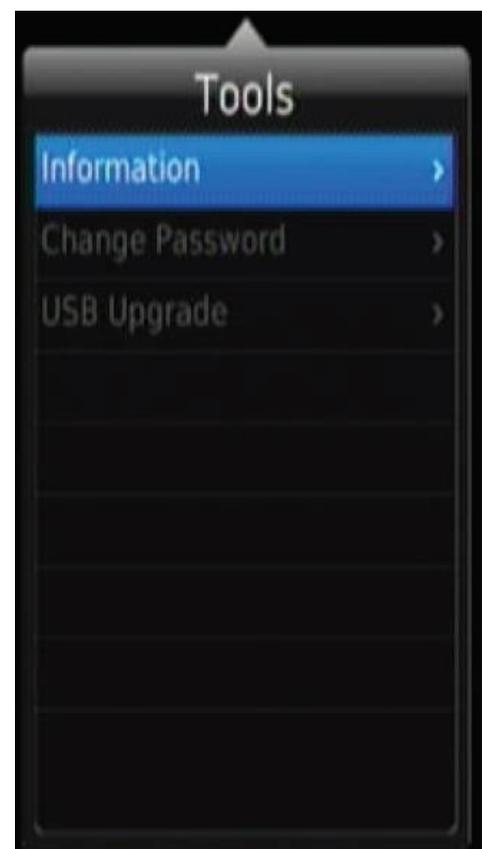
Press 🔘 to add the desired recording.

In the new window select the channel number, the start date, the start time, the end time, the repeat mode and set the mode to record and press 🔘 🔘 .

See the EPG chapter too.
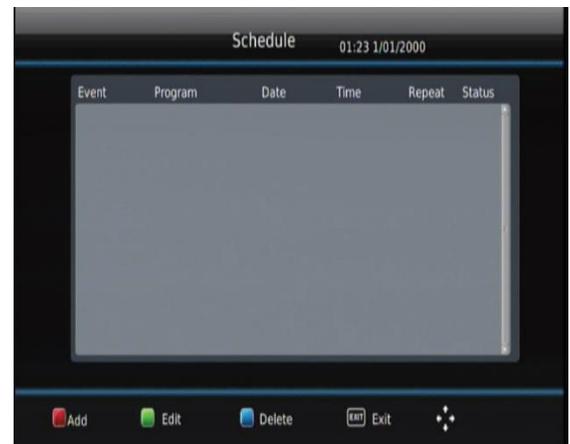
Record

This menu contains Video List, USB device information, Record Setup and remove USB device (only with a USB device inserted or connected)

Video List

All video recordings are listed and play back is started by pressing 🔘 🔘 and scolling down the list till the desired one, which is started by pressing 🔘 🔘 .

USB Device Information

USB device can be formatted to FAT 32 or NTFS.

Only NTFS is recommende here.

Record Setup

Adjust the max. length of Time Shift by entering the size of storage in Gb.

MULTIMEDIA

Music may be played back, pictures shown, movies shown or recordings made.

The Multimedia player is an integrated part of the receiver. The table below shows the supported formats. Supported file systems at the moment are NTFS, FAT32 og FAT16.

Ålayer	Supported file
Photo	JPEG, BMP, PNG
Music	*.wma, *.m4a, *.aac
Movie	*.AVI, *.MKV, *.XviD, *.mpeg, *.dat, *.vob, *.ts, *.mp4(GMC not supported), *.motion JPEG

Photo Configuration

Select Slide Time, Slide Mode and Aspect Ratio.
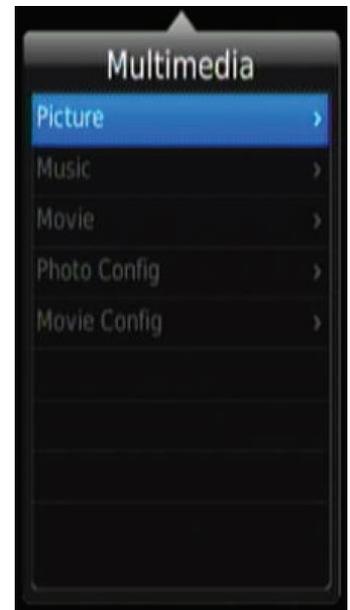
Movie Configuration

Select Subtitle Specific, Subtitle Background and Subtitle Frontcolor.

Audio Key

A broadcast might have multilingual audio language or more channels are used like stereo, left or right channel. All available audio languages will display on the audio track window when pressing ⊙ 7 . See the screenshot.

If no sound is heard after selecting language, no audio is available on the selected channel, and another selection must be made.

TV Channel and Radio Channel Lists

Press ⊙ ⊙ to display the list of all TV channels or radio channels on the screen. Follow the directions at the lower part of the window to select the desired channel.

OTHER FUNCTIONS

Program Information

Press GO **6** once to show the info banner at the upper part of the screen and press one more time to get info about the current channel.

Favorite List

Press GO **2** to show the favorite groups on the screen. Select a group and press GO   GO to open the corresponding list of favorite channels. or at åbne den tilhørende list

EPG (ELECTRONIC PROGRAM GUIDE)

EPG is an on-screen TV guide that shows scheduled programs up to seven days ahead of time for every tuned channel.

Press ◣ to access the the guide.

Press ▲ , ▼ , ▶▶ or ◀◀ to select the channel and the desired program.

If the informations cover more than one page press GO ◢ for page down and GO ◣ forpage up.
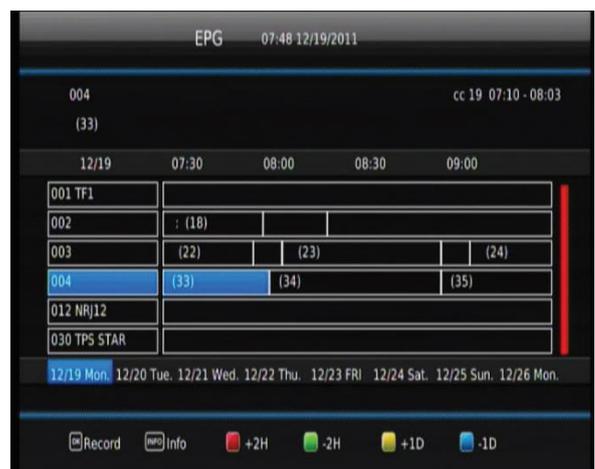
Press GO   GO **to record the selected program on the USB storage unit via the timer.**

Press **EXIT** **to watch this channel.**

It takes time to load the EPG information and it might take as long as 2 minutes to fully update the EPG every time the channel has been changed.

TIME SHIFT- WITH CONNECTED USB STORAGE UNIT

A so-called Time Shift is possible when a correct formatted USB unit, stick or HDD, is connected to the OneRemote DVB-C III receiver. Time Shift sets the program display on pause and records the intermission for later displaying with the rest of the program.

Be aware that the difference between Time Shift and an ordinary recording is that all information is deleted when Time Shift is stopped. Time Shift is only recommendable for pausing, shorter or longer depending on the the capacity of the USB device and the setting, see Recording Setup.

GO	STOP	**Start Time Shift**
GO	STOP	**Stop Time Shift**

Be aware : STOP STOP stops the Time Shift activity, and all information is deleted.

DAILY OPERATION USING OLDER BANG & OLUFSEN REMOTES

This receiver is controlled easiest with a newer B&O type remote control like Beo4 or later, due to the colored keys.

The receiver can be controlled with older remote controls like Beolink1000. The coloured key-commands may be sent with a Beolink 1000 using two sequence keying, as shown below.

PLAY	PLAY	Press twice to select
MENU		Main Menu
GOTO		Return
STORE		Exit
PLAY	STORE	Search
SHIFT	▲	BLUE
SHIFT	▼	RED
SHIFT	≫	YELLOW
SHIFT	≪	GREEN