

# OneRemote DVB-Combo I

Cable, Satellite & Terrestrial Receiver with Internal STB for Bang & Olufsen TV

DVB-C, DVB-T/T2, DVB-S/S2  
WEB-TV, IP-TV

## Setup Guide



## About DVB-Combo I

- This Setup Guide is about setting up and installing a DVB-Combo I.
- See the User Guide about everyday use of the receiver.

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

The OneRemote DVB-Combo I receiver installation is plug and play, i.e. when it is correctly connected to the mains, the antenna wall 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 useable.*

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.

**The DVB-Combo-II is controllable only when connected to a Bang & Olufsen TV, that sends control data via a Scart Cable connection.**

**DVB-Combo I is therefore only controllable with the TV's Bang & Olufsen remote control.**

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## CONNECTING TO A BANG & OLUFSEN TV

As DVB-Combo I only is controllable through a Bang & Olufsen TV, **it will not power on**, before it has been connected to a Bang & Olufsen TV.

DVB-Combo I must be connected to a Scart socket on a Bang & Olufsen TV, set up as:

**DVD, VTAPE, VTAPE2, VMEM, VMEM2, VAUX** or similar available source.

When correctly connected to a Bang & Olufsen TV, it will automatically power on when its socket is selected with the Bang & Olufsen remote control, i.e. VMEM.

## ONEREMOTE OPTION

Below is a list of available Options for DVB-Combo I.

Options are programmed into the OneRemote converter inside DVB-Combo I, using the TV's remote control. Programing can be performed, when DVB-Combo I is selected.

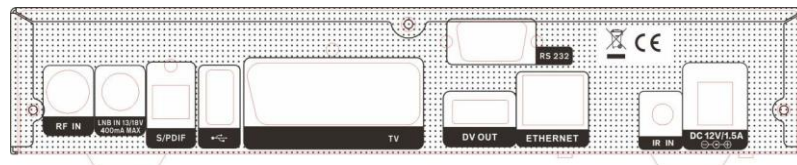
Simply enter the programming sequence with a little pause between each key pressed.

Function	Factory setting	Option
Power off when the TV is powered off.		0   STOP   STOP   STOP   STOP   STOP   7   0   ●
No power off when the TV is powered off.	x	0   STOP   STOP   STOP   STOP   STOP   7   1   ●

## DAILY OPERATION WITH 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. Se chapter *Using older Bang & Olufsen remotes*.

## CONNECTIONS



	Use
<b>TV</b>	Connects to a Scart input on any Bang & Olufsen TV set up as VMEM, VTAPE, SAT, DVD, VAUX, VMEM2 or similar, able to send linkdata.  Picture and sound are wired to the Bang And Olufsen TV from this output.  If the Bang & Olufsen TV is equipped with a HDMI or DVI socket, use of this will improve the quality of the picture.
<b>RF IN</b>	<i>IF</i> reception from a Cable TV network or an outdoor antenna is requested, the antenna cable connects here.
<b>LNB</b>	<i>IF</i> reception from a satellite is requested, the antenna cable from the satellite dish connects here.
<b>Ethernet</b>	<i>IF</i> reception of WEB-TV or other Internet related content, cable from the Internet connects here.
<b>DV OUT</b>	If the Bang & Olufsen TV is equipped with a HDMI or DVI socket, use of this will improve the quality of the picture.
<b>DC 12V</b>	Power supply connects here.
<b>USB</b>	USB device connects here for recording and playback.






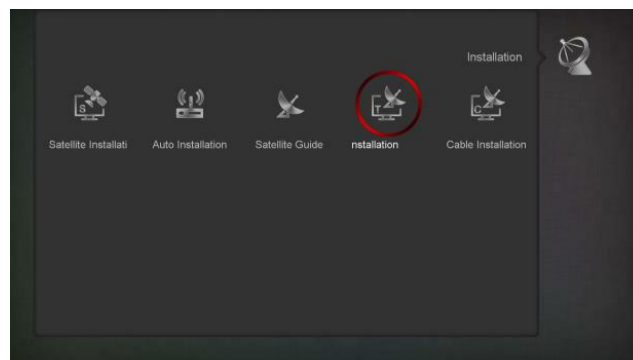
- DVB-Combo I has an internal STB controller for Bang & Olufsen.
- Via the Scart cable, control data is transferred from the Bang & Olufsen TV.
- The Bang & Olufsen TV's remote control thereby controls the DVB-Combo I

## DVB-COMBO I INSTALLATION MENU

Once the DVB-Combo I has been correctly connected to the Bang & Olufsen TV, it will automatically power on, when selected with the TV's remote control.

The DVB-Combo I needs to be configured for the antennas to be used, and channels scanned in. Once this is done favorite lists can be made with a mix from different sources, making everyday use very easy.

	Function
	<b>MENU</b> opens, closes or returns to previous.  <i>When leaving a menu, changes are automatically being saved.</i>
<b>EXIT</b>	<b>MENU</b> leave.
 	Select.



The installation menu explained in the following pages:

- Satellite setup.
- Auto installation.
- Satellit guide.
- Installation outdoor antenna.
- Installation cable TV.

### ANTENNE CONFIGURATION – OUTDOOR

All channels are scanned, both free and encrypted pay-TV channels.

Only free channels can be received with DVB-Combo I as it has no Card reader.

If reception of encrypted channels are needed, use DVB-Combo II that has both a Card reader and a Common interface slot.



- Choose your region.
- If the connected antenna has a built-in amplifier, set Power to ON.

If TP search is selected a sub-menu appears for entering search data.



### ANTENNA CONFIGURATION – CABLE TV

All channels are scanned, both free and encrypted pay-TV channels.

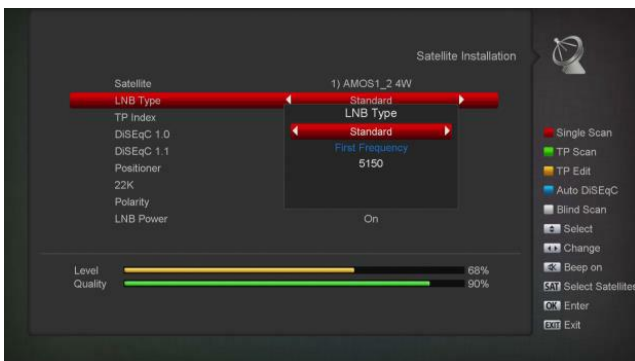


Only free channels can be received with DVB-Combo I as it has no Card reader.

If reception of encrypted channels are needed, use DVB-Combo II that has both a Card reader and a Common interface slot.



## ANTENNA CONFIGURATION - SATELLITE



Select the satellite to install and enter the data of the antenna system in the underlying menus.



### TP Edit

Accesses a submenu for adding, changing or deleting transponders.

### LNB SETUP

#### LNB Type

Standard, User, Universal, Unicable.

#### Diseqc Settings

Disable	No Diseqc control
1/ 2, 2/2	2 ports Diseqc
1/ 4, 2/4, 3/ 4, 4/4	4 ports Diseqc
1/8, 2/8... 8/8	8 ports Diseqc
1/16, 2/16 ... 16/16	16 ports Diseqc

#### Positioner Settings

Off, Diseqc 1.2, USALS

#### 22KHZ Settings

ON	In port: 22KHZ
OFF	In port: OK

#### Polarity

Auto, H, V.

#### LNB POWER

ON, OFF

When specifications have been updated, scanning can be performed.

### Single Scan

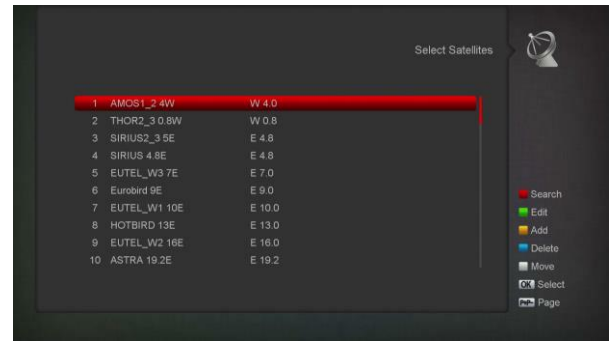
Scanning of all or free channels from all transponder listed or blind.

### TP Scan

Scan a single transponder.

### Blind Scan

Full scan including all possible frequencies. This takes a long time !



## SUBMENU TP EDIT



When a satellite is replaced or for other reasons is changing the way it transmits, it might be needed to add or change transponders to the list.

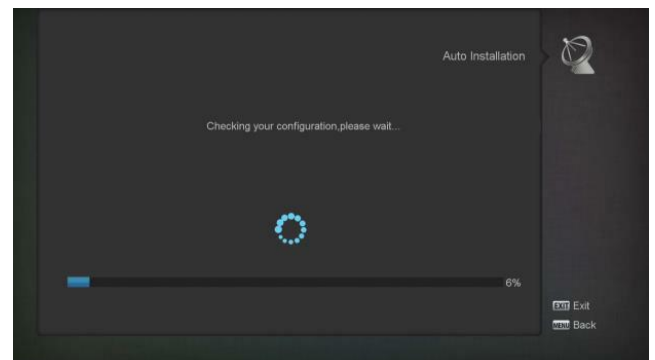
## SATELLITE SCAN

To see the list of satellites, press **GO** **5** .

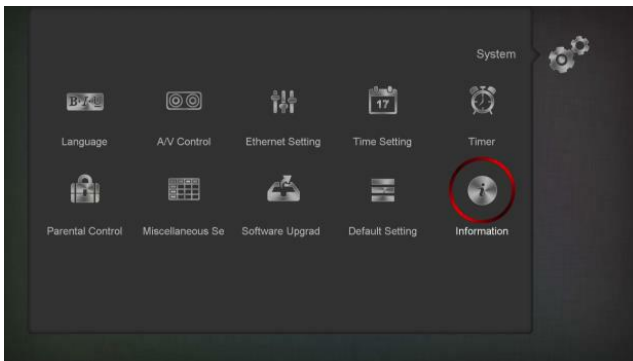
## AUTO SATELLITE INSTALLATION

Running Auto Installation the receiver will automatically scan and identify satellites, and set the receiver.

After scanning the receivers parameters are listed.



## DVB-COMBO I - SYSTEM MENU



## PARENTAL CONTROL



- Menus locked with Password.
- Individual channels locked with password
- Installation menu locked with password

## LANGUAGE



In this menu language can be chosen for:

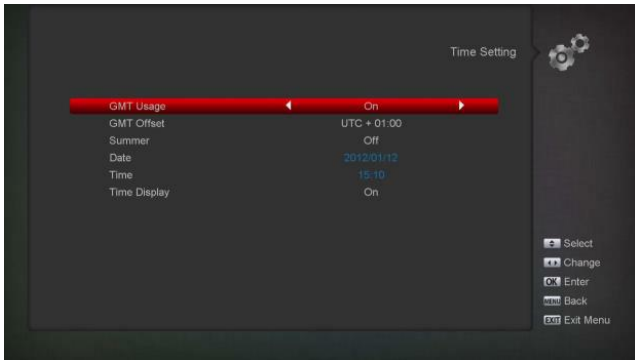
- Menu.
- Preferred audio.
- Dolby if available.
- EPG.
- Subtitles and Text TV.

## A/V CONTROL MENU



- Picture resolution and format.
- Digital sound for HDMI and SPDIF
- Menu transparency.
- Color and Light.

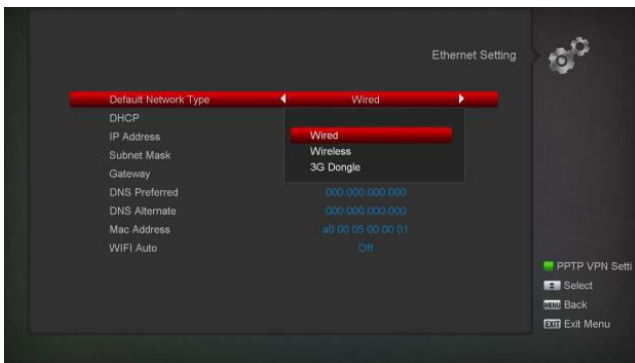
## CLOCK SETTING



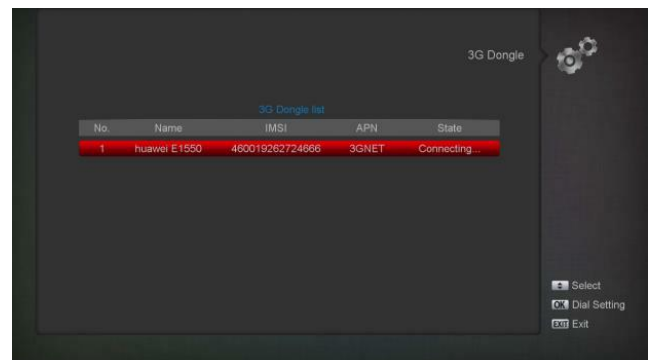
- Daylight saving
- Date
- Activate clock on screen



## ETHERNET – INTERNET CONNECTION



WiFi, Cable or 3D dongle can be selected.



## MISCELLANEOUS

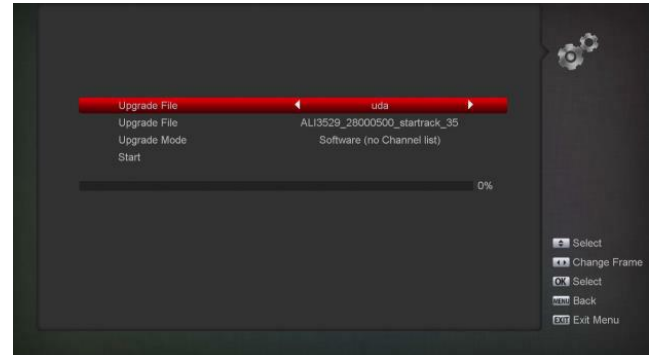


- Subtitle ON/ OFF
- Auto power Down.

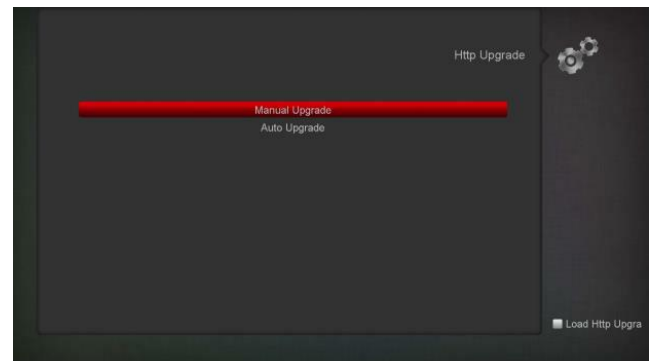
**AUTO POWER DOWN  
MUST ALWAYS BE SET  
TO OFF FOR THE  
RECEIVER TO WORK  
WITH BANG & OLUFSEN.**

- Time to show OSD.

- Channel lists
- Software + Bootloader
- Software + channel lists



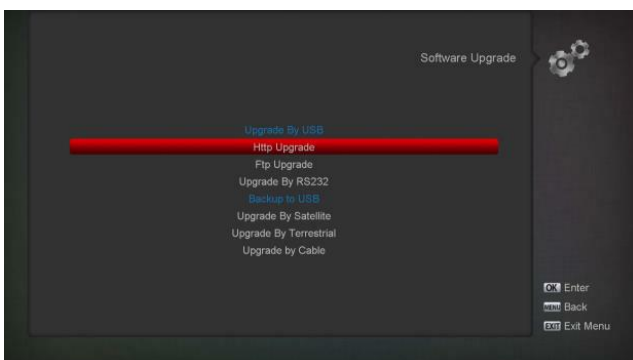
## UPDATE VIA HTTP



When connected to Internet, update can be handled both automatically or manually.

## DVB-COMBO I UPDATE

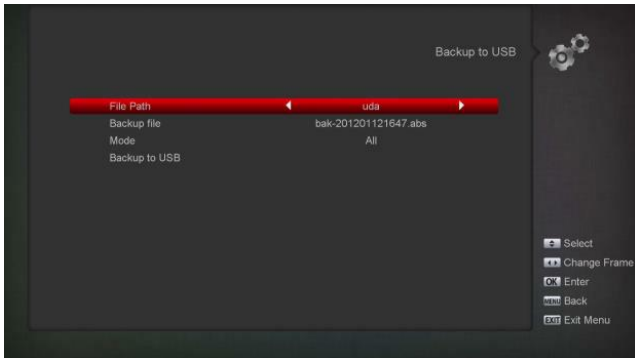
### UPDATE WITH USB



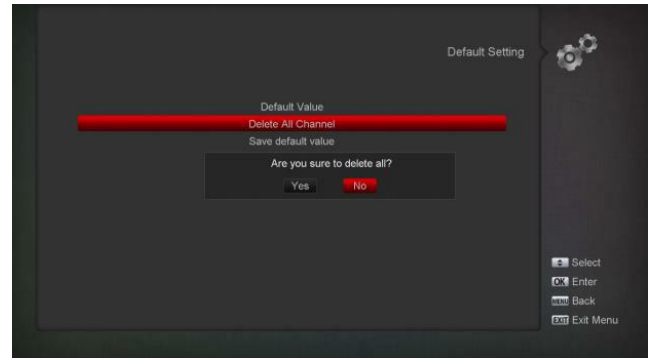
DVB-Combo I can via USB be updated with:

- Software without channel lists

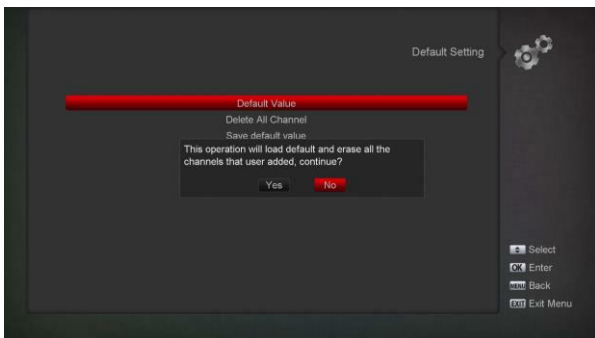
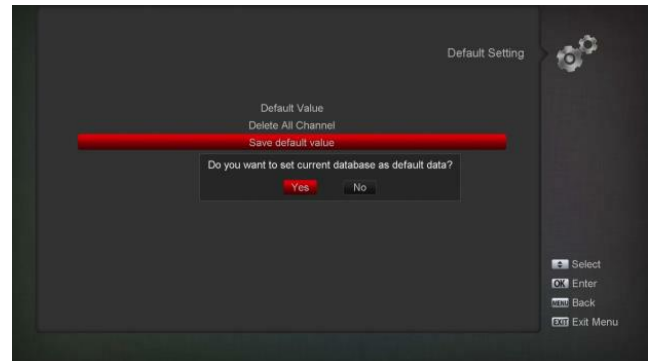
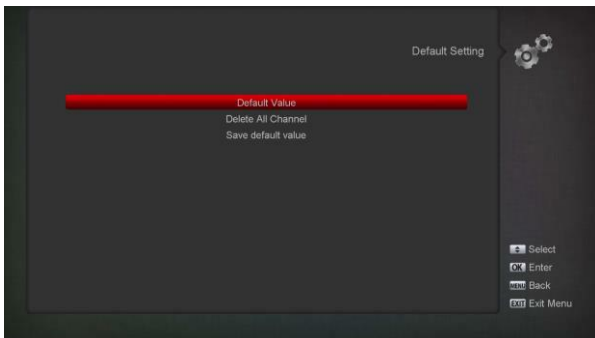
## BACKUP VIA USB



## DELETE ALL CHANNELS

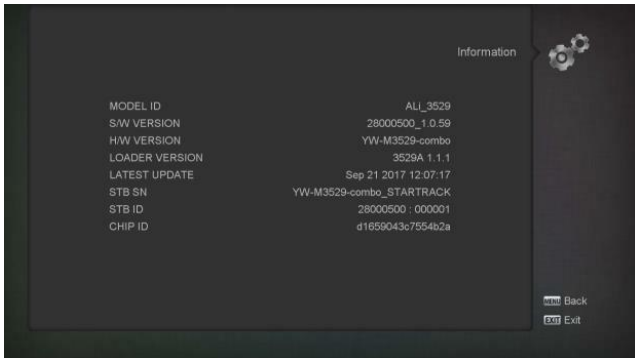


## FACTORY RESET

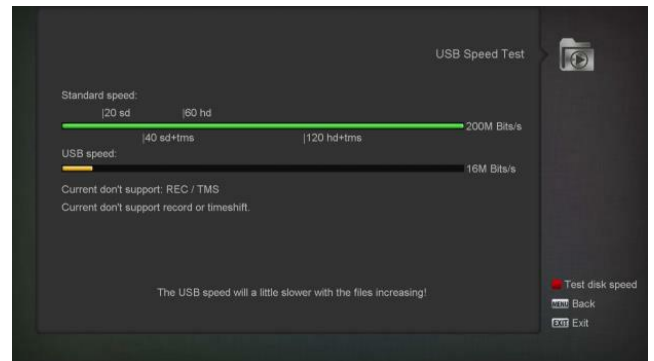
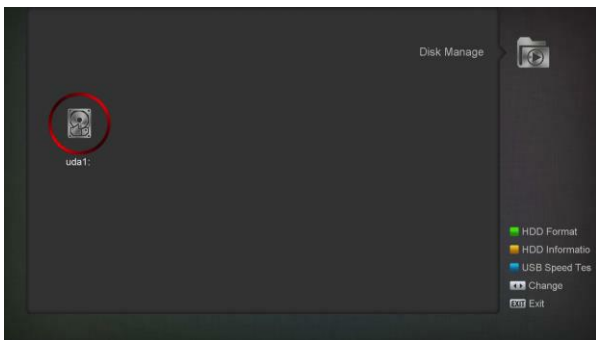


Default password is "0000"

## INFORMATION



## USB HANDLING



GO  *USB speed test*

- Formatting
- Staus
- Speedtest



GO  *USB format*      GO  *Show USB info*  
 GO  *USB speed test*