

Installation Manual for

- 20HFL2809D/10
- 23HFL2809D/12
- 28HFL2809D/12
- 32HFL2809D/12
- 40HFL2809D/12



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1. Requirements before starting the installation

Before starting the installation, make sure that you have everything you need at hand.



To enter the Hotel TV menu using the guest remote (22AV1407A):

For all HFL2809 models you can use the guest remote and the key sequence **3,1,9,7,5,3,MUTE** to access the Hotel Mode. The key sequence will not work if High Security Mode is enabled.

To enter the Hotel TV menu using the master remote control (22AV8573):

- Press the RC5 Setup key;
- Press the Home/Menu key;

Note:

And

The Home/Menu key on the master remote control (22AV8573) will activate only the hotel menu, navigation in this menu **must** be done with the guest remote (22AV1107A).

Exit Hotel TV Menu

Leaving the Hotel TV Menu after making the required settings, can be done using the master Remote Control (22AV8573) or with the TV included standard Remote Control.

To exit the Hotel TV menu with master remote control:

- Press the RC5 Setup key;
- Press the Home/Menu key;

To exit the Hotel TV menu with standard RC:

- Press the Menu key or
- Press the Return key

Note: On the bottom part of the screen the TV will display which buttons can help you to navigate and change the options.

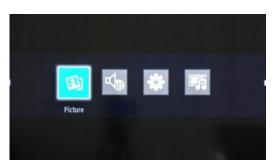
2. Find out the state of the TV

It is important to know if a TV is in 'virgin mode' (out of the box) or installed before.

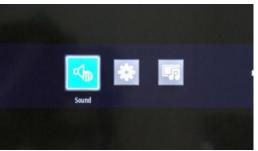
If you can see this screen below, you know that the TV is in 'virgin mode' and you can install the set. See chapter 4 of this manual.

Welcome please select your language!	
Bienvenue ! Veuillez choisir une langue.	Français
Willkommen, Wählen Sie bitte Ihre Sprache aus!	Deutsch
Benvenuti, Selezionate la vostra lingua!	Italiano
Bienvenido, seleccione un idioma	Español
Hoş geldiniz, lütfen dil seçimini yapınız!	Türkçe
Dobrodošli, izberite vaš jezik!	Slovenski
Üdvözöljük, kérjük válassza ki a nyelvet!	Magyar
Bem-vindo, favor selecionar seu idioma	Português
Dobro došli, molim izaberite svoj jezik!	Hrvatski
Príjemný deň, zvoľte si jazyk!	Slovenčina

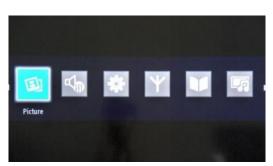
If you power on the set and then press the 'Home' button on the guest remote, you will see this screen appear, if the TV already has been installed or the wizard was already skipped.



Hotel TV menu is ON



Hotel TV menu is OFF





You can start the installation wizard again by reinstalling the TV as explained in chapter 3 of this manual. To be able to modify any settings on the TV you must disable the Hotel TV mode.

Disable the Hotel TV mode

To access the setup menu you should press the 'RC5 SETUP' key and then press the 'Home/Menu' button if you are using the 22AV8573.

To access the Hotel TV menu using the guest remote you need to input the key sequence 3,1,9,7,5,3,MUTE.

You can use the guest remote to select with the up or down arrow buttons and change values with the left or right arrow buttons. Set the Hotel TV Mode to OFF.

Hotel Mode	¢ On	>
Pin8	Off	
Last Status	Off	
Panel Lock	Off	
RCU Inhibit	Off	
Startup Position	HDMI1	
Startup Channel	1	
Volume Limit –	0	63
Fixed Volume Enable	Off	
Fixed Volume Value -	o	20
Headphone Direct Volume	Disabled	
Osd Disable	Disable Setup Menus	
Teletext	On	

Press "MENU" or "Return" button to exit this menu.

Note: Setting Hotel mode to OFF will disable all features from the Menu.



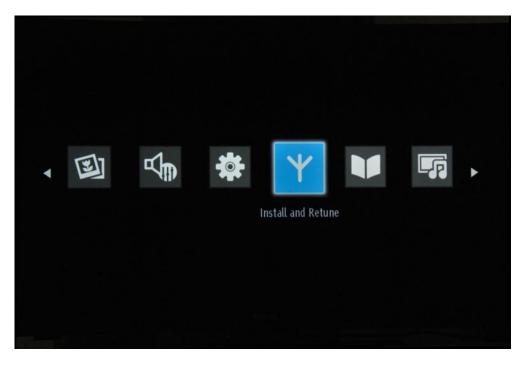
3. Re-install TV

If you want to start an installation from scratch you can always re-install the TV. First step is to set the Hotel Mode to OFF and exit using the MENU or Return button on the guest remote.

Hotel Mode	Off	5
Pin8	Off	
Last Status	Off	
Panel Lock	Off	
RCU Inhibit	Off	
Startup Position	HDMI1	
Startup Channel	1	
Volume Limit –		63
Fixed Volume Enable	Off	
Fixed Volume Value	•	20
Headphone Direct Volume	Disabled	
Osd Disable	Disable Setup Menus	
Teletext	On	

Note: It is not required to use a save button, once you exit the menu, you will save the settings from the Hotel TV Menu

Press the MENU button on the guest remote to access the full menu of the TV. The following menu should be displayed. Select the option "Install and Retune" (highlighted below)



Press "OK" to access the submenu.



Select the last option available "First time installation" and press "OK". The TV asks for confirmation by showing the following screen:

Install and Retune	
Automatic channel scan (Retu	ne)
Manual channel scan	
Network channel scan	
Analogue fine tune	
First time installation	

If you are sure that you want to re-install the TV, select "Yes" and press OK.



The TV will reboot itself and show the "virgin state" screens with a welcome message.

Note: All settings will be reset to default values except Hotel menu values. Those values will remain the same. To reset the Hotel TV menu use the Reset to Default Values option present in that menu.

4. Installation wizard

When you turn on the TV for the first time, or you have reinstalled the TV, you should see the following screen. The installation wizardof which this screen is a part, will guide you through all the menus for a basic TV installation.

Bienvenue ! Veuillez choisir une langue.	Français
Willkommen, Wählen Sie bitte Ihre Sprache aus!	Deutsch
Benvenuti, Selezionate la vostra lingua!	Italiano
Bienvenido, seleccione un idioma	Español
Hoş geldiniz, lütfen dil seçimini yapınız!	Türkçe
Dobrodošli, izberite vaš jezik!	Slovenski
Üdvözöljük, kérjük válassza ki a nyelvet!	Magyar
Bem-vindo, favor selecionar seu idioma	Português
Dobro došli, molim izaberite svoj jezik!	Hrvatski
Príjemný deň, zvoľte si jazyk!	Slovenčina

Please select your language and press "OK" to start the installation of the TV set.

The first step is to select the country, which will enable country cable providers, time setting and channel list presets.

First time installation		
Welcome!		
Country	< Germany	•
Search Type	Digital onl	ly
Teletext Language	West	
Scan Encrypted Channels	Yes	
Select Setting	Choose your country	OK Start search

The next step is to select what type of TV channel search that you want to perform:

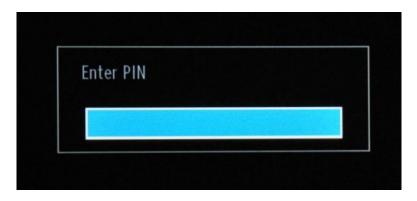
- Digital only: TV will search only for digital channels
- Full: The TV will search for digital and analog channels
- Analogue TV only: The TV will search only for analogue channels

Note: On the bottom part of the screen the TV will display which buttons can help you to navigate and change the options.

Once you have set up the channel search, you can press "OK" to go to next step of the installation.



Depending on country you might need to follow an additional step, setting up a pin code. This pin code will be used for blocking TV channels and settings.



In some cases due the country regulations, you have to provide a pin code formed from four digits. This pin code will be required in case you want to modify the settings of the TV. Selected PIN code cannot be 0000. Enter a PIN code and confirm it by entering it once more. Press the OK button to continue. If the two PIN codes match, your PIN code will be set.

WARNING:

When you are required to enter a PIN code for any menu operation, you should use the PIN that you have previously defined during the first time installation.

Press "OK" to continue to the next screen, which will ask if you want to start an automatic channel scan.

	start an automatic el scan?
Yes	No

Select "Yes" and press "OK" to continue.

The next screen is asking about what the type of channels that will be installed.

Ple	ease Select Digital Search	Туре
a market in the second		
Aerial	Cable	Aerial&Cabl

Aerial Installation

If you select the **AERIAL** option in the *Search Type* screen, the TV set will search for digital terrestrial TV (DVB-T) broadcasts.

NOTE: You can press the "MENU" button to cancel.

After all the available stations are stored, the Channel List will be displayed on the screen. If you like to sort the channels according to the LCN (*), please select "Yes" and then press **OK**.

Press the "MENU" button to quit the channel list and watch TV.

(*) LCN is the Logical Channel Number system that organizes available broadcasts in accordance with a recognizable channel sequence (if available).

Cable Installation

If you want to install DVB-C channels, select the "CABLE" option and press the "OK" button on the remote control to continue. To continue, please select "YES" and press "OK". To cancel the operation, select "NO" and press "OK".

Aerial & Cable installation

Using this option TV will search for all available TV channels DVB-C + DVB-T plus Analog and install them on a single list.

You can select frequency ranges from this screen. For highlighting lines, use the " $\mathbf{\nabla}$ "or " $\mathbf{\Delta}$ " buttons. You can enter the frequency range manually by using the numeric buttons on the remote control. Set the Start and Stop Frequency as desired by using the numeric buttons on the remote control. After this operation, you can set the Search Step as 8000 KHz or 1000 KHz.

If you select 1000 KHz the search will take longer, since the TV needs to check more frequencies. Depending on your Country selection in the first time installation, A 250 KHz search step option might be available on the Network Channel Scan screen. Note that if you perform the search with 250 KHz option, the search process could take longer.

Start Frequency	< [1]06.00 MHz >	
Stop Frequency	858.00 MHz	
Search Step	8000	



Press "OK" to start the installation process. During this progress the bar will fill and found channels will be added to the list.

Automatic channel scan (Return) Scienting digital channels: 162000 cm	
MENU Cancel scan	

Note: If option Aerial & Cable option is selected, when DVB-T channel search is complete, you need to define the start frequency, end frequency and step for DVB-C channels. If you don't know those values, use the default ones and press "OK" to start the search.

When the automatic channel installation is complete, the following summary appears.

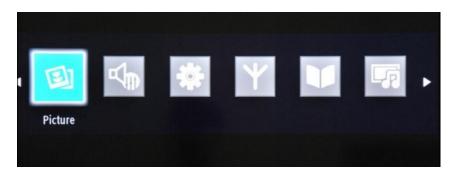


Here you can move, edit or lock channels. The information bar displayed on the bottom part of the screen will guide you through the option that you are using.

Now you can press "MENU" to exit the installation page or you can press the "OK" button to watch TV.

Pressing the MENU button will bring the MENU with all options active.

5. Picture



Accessing the picture submenu will bring the following menu on the screen:

Node	< Natural >
Contrast	
Brightness	 32
Sharpness	 12
Colour	35
Power Save Mode	Eco
Backlight	Auto
loise Reduction	Medium
dvanced Settings	OK
teset	ОК

The option which can be set:

- Mode: Can be set to one of these options: Cinema, Game, Dynamic and Natural.
- **Contrast:** Sets the difference between the brightest and darkest of the screen.
- Brightness: Sets the brightness value for the screen.
- Sharpness: Sets the sharpness value for the objects displayed on the screen.
- Color: Sets the color value, adjusting the colors.
- Power Save Mode: To set Power Save Mode to ON or OFF
- Backlight: This setting controls the backlight level and it can be set to Auto, Minimum and Maximum.
 Backlight function will be inactive if Power Save Mode is set to ON. Backlight cannot be activated in VGA, Media Browser mode or while the picture mode is set to Game.
- **Noise Reduction:** If the broadcast signal is weak and the picture is noisy, use the Noise Reduction setting to reduce the noise amount. Noise Reduction can be set to one of these options: Low, Medium, High or Off.
- Advanced settings: Press "OK" and you will access the advanced options for the Picture menu.
- **Reset:** This option will reset all values for image to default.

Pressing the Return button will return you to the main menu. Pressing the MENU button will exit you from the MENU.

6. Sound

The sound options are available from the main menu:



Select and press "OK" to access the submenu:

/olume		30
Equalizer	User	
Balance		- 0
Headphone		- 20
Sound Mode	Stereo	
AVL	Off	
Digital Out	РСМ	
Navigate	Change Value	

The options available are:

- Volume: Adjusts the volume level.
- Equalizer: In the equalizer menu, the preset can be changed to Music, Movie, Speech, Flat, Classic and User. Press the "MENU" button to return to the previous menu. The equalizer menu settings can be changed manually only when the Equalizer Mode is in "User" mode.
- Balance: This setting is used for emphasizing left or right speaker balance.
- Headphone: Sets headphone volume.
- Sound Mode: You can select Mono, Stereo, Dual I or Dual II mode, only if the selected channel supports that mode.
- AVL: Automatic Volume Limiting (AVL) function sets the sound to obtain fixed output level between programs (For instance, volume levels of advertisements tend to be louder than programs).
- Dynamic Bass: Press "◀" or "▶" button to set Dynamic Bass to on or off.
- Digital Out: Sets digital out audio type.

Pressing the Return button you will return to the main menu. Pressing the MENU button you will exit from the MENU.

7. Settings



The submenu can be accessed by pressing "OK" when this menu is highlighted.

Settings	
Conditional Access	
Language	
Parental	
Timers	
Date/Time	
Sources	
Other Settings	

The options available are:

- The Conditional Access: Controls conditional access modules when available.
- Language: Configures language settings (-may change depending on the country selected) Preferred and current settings will be available.

Menu	< English
Preferred	
Audio	English
Subtitle	English
Teletext	West
Guide	English
Current	
Audio	None
Subtitle	None
Navigate Exit	Set the language used in menus



- Parental: Configures parental settings including PIN code, Menu lock, Maturity Lock and Child Lock.
- Timers: Sets timers for selected programs. / Sets sleep timer to turn off the TV after a certain time.
- Date/Time: Sets date and time.

Note:* The TV takes the time info via the broadcast. Correct time will be available on Date/Time Settings, if the time info is provided in the broadcast. If the TV is in no channel mode, Date/Time settings can be changed. However, if there is a channel preset, only "Time Settings Mode" can be changed and if this is set to Manual, Time Zone will be enabled.

* If the TV is switched to standby mode and switched on later and there is no broadcast available, time information will not be updated. If there is a present broadcast; however, time information will be taken via the broadcast. In other words, time information will be available according to these priorities: The TV first looks for the time info in the broadcast, then to the user preference, and lastly to the teletext time information.

Sources: Enables or disables selected source options.

Other settings:

Other Settings	
Menu Timeout	K 30 sec >
Scan Encrypted Channels	Yes
Blue Background	Off
Software upgrade	VEM141HE 0.7.78
Application Version	VEM141HE_0.5.83
Hard Of Hearing	Off
Audio Description	Off
Auto TV OFF	4 Hours
Power Up Mode	Last State
Country : Germany	
Exit Change Value	Navigate

Menu Timeout: The amount of time for displaying the menu and can have different values OFF, 15 sec, 30 sec and 60 sec.

Scan Encrypted channels: Set the behavior for encrypted channels; If set to NO, all encrypted TV channels will be skipped.

Blue Background: Enables and disables a blue screen instead of channel

Software Upgrade: Press "OK" to access the menu where you can disable or enable the Automatic scanning or trigger a manual upgrade.

Note: If automatic scanning in the Upgrade Options menu is enabled, the TV wakes up at 03:00 and searches broadcast channels for new software upgrade. If new software is found and downloaded successfully, with the next power up the TV starts with new software version. In a hotel the safe approach will be to disable this option.

Application Version: Is the software version currently installed on TV.

Hard of Hearing: Audio help for impaired persons.

Audio description: Refers to an additional narration track for blind and visually impaired viewers of visual media, including television and movies.

Auto TV OFF: You can set the timeout value of the auto off feature. When the timeout value is reached and the TV is not operated for selected time, the TV will go off.

Note: Auto switch OFF is a UE regulation for reducing the power consumption.

Power Up Mode: Defines the behavior of the TV in case of power cut.

Last state: When power is restored the TV will return to the same state before power cut.

Standby: When power is restored the TV will go by default to standby. This is the recommended setting.

Install and Retune Menu Content all options related to channel installation.



The install and retune menu contains options for automatic channel install, manual channel install, network scan, analog fine tune for a better reception of the analog TV channels. The first time installation option will delete the TV channels and set all settings to default values, except Hotel TV settings.



Automatic Channel Scan (Retune): Displays automatic tuning options available.



Digital Aerial: Searches and stores aerial DVB-T channels.

Digital Cable: Searches and stores cable DVB-C channels.

Analogue: Searches and stores analogue channels.

Digital Aerial & Analogue: Searches and stores aerial DVB-T and analogue channels.

Digital Cable & Analogue: Searches and stores cable DVB-C and analogue channels.

Aerial & Cable: Searches and stores DVB-C, DVB-T and analog channels.

Note: Using any of this option will delete the current channel plan. If you are sure, select "Yes" and press "OK"

Manual Channel Scan: This feature can be used for direct broadcast entry.



Search Type	< Digital Aerial >	
Channel	24	
Frequency	498.00 MHz	
Network channel scan	Disabled	
Signal quality:	None	
Signal level:		

Search Type: Type of the channel to install Digital Cable, Digital Aerial or Analog Channel: The preset frequency Frequency: Input for the frequency Network scan: Enable or disable the network scan Signal quality & Signal Level

These two options will show the quality and level of signal received on the frequency defined above.

Network Channel Scan: Searches for the linked channels in the broadcast system.

Analogue Fine Tune: You can use this setting for fine tuning analogue channels. This feature is not available if no analogue channels are stored.

_	Install and Retune
	tomatic channel scan (Retune) anual channel scan
N	twork channel scan
An	alogue fine tune
Fi	st time installation
Ma	Install and Retune tomatic channel scan (Retune) inual channel scan twork channel scan
Ma Ne	Install and Retune tomatic channel scan (Retune) inual channel scan



First Time Installation: Deletes all stored channels and settings, resets the TV to factory settings and starts the first time installation. You can follow the instructions in the Initial Installation section for more information on this process.





8. Channel list

For channels options like: reorder, rename or lock you have to access the menu from the picture below. Channel management can be also done with channel editor application available for PC. Check appendix 1 for channel editor installation and usage.

Press "OK" for the submenu.



Note: If the following menu is not displayed in the menu, please go and disable the Hotel TV mode.

Edit channel list:



The channel list with all TV channels installed will be displayed.

2. BBC 2 Eng	jland			
3. BBC 1 We	st			
4. CBeebies				סזע דע
5. BBC 1 Ea	st (W)			
6. BBC 1 CI				στν τν
7. Eredivisie	Live 1			οτν τν
• 8. Erediv.2/#	T5/Cart.Netw.			11
ОК	Move	Delete	Edit name	Lock
Function Function	Navigate RETRACK	P+P- Page UP/DOWN	OK Watch	



With the up and down arrow buttons you can select the channel and with the left and right arrow buttons the function which will be used for that channel.

To move a TV channel in the list you need to do something similar. Select the TV channel with the up or down arrow buttons, and then select the Move function and press "OK". The TV will display a new window in which you must enter the new position of the channel.

l List			
C2 [pd-oil 30.1 west:	Edit number		
Beebics			
SC 1, East (W)	New number	28	
edivisie Live 1	- Alla	THE DATE	
ediv.2/AT5/GarLMetw. BC One			
Move	Delete	Edit name	Lock
09 Enter chann	el number	OK Update	

The channel plan will be updated after you press "OK".

Favourites: Allows adding a channel to a particular list. To add a channel to the list select the channel using Up or Down arrow and press "OK" to make the selection. A pink star will appear next to the channel name.

Channel List	
Edit Channel List	
Favourites	
Active Channel List	
Export Channel List to USB	
Import Channel List from USB	

Active Channel List: This option allows you to toggle between different types of lists: TV Only, Radio Only, Text Only, Analog TV only and Favourites. These options are available for the Digital Cable and Aerial.





Export Channel list to USB: This option will export the channel to USB. The exported channel plan can be managed on a PC using the Channel Editor Application. See appendix 1.

Note: The USB drive must be formatted as FAT32.

Channel List	
Edit Channel List	
Favourites	
Active Channel List	
Export Channel List to USB	
Import Channel List from USB	

Import Channel list from USB: This option will import the channel plan from a USB stick. Make sure that only channel plans managed with the Channel Editor are imported from a USB stick.

9. Media Browser



You can play photos, music, and movie files stored on a USB disk by connecting it to your TV. Connect a USB drive to one of the USB inputs located on the side of the TV. The TV will read the content and provide an option to browse the USB drive. In the Media Browser setting the following items are available: Videos, Photos, Music and Settings.

Files which can be played by the TV will be displayed inside the category. If the file is not available in none of the category it means that file is not supported by the TV.

You can set your Media Browser preferences by using the Settings Menu.

IMPORTANT! Back up your files before making any connections to the TV. The manufacturer will not be responsible for any file damage or data loss. Certain types of USB devices, for example, MP3 players or USB hard disk drives/memory sticks may not be compatible with this TV.

10. Professional Settings

Off

Off Off

HDMIT

Off

Disabled

Disable Setup Menus

On Change Value

> On Off

HDMIT

Disabled Disable Setup Menu:

HDMIT

Disabled Disable Setup Menu

> Disabled able Setup M



Hotel TV Menu

Hotel Mode Pin8 Last Status

Panel Lock

RCU Inhibit Startup Positior

alatart

Nat

Hotel TV Menu

Hotel Mode

Last Status Panel Lock

Startup Channel Volume Limit

Osd Disable

Hotel Mode Pin8

Startup Position

Fixed Volume Enabl Fixed Volume Value

Hotel TV Menu

Pin8

RCU Inhibit Startup Position Startup Channel Volume Limit

leadphone Direct Volume

Pin8

Startup Channel Volume Limit

Fixed Volume Enable Fixed Volume Value

Headphone Direct Vo Osd Disable

[Hotel Mode]

Feature to enable or disable the Hotel TV Menu features.

Note: When enabled, the TV will follow configured feature settings. If the Hotel Mode is set to OFF, none of the settings from this menu will be active.

[Pin8]

Feature to enable or disable the auto SCART feature

Note: This feature allows a connected SCART device to turn the TV on or off.

[Last status]

This feature allows the TV to remember the last used configuration and restore when startup again. Otherwise default settings are used.

[Panel Lock]

Feature to enable or disable the functionality of the side control TV button. Select [On] to lock the side control TV button. Select [Off] unlock the side control TV button

[RCU Inhibit]

Enable or disable the functionality of the Remote Control. Select [On] to block all RC commands Select [Off] and all RC commands are enabled.



Hotel Mode	
Pin8	On
Last Status	Off
	Off
RCU Inhibit	Off
Startup Position	HDMI1 🔊
Volume Limit – Fixed Volume Enable	63
Fixed Volume Value -	0ff 20
Headphone Direct Volume	Disabled
Osd Disable	Disable Setup Menus
Teletext	On I Change Value
	I ≪ I ▶ I Chandé Value
Hotel TV Menu	
Hotel Mode	- P
	On Off
	off
	Off
	off
Startup Position	HDMI1
Startup Channel	
Volume Limit – Fixed Volume Enable	off 63
Fixed Volume Value -	20
Headphone Direct Volume	Disabled
Osd Disable	Disable Setup Menus
CTITAL COLOR	
Hotel TV Menu	
Hotel Mode	On P
Pin8	Off
Last Status	Off
Panel Lock	Off
RCU Inhibit	Off
Startup Position Startup Channel	HDMI1
Volume Limit	1 a l
Fixed Volume Enable	Off
Fixed Volume Value	20
Headphone Direct Volume	Disabled
	Disabled Disable Setup Menus
Headphone Direct Volume Osd Disable	
Headphone Direct Volume	
Headphone Direct Volume Osd Disable	
Headphone Direct Volume Osd Disable Hotel TV Menu Hotel TV Menu Pin8	Disable Setup Menus
Headphone Direct Volume Osd Disable Hotel TV Menu Hotel, Mode Pin8 Last Status	Disable Setup Menus
Headphone Direct Volume Osd Disable Hotel TV Menu Hotel Mode Pin8 Last Status Panel Lock	Disable Setup Menus
Headphone Direct Volume Osd Disable Hotel TV Menu Hotel Mode Pin8 Last Status Panet Lock RCU Inhibit	Disable Setup Menus
Headphone Direct Volume Osd Disable Hotel TV Menu Hotel Mode Pin8 Last Status Panet Lock RCU Inhibit Startup Position	Disable Setup Menus
Headphone Direct Volume Osd Disable Hotel TV Menu Hotel Mode Pin8 Last Status Panel Lock RCU Inhibit	Disable Setup Menus
Headphone Direct Volume Osd Disable Hotel TV Menu Hotel Mode Pin8 Last Status Panel Lock RCU Inhibit Startup Position Startup Channel	Disable Setup Menus
Headphone Direct Volume Osd Disable Hotel TV Menu Hotel Mode Pin8 Last Status Panel Lock RCU Inhibit Startup Position Startup Position Startup Channel Volume Limit	Disable Setup Menus
Headphone Direct Volume Osd Disable Hotel TV Menu Hotel Mode Pin8 Last Status Panet Lock RCU Inhibit Startup Position Startup Channel Volume Limit Fixed Volume Yalue Headphone Direct Volume	Disable Setup Menus
Headphone Direct Volume Osd Disable Hotel TV Menu Hotel Mode Pin8 Last Status Last Status Panel Lock RCU Inhibit Startup Position Startup Position Startup Channel Volume Limit Fixed Volume Enable Fixed Volume Value	Disable Setup Menus
Headphone Direct Volume Osd Disable Hotel TV Menu Hotet Mode Pin8 Last Status Panel Lock RCU Inhibit Startup Position Startup Channel Volume Limit Fixed Volume Enable Fixed Volume Value Headphone Direct Volume Qod Disable	Disable Setup Menus
Headphone Direct Volume Osd Disable Hotel TV Menu Hotel Mode Pin8 Last Status Panel Lock RCU Inhibit Startup Position Startup Channel Volume Limit Fixed Volume Enable Fixed Volume Direct Volume Osd Disable Hotel TV Menu	Disable Setup Menus
Headphone Direct Volume Osd Disable Hotel TV Menu Hotel Mode Pin8 Last Status Panel Lock RCU Inhibit Startup Position Startup Channel Volume Limit Fixed Volume Enable Fixed Volume Enable God Disable	Disable Setup Menus
Headphone Direct Volume Osd Disable Notel TV Menu Hotel Mode Pin8 Last Status Panel Lock RCU Inhibit Startup Position Startup Channel Volume Limit Fixed Volume Value Headphone Direct Volume God Disable Notel TV Menu Hotel Mode Pin8	Disable Setup Menus
Headphone Direct Volume Osd Disable Hotel Mode Pin8 Last Status Panel Lock RCU Inhibit Startup Osition Startup Osition Startup Osition Startup Channel Volume Limit Fixed Volume Value Headphone Direct Volume Osd Disable Hotel TV Menu Hotel Mode Pin8 Last Status	Disable Setup Menus
Headphone Direct Volume Osd Disable Hotel TV Menu Hotel Mode Pin8 Last Status Panel Lock RCU Inhibit Startup Position Startup Channel Volume Limit Fixed Volume Enable Fixed Volume Direct Volume Osd Disable Hotel TV Menu Hotel Mode Pin8 Last Status Panel Lock	Disable Setup Menus
Headphone Direct Volume Osd Disable Hotel TV Menu Hotel Mode Pin8 Last Status Panel Lock RCU Inhibit Startup Position Startup Channel Volume Limit Fixed Volume Enable Fixed Volume Enable God Disable Hotel TV Menu Hotel Mode Pin8 Last Status Panel Lock RCU Inhibit	Disable Setup Menus
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Headphone Direct Volume Osd Disable Hotel TV Menu Hotel TV Menu Hotel TV Menu Last Status Panel Lock RCU Inhibit Startup Position Startup Channel Volume Limit Fixed Volume Enable Fixed Volume Charles Hotel TV Menu Hotel Mode Pin8 Last Status Panel Lock RCU Inhibit Startup Position Startup Channel Hotel Mode Pin8 Hotel TV Menu Hotel Mode Pin8 Last Status Panel Lock RCU Inhibit Status Panel Lock RCU Inhibit Fixed Volume Enable Fixed Volume Fixed Polyone Direct Volume Osd Disable	Disable Setup Menus
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Osd Disable

[Startup Position]

Select startup program/source when TV is switched on via Power On key or Digit keys.

- Auto TV wakes up in last used channel/source.
- TV: The TV set wakes up with the channel specified in Startup Channel field
- SCART / Side AV / HDMI1/ YPbPr / VGA_PC

[Startup Channel]

Feature to select the startup channel.

[Volume Limit]

Feature to set the maximum volume level.

Selectable values between 0-63.

[Fixed Volume Enable]

Feature to set Volume to a set Fixed Volume Volume is fixed to the level defined at the option: Fixed Volume Value

[Fixed Volume Value]

Feature to set the Fixed Volume value. Selectable values between 0-63.

[Headphone direct Volume]

Controls Head Phone out volume instead of TV speakers. TV speakers volume are set to Last Status before Hotel Mode is activated



Hotel TV Menu		
Hotel Mode	On	i
Pin8	Off	
Last Status	Off	
Panel Lock	Off	
RCU Inhibit	Off	
Startup Position	HDMIT	
Startup Channel		1
Volume Limit -		• 65
Fixed Volume Enable	Off	
Fixed Volume Value -		20
Headphone Direct Volume	Disabled	
Osd Disable	Disable Setup Menu	5 1

Osd Disable	Disable Setup Menu	
Teletext	6 On	
Copy To USB	OK	
Copy From USB	ок	
Wakeup Time Channel		
Wakeup Time Volume		- 40
Usb Option	On	
Fixed Pic. Mode	Off	
Digital Tuner	On	
Multiple RC support	Off	
Welcome Screen	On	
NIT Update	Off	

Osd Disable	Disable Setup Menus	
Teletext	On	
Copy To USB	. OK	
Copy From USB	OK	
Wakeup Time Channel		
Wakeup Time Volume		
Usb Option	On	
Fixed Pic. Mode	Off	
Digital Tuner	On	
Multiple RC support	Off	
Welcome Screen	On	
NIT Update	Off	

Osd Disable	Disable Setup Menus	
Copy From USB	06	
Wakeup Time Channel	0	
Wakeup Time Volume		
Usb Option	On	
Fixed Pic. Mode	Off	
Digital Tuner		
Multiple RC support		
Welcome Screen		
NIT Update	Off	



Hotel TV Menu		
Osd Disable	Disable Setup Menus	
Teletext	On	
Copy To USB	ок	
Copy From USB	OK	
Wakeup Time Channel		
Wakeup Time Volume	40	
Usb Option	On	
Fixed Pic. Mode	Off	
Digital Tuner	On	
Multiple RC support	Off	
Welcome Screen	On	
NIT Update	Off	

[OSD Disable]

Feature to hide menu items when the Remote Control Menu key is pressed.

- Disable All Menus :all menu icons are hidden
- Disable Setup Menus: Picture, sound, settings and media browser menu icons are displayed.

When [Hotel Mode] is set to Off, all TV menu items will be displayed (picture, sound, settings install and retune, channel list, media browser). If OSD Disable is set to Disable All Menus, the EPG will not be displayed.

[Teletext]

Feature to hide the Teletext display.

- On: to enable Teletext activation.
- Off: to hide Teletext.

[Copy To USB]

Feature to copy configuration and channel settings. Press "OK" to copy settings to a USB device connected on the side USB connector.

[Copy From USB]

Feature to copy configuration and channel settings from a USB device. Select "OK" to copy settings from a USB device

[Wakeup Time Channel]

Feature to set the channel to view when the TV wakes up.

• Use the digits button(s) on the remote to complete the entry field

All timers and events are not possible to set once all menus are hidden.

[Wakeup Time Volume]

Feature to set the wakeup time volume level. Selectable values between 0-63.



Sector Sector Sector	
Hotel TV Menu	
	Disable Setup Menus
Copy To USB	On OK
	OK
	0
Wakeup Time Volume Usb Option	
Fixed Pic. Mode	Off
Digital Tuner	On
Multiple RC support	Off
Welcome Screen NIT Update	On Off a
itti opuote	Ť
HoteL TV Menu	
	Disable Setup Menus
	On
	OK
Copy From USB Wakeup Time Channel	OK O
Wakeup Time Volume	40
	On
Fixed Pic. Mode	* 011 ×
Digital Tuner Multiple RC support	On. Off
Welcome Screen	On
NIT Update	Off p
Here's The second	
Hotel TV Menu Osd Disable	
Teletext	Disable Setup Menus On
	OK
	OK
Wakeup Time Channel	0
Wakeup Time Volume Usb Option	
Fixed Pic. Mode	off
Digital Tuner	< 0n ≯
Multiple RC support	Off.
Welcome Screen NIT Update	On Off •
	T
Hotel TV Menu	
Osd Disable	Disable Setup Menus
	On
Copy To USB Copy From USB	OK
Wakeup Time Channel	OK O
Wakeup Time Volume	40 e
Usb Option	On
Fixed Pic. Mode	Off
Digital Tuner Multiple RC support	On K
Welcome Screen	On
NIT Update	Off
Hotel TV Menu	
Osd Disable	M-U-
usa Disable Teletext	Disable Setup Menus On
Copy To USB	OK
	OK.
Wakeup Time Channel	0
Wakeup Time Volume Usb Option	40 On
Fixed Pic. Mode	Off
Digital Tuner	On
Multiple RC support	Off
Welcome Screen NIT Update	Con S
ant opene	0
Hotel TV Menu	
Osd Disable	Disable Setup Menus
Teletext	On
Copy To USB	ок
Copy From USB Wakeup Time Channel	ок
Wakeup Time Valuma	0

Off On Off

[USB option]

Feature to detect if a USB device is connected.

- On: to enable USB device detection.
- Off: to disable USB device detection.

When [Off] the Media Browser icon will be displayed but cannot be activated.

[Fixed Pic. Mode]

Feature to hide the picture menu icon

• Off: picture icon is displayed amongst all menus.

• On: picture icon is hidden

[Digital Tuner]

- Off: mixture of analog and digital channels
- On: digital channels only

[Multiple RC support]

Feature to enable the Multi RC.

- Off: feature is disabled
- On: feature is enabled and shows which RC is set

[Welcome Screen]

Feature to show a welcome screen at startup

- On: a welcome screen is shown
- Off: a welcome screen is hidden

[NIT Update]

If this option is enabled LCN information's will be updated automatically. This option is available only for Nordic countries.

Recommended action is to disable NIT table.



Osd Disable	Disable Setup Menus
Teletext	On
Copy To USB	ок
Copy From USB	ок
Wakeup Time Channel	
Wakeup Time Volume	
Usb Option	On
Fixed Pic. Mode	Off
Digital Tuner	On
Multiple RC support	off
Welcome Screen	On
NIT Update	Off
High Security	4 0//
Navigate Back	Change Value

Teletext	On	
Copy To USB	OK	
Copy From USB	OK	
Wakeup Time Channel	0	
Wakeup Time Volume		- 40
Usb Option	On	
Fixed Pic. Mode	Off	
Digital Tuner	On	
Multiple RC support	Off	
Welcome Screen	On	
NIT Update	Off	
High Security	Off	
Reset to Default Values	014	
Navigate	OK Do Operation	-

Hotel TV Menu		
Copy To USB	ОК	
Copy From USB	OK	
Wakeup Time Channel	0	
Wakeup Time Volume		- 40
Usb Option	On	
Fixed Pic. Mode	Off	
Digital Tuner	On	
Multiple RC support	Off	
Welcome Screen	On	
NIT Update	Off	
High Security	Off	
Reset to Default Values	ОК	
EPG Enable/Disable	< Enabled	2
Navigate	Change Value	

[High Security]

If you set this option as ON, the Hotel TV menu will be accessible only with Philips master remote control.

[Reset to Default Values]

Highlight this option and press the OK button on the remote to return the TV to default settings.

Note: Only Hotel TV options will be affected by this action. TV channels will not be deleted.

[EPG Enabled/Disable]

Enabling this option will make EPG available when Hotel TV mode is active.



11. Welcome Logo

Once this feature is configured and set, the welcome image will be displayed within 8 seconds after switch on. This page will remain until a key on the RC is pressed.

How to upload Welcome Logo

- 1. Create a graphics file: 960 x 540.png with the logo. Maximum size of the file is 150 kb.
- 2. File name: hotel_wel.png (File name is case-sensitive)
- 3. Create a folder named "welcome_image" on your USB key.
- 4. Save the image into the "welcome_image" folder on you USB key.
- 5. Insert the USB device into TV.
- 6. Enter the Hotel Mode.
- 7. Select the option: Copy from USB.
- 8. Make sure that option Welcome screen is set to ON

Note: For the welcome picture, there is a color lookup table used that is limiting the number of colors available to display. This can result in certain display color artifacts and using a limited number of different color values can improve this.



12. Clone

With cloning it is possible to copy to/from a USB device the configuration data and the channel list data from a TV. Place a USB Memory stick in the USB side connector of the TV.

*The USB device should be formatted as FAT or FAT32.

Access the Hotel Mode Menu with the RC 8573 (yellow remote) or with the guest remote by entering the key sequence **3,1,9,7,5,3,MUTE** and navigate with the TV remote to following items:

[Copy from USB]

- 1. Select [Copy from USB] and press OK.
- 2. The clone data will be loaded from the USB device into the TV.
- 3. Wait until the OSD message returns to its earlier state before removing the USB device.
- 4. Power down the TV and remove the USB device.

[Copy to USB]

- 1. Select [Copy to USB] and press OK.
- 2. The clone data will be loaded from the TV into USB device.
- 3. Wait until the OSD message returns to its earlier state before removing the USB device.

Content of the USB key:

		State and a period and the real	STR. of CO., Manhood Street Stre
ter 🕨 (G:) STORE	N GO 🕨	 ✓ ✓
ith 🔻	Burn	New folder	
		LCONE00001	

Because the clone data is stored inside a folder, multiple clone data can be stored on the same USB key.

The cloning is compatible between all screen sizes.

9. Feature settings

[Multi RC]

Enter the MultiRC Menu Feature to configure the remote control to work with one TV. To enter the MultiRC Menu on TV press the key sequence: MENU, RETURN, 1,2,3,4. On the TV a menu will guide you to select the desired TV configuration. Choose a number between 1 and 4 to assign to the TV. Afterwards configure the remote control for the same number as the TV by keeping MENU (HOME)+ the Digit pressed for 5 seconds.

The HFL2809 supports a maximum value of four remotes. The default value is Remote 1.

Remote 1: Press MENU (Home) + 1 (for 5 seconds). Remote 2: Press MENU (Home) + 2 (for 5 seconds). Remote 3: Press MENU (Home) + 3 (for 5 seconds). Remote 4: Press MENU (Home) + 4 (for 5 seconds).

Example: TV is configured for Multi RC 2. Remote control: Press MENU (Home) + 2 (for 5 seconds).

!!Note: Before disabling the Hotel TV for any reason, reset the multi RC to default. The reset procedure is explained below.

Enter the MultiRC Menu Feature to reset the MultiRC feature for the TV or for the remote control. To enter the MultiRC Menu:

• Press key sequence: MENU, RETURN, 4,3,2,1

On the TV you will see a dialog, "Reset OK?" Press the OK key to reset the system. After resetting, the system will return to the factory default.

To reset the remote control to default value press MENU + 1 (for 5 seconds).

10. CSM (Consumer Setup menu)

Enter Service Menu

It is only possible to enter the Service Menu if the Hotel Mode is disabled. Enter the Hotel Mode menu and set the Hotel Mode to "Off"

To enter the Service Menu:

• Press the following key sequence: Menu, 1,2,3,6,5,4

No items can be selected in the Service Menu. The software version number will show as VES141HE_x.y.z

Video Settings	USB Logging	2 off	-
Audio Settings	oob Logging	S Off	
Options 1			
Options 2			
Options 3			
Tuning Settings			
Source Settings			
Diagnostic			
USB Operations			
Model No: ?]500 Serial No: TV Life Time: 1493 minutes Tv APS Time: Fri Booltoader: V 1.9 PCF-28 VESWNVX.NO1_169WXGA_EN_NO_P.N PGF: pg_Tull Hd (02) A0F: A0 GW PEO9 SR2 (V0000003) 825R27F253 T54186MMDE38P 15928_M80002 05.02.2014_SAMPLE HW Profile Version: 033 SW Profile Version: 05 Boot Logo Mame: NULL	D_ER_XX_82_(04) O_ER_XX_82_(V.0.0.1) HC02YEV076		

Channel List Editor

Appendix 1

The Channel List Editor PC tool enables editing exported XML channel list files in a way that is more understandable and user friendly.

Note: XML means Extensible Markup Language

Channel list should be exported from a TV set using the option available in the following menu (make sure that Hotel mode is set to OFF):

- 1. Insert the USB key on the side connector of the TV.
- 2. Enter the MENU and navigate to Channel list.
- 3. Select the option "Export Channel list to USB".
- 4. When the process is complete remove the USB key.

The PC Tool can create a new empty channel list without importing channels on the TV, but we do not recommend this mode of use due to the high level of possible errors that can be entered by the user (wrong parameters or channel type).

When we export the channel list from the TV, on the USB drive there will be a file called "channelTable.xml" in the root folder. You can open that list for editing from within the PC tool using the 'Open' option. It will import all the channels and load them according to the Network Type (DVB-S, DVB-T...). Channels can be moved inside its Network Type, added to favorites, channel info can be edited, removed, new channels can be added.

Multiple selection of the channel can be performed but the edit option is limited in that case depending on the desired action performed. Moving channel triggers renumbering of the other channels depending on the move result. There are two modes, LCN renumbering and non LCN renumbering.

For the Channel List editor we recommend usage of a PC with Windows XP or Windows 7 and .Net framework 2.0 and 3.5 should be installed. Currently only English is supported for the graphical user interface.



Interface description and usage

1. Main window

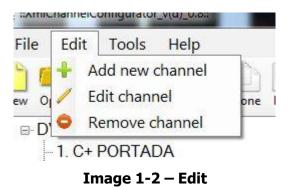
📲 ::XmlChannelConfigurator 2.0.6 Hotel TV	The loss line line is		×
File Edit Tools Help			
New Open Save Undo Redo Add Clone Edit Remove List Settings Help			
Country: All - Genre: All genre - Only Encrypted	Common Service Params	S	- 50
re 1. ProSieben (DVB-T)	Network Type:	DVB-T	*
- 2. kabel eins [DVB-T]		-	_
3. N24 [DVB-T]	Sevice Name:	ProSieben	
4. BBC One Lon [DVB-T]	Channel Number:	1	
5. BBC Two Eng [DVB-T] 6. BBC One West [DVB-T]	Service Type:	Digital television service (1)	-
			=
8. BBC One East W [DVB-T]	Country:		-
9. BBC One CI [DVB-T]	Genre:	All genre	-
	0	Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked Locked	
- 11. ProSieben (DVB-T) - 12. kabel eins (DVB-T)		Locked LI PEncrypted LI	
- 13. N24 [DVB-T]	DVB Triplet		
14. SAT.1 Gold [DVB-T]	Network ID:	0	
- 15. SAT.1 Bayern [DVB-T]			_
16. SAT.1 NRW [DVB-T] 17. BBC Lifestyle [DVB-C]	Service ID:	17501	
- 18. BBC Knowledge [DVB-C]	Transport Stream ID:	0	
19. Hustler TV [DVB-C]			_
20. Hustler Blue [DVB-C]	Tuner Configuration		
21. Bonus [DVB-C] 22. AVA [DVB-C]	Frequency:	114500	
- 22. AVA [DVD-C]			
-24. DR1 HD [DVB-C]			
25. Das Erste HD [DVB-C]			
26. arte HD [DVB-C]			
- 27. SWR BW HD [DVB-C]			
28. SVT1 [DVB-C] 29. SVT2 [DVB-C]			
Total number of channes: 84 List version: 1 Loaded list: H:\channelTable.xml			_

The Main menu consists of pretty much the same options as the toolbar below, with the exception of "Save as" and "Exit" options from the File submenu.

The "File" submenu consists of standard options as it can be seen on the Image 1-1 - File

File	e Edit	Tools	Help
۵	New	Ctrl+N	
2	Open	Ctrl+O	avorit
B	Save	Ctrl+S	
	Save A	s	
	Exit		

The "Edit" submenu consists of controls to "Add", "Edit" and "Delete" the current selected channels in the list.





The "Tools" submenu consists of "Settings" and "Preferences" (**Image 1-2- Tools**). "Settings" open the Channel list settings dialog where a user can change Satellite configuration and Country (currently not used). "Preferences" opens a dialog for managing application settings (Satellite names, Countries, User band values).

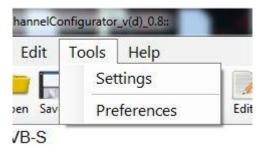


Image 1-2- Tools

The "Help" submenu provides basic help about how to use the channel list editor tool. The Toolbar provides shortcut icons for basic operations with channels and channel list.

The first group from the left provides file operations. Next to that are the options that provide channel managing operations and the last group provides list settings and help.



Image 1-3 – Toolbar

Under the tool bar there is a list of channels from the loaded list sorted by network type in a tree view.

 1. BBC Two Eng [DVB-C] 2. BBC One Lon [DVB-C] 3. BBC One West [DVB-C] 4. BBC One East W [DVB-C] 5. Das Erste HD [DVB-C] 6. arte HD [DVB-C]
-7. SWR BW HD [DVB-C]
 8. SR Fernsehen [DVB-C] 9. TVP Polonia [DVB-C] 10. TVP INFO [DVB-C] 11. TVP Kultura [DVB-C] 12. TVP Historia [DVB-C] 13. CBeebies [DVB-C] 14. Bayern 2 [DVB-C] 15. Bayern 1 [DVB-C] 16. BR-KLASSIK [DVB-C] 17. hr-iNFO [DVB-C] 18. WDR 3 [DVB-C] 19. WDR 4 [DVB-C]

Image 1-4 - Channel list tree view

On the right part of the main windows the currently selected channel details are loaded. It consists of one mandatory group:



Common Service Param	5	
Network Type:	DVB-C	v
Sevice Name:	BBC Two Eng	
Channel Number:	1	
Service Type:	Digital television service (1)	Ŧ
Country:	"United Kingdom"	Ŧ
Genre:	All genre	Ŧ

Image 1-5 - Common Service Params

And, depending on the Network Type of the currently selected channel, different additional groups can be displayed:

Network ID:	1	
Service ID:	9901	
Transport Stream ID:	1116	

Image 1-6 - DVB Triplet

Values in DVB Triplet are only present when DVB channels are selected, for Analogue channels values in this group are empty.

Frequency:	634000	
Modulation:	128QAM	
Symbol Rate:	6875	

Image 1-9 - DVB-C

When the form is in adding or edit state new buttons are added under the "Tuner Configuration" group:

Network Type:	DVB-C
Sevice Name:	BBC Two Eng
Channel Number:	1
Service Type:	Digital television service (1)
Country:	"United Kingdom"
Genre:	All genre
DVB Triplet	-
DVB Triplet	
Network ID:	2
Service ID:	6302
Transport Stream ID:	115
	115
	115 634000
Tuner Configuration	
Tuner Configuration Frequency:	634000

Image 0-7 - Edit state



2. Editing channel list

The Channel list editing can be performed easily with use of the toolbar buttons: Add, Favourite, Clone, Edit, Remove. More than one channel can be selected by holding SHIFT or CTRL and right mouse click.

■ :XmlChannelConfigurator 2.0.6 Hotel TV	
File Edit Tools Help	
New Open Save Undo Redo Add Clone Edit Remove List Settings Help	
Country: All Genre: All genre Only Encrypted Country: All Genre: All genre Only Encrypted C Genre: All genre Only Encr	Common Service Params Network Type: DVB-C Service Name: BC Two Erro Channel Number: 1 Service Type: Digital television service (1) Country: 'United Kingdom'' Genre: All genre Clocked P Encrypted DVB Triplet Network ID: 2 Service ID: 6302 Transport Stream ID: 115 Tuner Configuration Frequency: 634000 Modulation: 128QAM Symbol Rate: 6875
Total number of channes: 19 List version: 1 Loaded list: G\channelTable.xml	Save Cancel

Image 2-1 - Add

Add – changes the state of the main form to add state and empty's all the fields so the user can enter new values. Only when in the add state the 'Network Type' combo box is enabled. When correct values are entered the user can save with pressing the "Enter" key or pressing the "Add" button.

File Edit Tools Help)		
Country: All • Genre: All genre • Only Encrypted □ -2. BBC One Lon [DVB-C] -3. BBC One Vest [DVB-C] -4. BBC One East W [DVB-C] -5. Obs Erste H0 [DVB-C] -5. Obs Erste H0 [DVB-C] -8. SR Femsehen [DVB-C] -9. TVP Plonia [DVB-C] -10. TVP INFO [DVB-C] -11. TVP Kultura [DVB-C] -12. TVP Hatoma [DVB-C] -14. Bayem 2 [DVB-C] -15. Bayem 1 [DVB-C] -16. BR+KLASSIK [DVB-C] -16. BR+KLASSIK [DVB-C] -17. hr-NF-0 [DVB-C] -18. WOR 3 [DVB-C] -19. WDR 4 [DVB-C]	Sevice Name: Channel Number: Service Type: Country: Genre:	DVB-C Digital television service (1) All genre Locked All genre Locked All Joint Content of the service of the	•

Image 2-2 – Clone



Clone - is much like Add just instead of leaving all the fields empty it will keep all the values from the previously selected channel except for values that needs to be unique (Service Name, Channel Number...) for easy adding of new channels on the same frequency. Depending on the Network type more or less parameters are copied. In case the user changes the Network Type all fields will be cleared and drop back to regular Add mode. When the correct values are entered the user can save with pressing "Enter" key or pressing "Add" button. Clone is disabled for analogue channels because all analogue parameters need to be unique.

File Edit Tools Help			
w Open Save Undo Redo Add Clone Edit Remove List Settings Hel	p		
Control Centre All genre Only Encrypted 1 BEC Two Exc [0V8-C] - 3 BBC Two Exc [0V8-C] 2 BBC One Lon [0V8-C] - - 3 BBC One East W [0V8-C] - - -6 Jate HD [0V8-C] - - -6 Jate HD [0V8-C] - - -7 SWR BW HD [0V8-C] - - -10 TVP N#0 [0V8-C] - - -11 TVP N#10 [0V8-C] - - -12 TVP Hatona [0V8-C] - - -13 CBeebes [0V8-C] - - -14 Bayen 1 [0V8-C] - - -15 BAyut ASK [0V8-C] - - -16 ReVAR 3 [0V8-C] - -	Common Senice Param Network Type: Sevice Name: Channel Number: Senice Type: Country: Genre: DVB Triplet Network ID: Senice ID: Transport Stream ID: Tuner Configuration Frequency: Modulation: Symbol Rate:	DVB-C Digital television service (1) "United Kingdom" All genre Locked O PEncrypted O 634000 (128QAAM 6875 Add Cance	- -

Image 2-3 – Edit

Edit – enables editing of the currently selected channel info. When correct values are entered the user can save with pressing the "Enter" key or pressing the "Save" button.

Delete – removes the channel from the list. When a single service channel is selected and you are trying to delete, a message will appear asking the user to confirm deletion of the channel with the corresponding name. In case more than one channel is selected it will only inform the user of the number of channels that will be deleted.

Country: All Genre All genre Only Encrypted I I BBC Two Eng (DVB-C)	Common Service Parami	
	Network Type:	
-2. BBC One Lon [DVB-C] -3. BBC One West [DVB-C]	Sevice Name:	CBeebies
-4. BBC One East W [DVB-C]	Channel Number.	13
- 5. Das Erste HD (DVB-C) - 6. arte HD (DVB-C)	Service Type	Digital television service (1)
-7. SWR BW HD [DVB-C] -8. SR Fernsehen [DVB-C]	Country:	"United Kingdom"
- 9. TVP Polonia [DVB-C] - 10. TVP #6F0 [DVB-C] Service deletion	Genre	All genre
15. Bayen 1 [DVB-C] 16. BRKLASSK [DVB-C] 17. hr4Po [DVB-C] 18. WDR 3 [DVB-C] Ves	No Ice D	6318 116
- 19. WDR 4 [DVB-C]	Turier Configuration Frequency:	634000
	Modulation:	128QAM -
	Symbol Rate	6875

Image 2-4 - Delete



Move - Moving a channel or a selection of channels can be done using drag and drop options. Select the TV channel and move it to desired position. Moving a channel will cause renumbering of the channels.

Note: you cannot assign numbers to TV channels, channel numbers will be assigned based on arranged list. Move is possible only in the same subcategory; moving channel from DVB-S to Analogue will display the message below (**Error! Reference source not found.**):

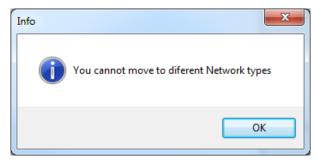


Image 1-8 - Info message

Limitations and constraints

Service name length is not explicitly defined in DVB standard. Only limitation is the size (8bit) reserved for the value in SDT descriptor that defines the service name length, this compiles to 255 char string.

Channel number or LCN can take values from 1 - 9999 as it is defined in the code. These limitations are applied in the editor.

Save – when the channel list is according with the requirements press "Save" button for saving the channel list. This option will rewrite the open file and save it in the same location.

If you want to save the file in another location please use the "Save As" option from the File menu.

3. Import channel list to TV

To import the channel list back to the TV requires the USB drive with the file **channelTable.xml** saved on the root of the drive. To import the channel list back to the TV the following steps should be followed (make sure that Hotel mode is set to OFF):

- 1. Insert the USB key on the side connector of the TV.
- 2. Enter the MENU and navigate to Channel list.
- 3. Select the option "Import Channel list to USB".
- 4. When the process is complete remove the USB key.

Do check the channel list before saving the cloning data.