

# **TV** USER GUIDE



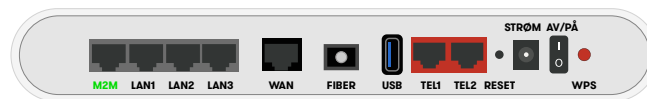
**altibox**

<b>1</b>	CONNECT TO HOME HUB	P 3
<b>2</b>	NAVIGATE USING THE REMOTE CONTROL AND KEYBOARD	P 8
<b>3</b>	TV-PORTAL AND SERVICES	P 10
<b>4</b>	ALTIBOX TV OVERALT (ALTIBOX TV ANYWHERE)	P 13
<b>5</b>	PVR SET-TOP BOX	P 14
<b>6</b>	FOOTBALL SERVICES FROM ALTIBOX	P 28
<b>7</b>	SETTINGS	P 31

## ALTIBOX TV **1** Connect to home hub

This user guide describes how to connect the set-top box to the home hub and TV and how to navigate using the remote control and keyboard, the TV portal and services, along with a few settings that can be useful to know

1. From the home hub you set up the distribution network. You can read more about this in the guide 'Excavation and cabling'. A wireless TV set up can replace Ethernet cable between the set-top box and the home hub.
2. The start package includes a 10 m network cable. If you need further cables these are available from computer equipment stores. Use a non-twisted network cable Cat. 5E or higher category, between the home hub and the set-top box.
3. You connect the cable from the home hub to the point where the TV and set-top box are to be located. You connect the network cable to the home hub in one of the ports marked Ethernet 2-4. The network cable is then connected to the rear of the set-top box in the socket marked ETHERNET, if you have more than three TVs, you must use a single network switch that supports 100Mbps. These are also available from computer equipment suppliers.



## ALTIBOX TV 1 Connect to home hub

4. How to connect the set-top box to the home hub and TV:

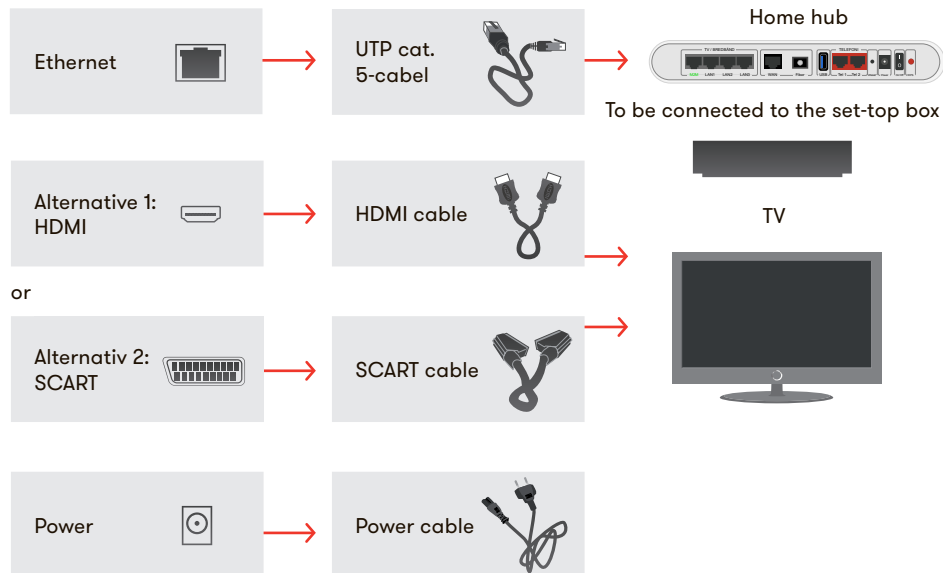
For further information – see guide that comes with the set-top box or see [altibox.no/brukerveiledninger](http://altibox.no/brukerveiledninger)



We recommend that you use HDMI cable that almost all TVs made after 2005 have. HDMI will give the best picture quality. Follow the instructions on the set-top box on start-up, or see the installation guide that came with the set-top box.

Connections on the rear of the set-top box:

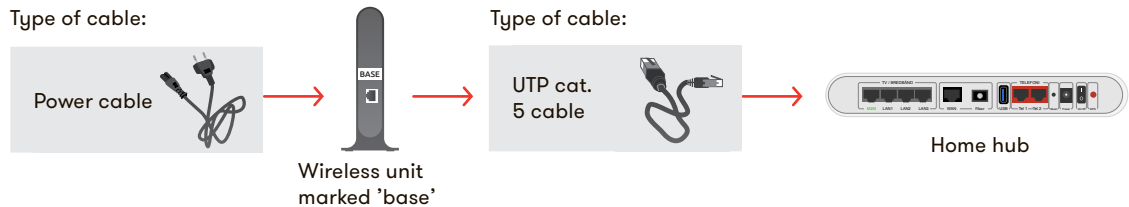
Type of cable:



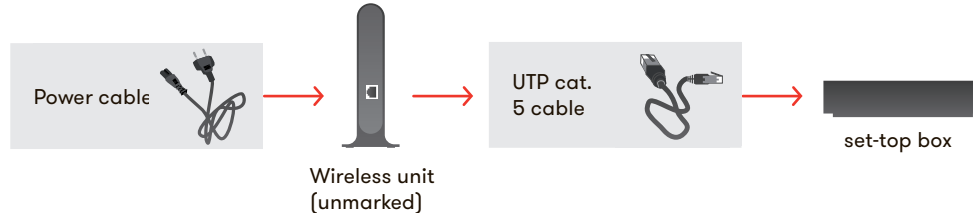
## ALTIBOX TV **1** Connect to home hub

### Wireless TV

1. Connect the unit marked 'BASE' to the power and the network cable to the TV socket on the home hub.



2. Connect the other (unmarked) unit (receiver) to the power. Then connect the network cable to the set-top box.



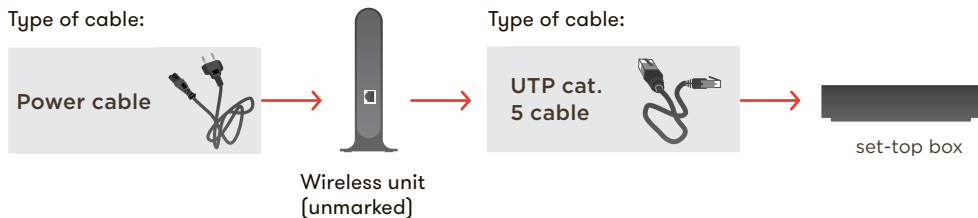
3. Wait 60 seconds, then the system will be ready for use.

## ALTIBOX TV **1** Connect to home hub

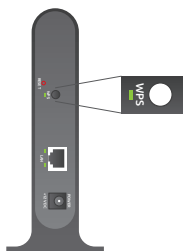
### WIRELESS TV - EXTRA RECEIVER

1. Make sure that the unit marked 'BASE' is connected to the power and by a network cable to a TV socket on the home hub.

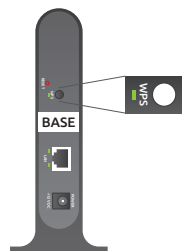
2. Connect the extra receiver to the power and with the network cable to the set-top box



3. Wait 60 seconds then the WPS button for two seconds on the extra receiver.



4. You now have 2 minutes to press the WPS button for two seconds on the unit marked 'BASE'.



5. The system is ready for use.

## ALTIBOX TV **1** Connect to home hub

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5. Start-up: When the set-top box is connected to the TV, the home hub and the power supply, you will see a similar picture on the screen:



If you do not see the picture, check that you have selected the correct socket on the TV.

6. The set-top box is now connected to a network and will download the required software. Wait until the download process has completed.
7. The dots on the screen will change colour during the start-up of the system. Initially, all of the dots will be grey. If the connection fails, you will see the following message: 'Tv-portal utilgjengelig' (TV portal unavailable). All five dots will be green when the system is ready. In the installation guide that came with the set-top box you will find further information concerning possible reasons and solutions if the TV portal continues to be unavailable.

## ALTIBOX TV 2 Navigate using the remote control



### 1 Standby

To use the standby function. To switch the unit on again, press the standby button one more time.

### 2 Radio

Shortcut to radio service.

### 3 Numerical buttons (0-9)

Direct access to channels. If the channel number has two digits, the second digit must be pressed within 2 seconds. The numerical buttons can also be used to enter text (text message buttons)

### 4 Menu

Opens the menu where this is available.

### 5 TV

Opens the TV image.

### 6 Info

Shows extended information where this is available.

### 7 Coloured buttons

The functions of the colour buttons varies. However, in general they can be described as follows:

- [Red] end/close/back
- [Green] opens epg/TV guide
- [Yellow]: opens the film rental service
- [Blue]: activates interaction

### 8 Arrow keys

For navigating.

### 9 OK

Confirm your selection.

### 10 TV portal

To open the TV portal that will give you access to a number of services.

### 11 Tilbake (Back)

Hold the red button for 2 seconds to switch between the last two channels viewed.



### 12 TV guide

Opens the TV guide that shows an overview of your channels.

### 13 Volume

Adjust the sound level.

### 14 Programme selection

Use   to select next or previous channel, and to move to the next/previous page in the TV guide.

### 15 Mute





Press volume - for two seconds to switch on/off sound.

### 16 My recordings






Opens your recorded programmes.

### 17 Control buttons

To control film playback:

-  Stop
-  Play/pause
-  Jump 9 mins back/forward
-  Fast rewind/forward

To control records:

-  Stop
-  Play/pause
-  Jump 4 mins back/forwards
-  Select the number of minutes to jump back/forwards
-  Fast rewind/forward

### 18 REC\*

 Activates recording on the applicable channel.

### 19 Text

Opens teletext pages.

\* requires a set-top box with a recording function (PVR)



## ALTIBOX TV 3 TV portal and services

### Banner

– Here you will find the most recent releases in our film rental service, campaigns and interesting offers.

### Se tv (See TV)

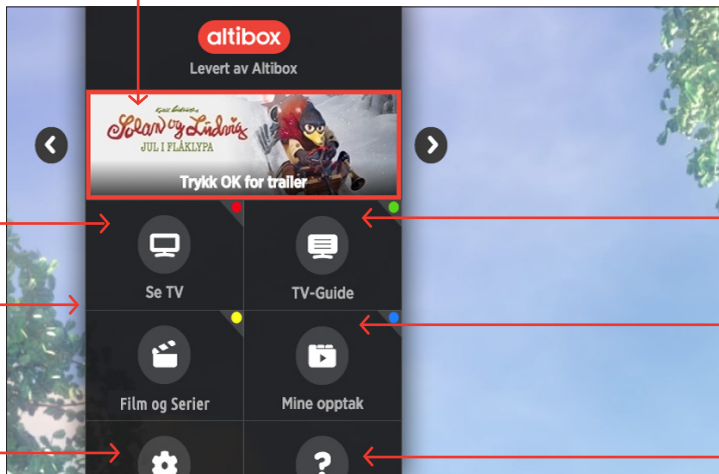
– The red button opens live TV.

### Film og Serier

– The yellow button will open the film rental service. Choose from several thousand films and TV series.

### Innstillinger (Settings)

– Here you can change among other things, the language, restart the set-top box, set up favourite channels and sort TV channels.



### TV guide

– The green button will open the extended TV guide that contains the programme times for all channels for the next 14 days.

### Mine opptak (My recordings)

– The blue button opens Mine opptak (My recordings), which will show all of the recordings you have made on your Altibox video recorder (PVR).

### Tjenester (Services)

– Support films, ordering of TV and broadband products, First Aid, Radio, aquarium and log fire in HD.

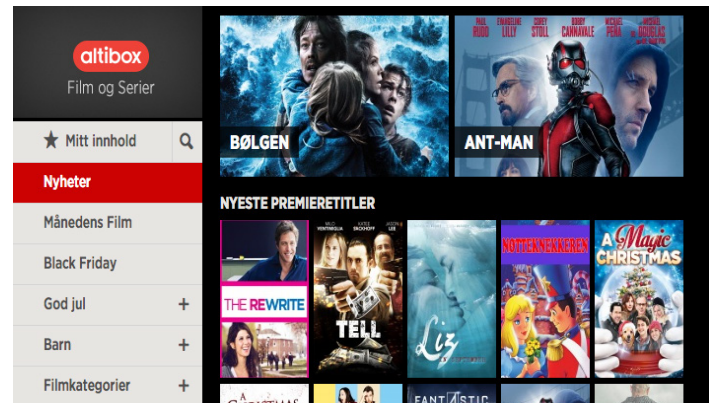
## ALTIBOX TV **3** TV portal and services

Here are some tips on how you can use the services in the TV portal.

### ALTIBOX FILM OG SERIER YELLOW BUTTON

How to purchase and rent films and TV series:

- Press the yellow button on the remote control to go to the portal for film rental.
- The portal has a start page that presents film and TV series news and tips about what you can find in the film service.
- Select the desired category of film by pressing the up and down arrow buttons on your remote control. Use the OK button to confirm your selection.
- Search for title begins immediately when you begin to enter letters via the numerical buttons on the remote control. The buttons work in the same way as on a mobile telephone. You can switch between letters and numbers.
- 'Mitt innhold' (My Content) gives you an overview of the films for which the rental period has not yet expired, those you have added to your reminder list and an overview of the films you have seen and film you have purchased.
- Under 'Innstillinger' (Settings), you can switch on, remove or change your pin code for film rental services.
- The films and TV series that you rent or purchase are charged to the monthly invoice from your Altibox provider.



## ALTIBOX TV 3 TV portal and services

### TV GUIDE ● GRØNN KNAPP

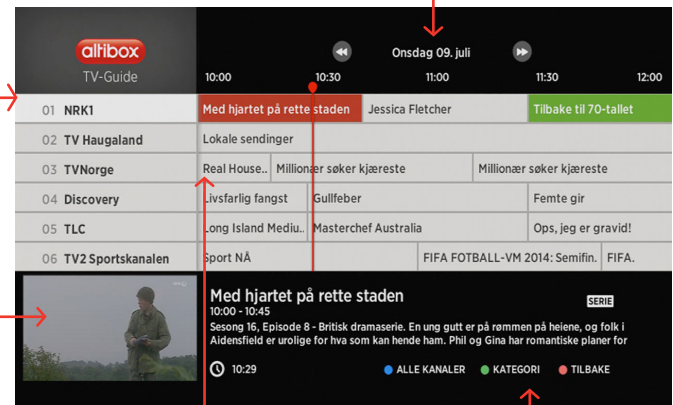
Have full control of your TV viewing with the TV guide

Your available channels

Highlight the desired programme in TV guide and press 'OK' to see the menu of the various functions:

- **Se kanal** (Show channel) – show the channel in full-screen.
- **Mer informasjon** (More information) – see a more detailed description of the programme.
- **Ta opp** (Record)– Register a planned recording of the highlighted programme.
- **Start serieopptak** (Start series recording)– Register a series recording on the highlighted series.
- **Gi varsling ved programstart** (Notify start of programme)– Shows an information box on the screen when the programme starts, with the opportunity to switch channels.
- **Bytt til kanal ved programstart** (Switch to channel on start of programme)– Switches to the selected channel when the programme begins.
- **Opptak på tid** (Recording, for a set length of time)– Independent of the TV guide, you can set recording from one time to another, for any desired channel. The recording time can be repeated daily or weekly.
- **Mine opptak** (My recordings)– Lists up your stored recordings.
- **Lukk** (Close)– Closes the TV guide menu and returns to live TV.

The buttons ◀ and ▶ fast forward one day or go back one day. You can see extended programme information from 7 days up to 14 days. The buttons ⏪ and ⏩ on the remote control fast forward two hours or go back two hours.



Today's TV programmes on all channels.

Choose between all channels or just your favourite channels. You can select your favourite channels by going to:

TV PORTAL – SETTINGS – SELECT FAVOURITE CHANNELS

Altibox TV Overalt (Anywhere) is available at no extra cost for all Altibox customers that have Altibox TV Basic. With the Altibox TV Overalt app you can also watch TV and films on your tablet, mobile device and computer.

To use Altibox Overalt on a tablet or mobile device, you must first download the application from either the App Store or Google Play.

From your computer: Login to <http://tvovertalt.altibox.no/> to use the service.

Two users per household can use the service at the same time. For outside use, only one user.

## How to start Altibox TV Overalt:

1. Start the application or open the webpage
2. If you are connected to the whole network, you will be logged in automatically
  - To rent or purchase films and TV series you must log in with your user name and password.
3. If you are outside of your home network, you must login with your user name and password.

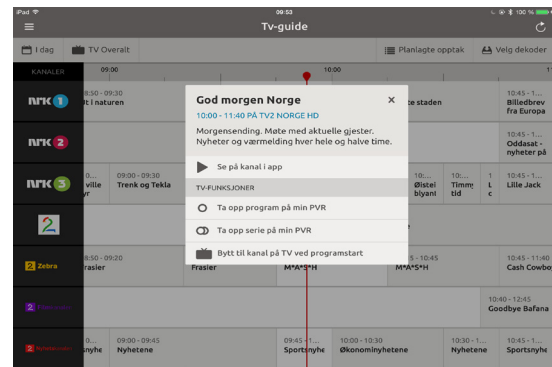


## Fast rewind

The fast rewind function in Altibox TV ensures that the TV channels are adapted to your requirements. You can rewind or jump to the start of the programme for three hours on most channels.

## Start recording

You can log onto the TV Overalt app from anywhere in the world. In the app, you will find the TV Guide and you can start and stop recording of your favourite programmes.



## ALTIBOX TV Purchasing and leasing films on tablets or mobile devices

### IPHONE OR IPAD:

1. Rent or purchase the film you wish to see, on the website <http://tvoveralt.altibox.no/>
2. Click the 'Kjøp' (Purchase) or 'Lei' (Rent) film button.
3. Select 'Se nå' (Watch Now) in the TV Overalt app in the menu shown. The film will then be played in the TV Overalt app.

### ANDROID:

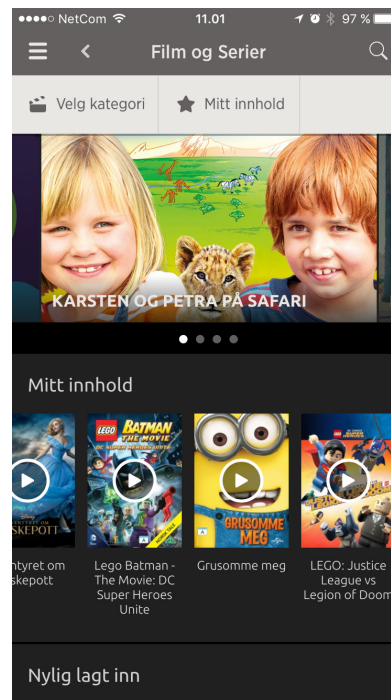
1. Open the TV Overalt app
2. Select 'Film og Serier' (Films and series) from the menu icon on the left.
3. Select a film and click the 'Lei film' (Rent film) button in the menu above.

### HOW TO DOWNLOAD FILMS

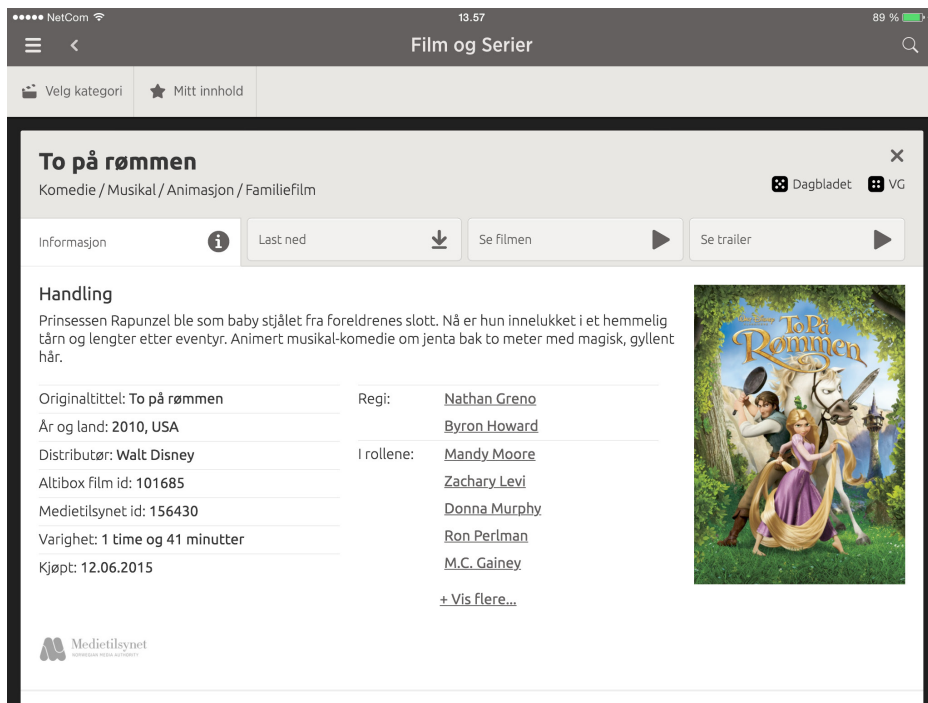
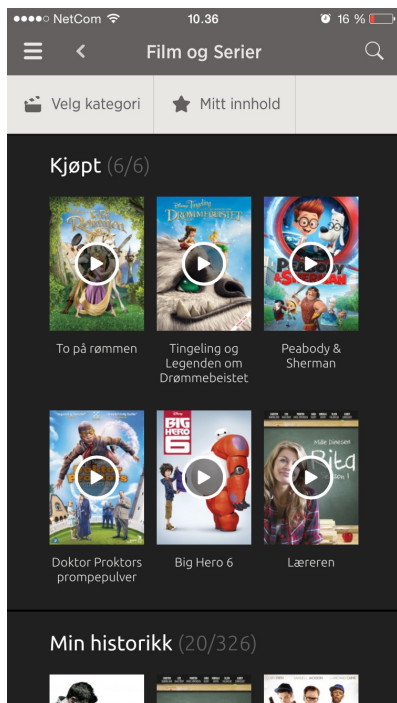
Find the film under 'Mitt innhold' (My content) in Altibox Film og serier (Films and series).

Then, click 'Last ned' (Download). You can find the films that you have downloaded under 'Nedlastet innhold' (Downloaded content) in the menu in the Altibox TV Overalt app.

Purchased and rented films are also available on the set-top box.



## ALTIBOX TV Purchasing and leasing films on tablets or mobile devices



## ALTIBOX TV **5** PVR set-top box

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### SET-TOP BOX WITH RECORDING AND PAUSE FUNCTION

This service requires that you have a set-top box with PVR functionality, also that you subscribe to the PVR service.

This encompasses:

- Recording – planned recording or direct recording.
- Playback of recordings.
- Deletion of recordings.

In order to fully utilise the recording and pause functions, use the buttons on the remote control shown on the right.



#### TV PORTAL

To open the TV portal that will give you access to a number of services.

#### TV GUIDE

Opens the TV guide that shows a programme overview of your channels.










#### PROGRAMME SELECTION

Use   to select the next or previous channel, or to move to the next/previous page in the TV guide.

#### REC



 activates recording on the applicable channel.

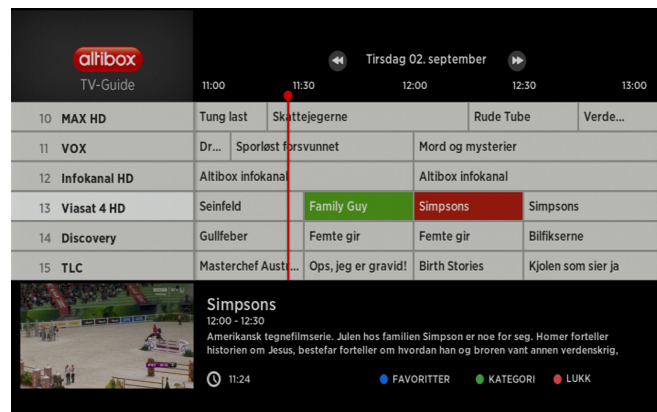
#### CONTROL PLAYBACK AND RECORDING

-  stop
-  play/pause
-   jump 4 mins back/forwards
-    select number of minutes to jump
-   back/forward, fast rewind/fast forward

## ALTIBOX TV 5 PVR set-top box

### RECORDING VIA THE TV GUIDE

- Press the green button  on the remote control to go into the TV guide or press the TV guide on the remote control.
- Highlight the programme you wish to record using the arrow buttons on the remote control.
- Press the REC button  and the highlight colour changes to green. The highlighted programme will be recorded. You can also press OK when you have highlighted a programme, to select recording, series recording, or timed recording in the dialogue window that appears.
- Planned recordings will start even if the PVR set-top box is in standby mode (switched off using the remote control).



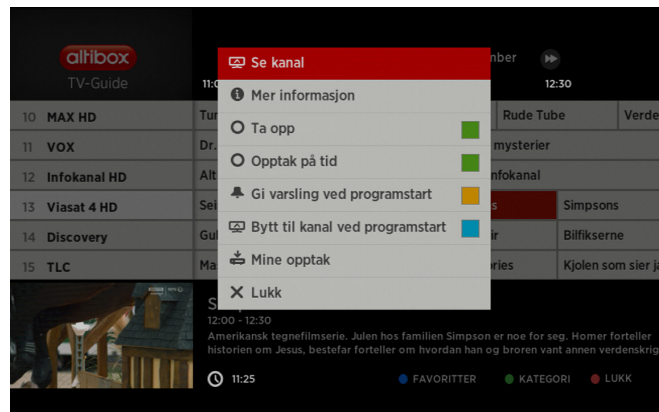


## ALTIBOX TV 5 PVR set-top box

### TV GUIDE FUNCTIONS


Highlight the desired programme in the TV guide and press the OK button (OK) to see the menu with the various functions:

- **Ta opp** (Record) Registers a planned recording of the highlighted programme.
- **Start serieopptak** (Start series recording) Registers a series recording on the highlighted series.
- **Opptak på tid** (Timed recording) Records programmes that are shown at fixed times, but that are not defined as series.
- **Gi varsling ved programstart** (Notify start of programme) Notifies when the highlighted programme begins.
- **Bytt til kanal ved programstart** (Switch to channel when programme starts) Switches channel when the highlighted programme begins
- **Mine opptak** (My recordings) Lists stored recordings.
- **Lukk** (Close) Closes the TV guide menu.



## ALTIBOX TV 5 PVR set-top box



### DIRECT RECORDING

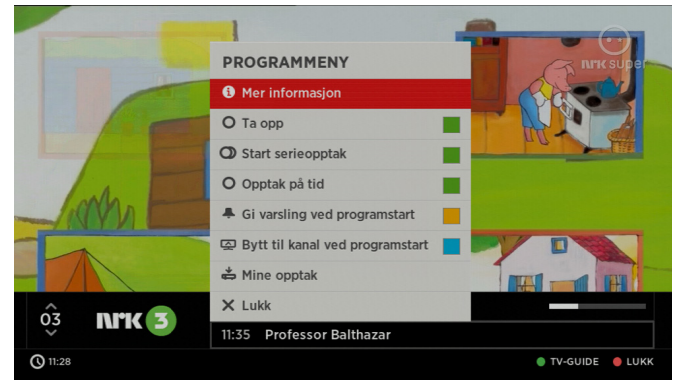
- Press the REC button  on the remote control.
- Select the desired type of recording in the programme menu.
- You can start, fast rewind/fast forward and stop the programme whenever you like. You can also change channels and watch another programme while the hard disk is recording.



## ALTIBOX TV **5** PVR set-top box





### RECORDING VIA THE MINI GUIDE

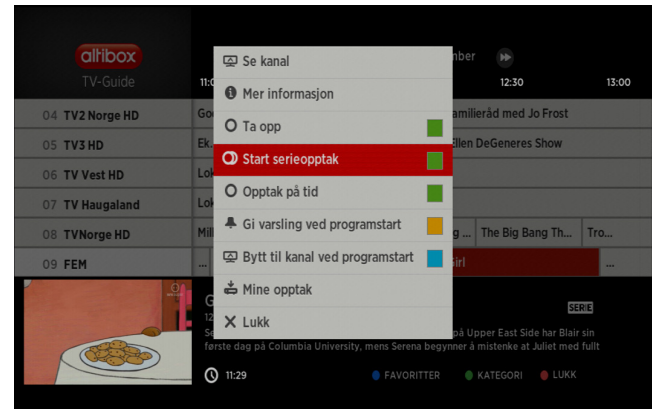
- Press the OK button to open the mini guide.
- Then press the right arrow and arrow down to move forwards in time to the programme you wish to record.
- When the desired programme is found, press the REC button  on the remote control. You can also press OK to bring up all the available choices in the programme menu.
- Select the desired type of recording in the programme menu.
- Press the REC button  again if you wish to stop the recording.



## ALTIBOX TV 5 PVR set-top box

### SERIES RECORDING

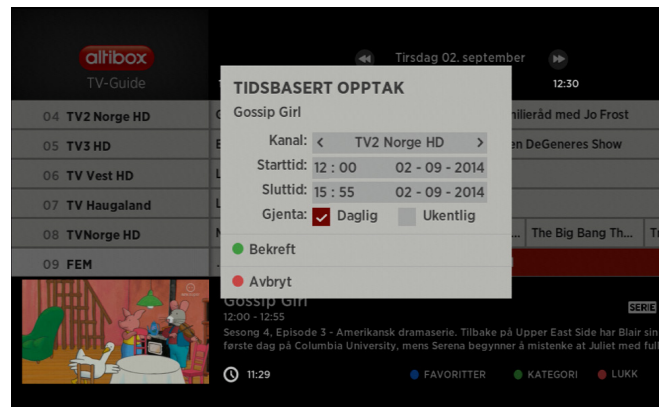
- Press the green button  to open the TV guide
- Highlight the series you wish to record.  
**Alternative 1:** Press the REC button  on the remote control once to record the episode that is on at the moment.  
**Alternative 2:** Press the REC button  twice to record all future episodes in a series.
- Programmes that allow series recordings are marked with the 'series' icon. This icon is coloured red when series recording is activated.
- Explanation of symbols:  – Series recording is activated.
- All future episodes in a series recording will be automatically stored in a folder with the name of the series and season.



## ALTIBOX TV 5 PVR set-top box

### TIME BASED RECORDING

- Time this recording is used for programmes that are shown at fixed times, but are not defined as series. E.g. News and children's television
- Highlight the desired programme in the TV guide and press the OK button (OK) on the remote control to bring up the menu.
- Navigate using the arrow buttons to 'Opptak på tid' (Timed recording).
- Adjust the time and date and select whether the program is to be recorded daily or weekly. Confirm with the OK button (OK).



## ALTIBOX TV 5 PVR set-top box

### TIME SHIFT PLAYBACK

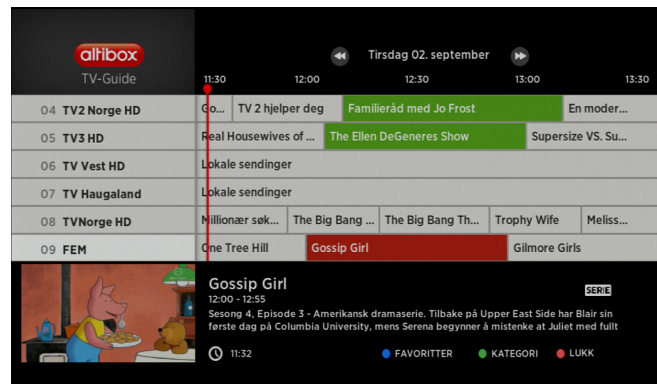
- You have the ability to pause or rewind the programme you are currently watching. This is called time shift playback.
- If you change channels, the function is transferred over to the new channel.
- The ability to rewind applies until the point in time when you change channels.
- With the fast forward/rewind buttons (⏮) (⏭) you can fast forward/rewind at 3 different speeds. You can fast forward/rewind a maximum of 60 mins in one broadcast.
- The Skip buttons (⏮) (⏭) jump 5 minutes forwards and backwards in a broadcast.
- If fast rewind is used, you can rewind forward to the point in time that is live in the TV programme.



## ALTIBOX TV 5 PVR set-top box



### RECORDING TWO PROGRAMMES SIMULTANEOUSLY

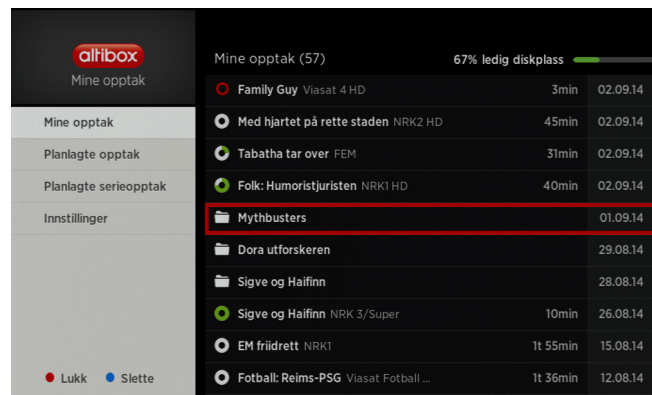
- You can watch one programme and record two others at the same time.
- Highlight the programmes you wish to record in the TV guide and press the REC button (●) on the remote control – just as you do when you record one channel.
- Note that if you record two programmes at the same time, you have to stop the time shift viewing, or stop one of the recordings. This can be done by following the instructions on the screen.



## ALTIBOX TV 5 PVR set-top box

### WATCH PROGRAMMES THAT YOU HAVE RECORDED



- To watch programmes that you have recorded, press the My recordings button  on the remote control to open Mine opptak (My recordings).
- Select the recording from the list using the arrow buttons.
- Press OK  and playback will start.
- The available disk space (percentage) will be shown.
- If you stop the playback before the programme has finished, the next time you view the programme you will be given the option of watching from the beginning, or from the point you last watched.





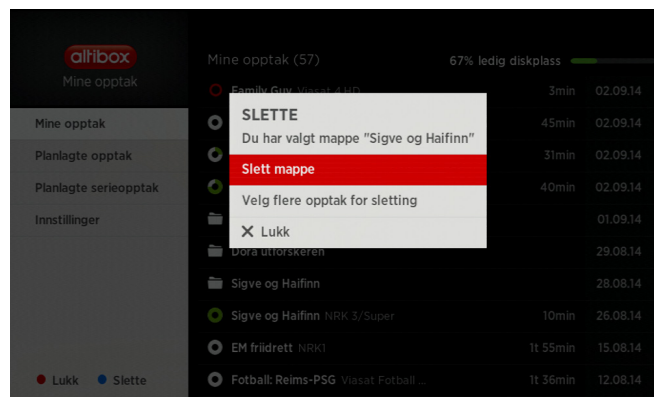
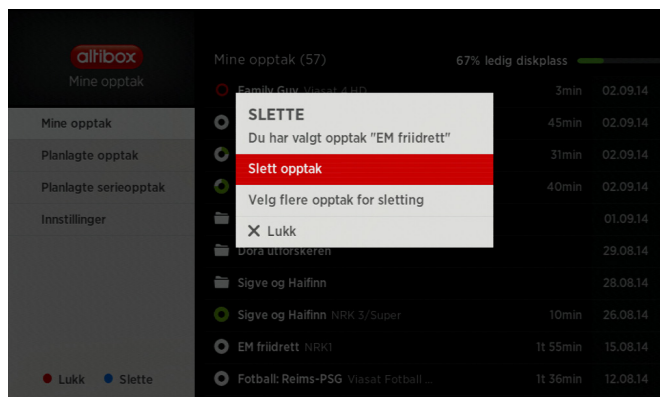


## ALTIBOX TV 5 PVR set-top box

### DELETING RECORDINGS

- Press the blue button  on the remote control to see the option to delete one, several or all previous recordings at once.
- Select either one recording to delete, or select several recordings to delete.
- Highlight each recording you wish to delete using the OK button .



- The blue button  deletes the selected recordings.
- Pressing the blue button  in a folder, will bring up the option to delete all of the recordings in that folder.

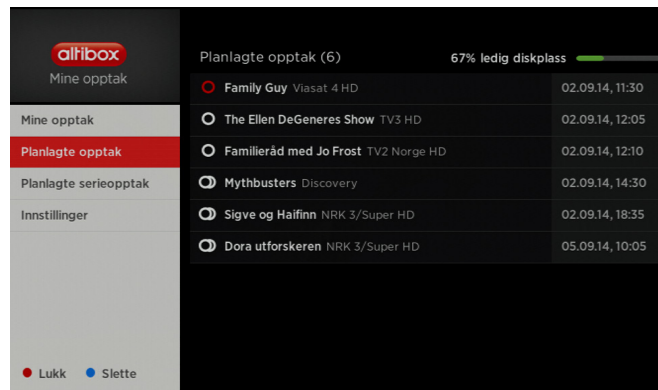


## ALTIBOX TV 5 PVR set-top box

### PLANNED RECORDINGS

During planned recordings you can see the next recording planned in your PVR set-top box.

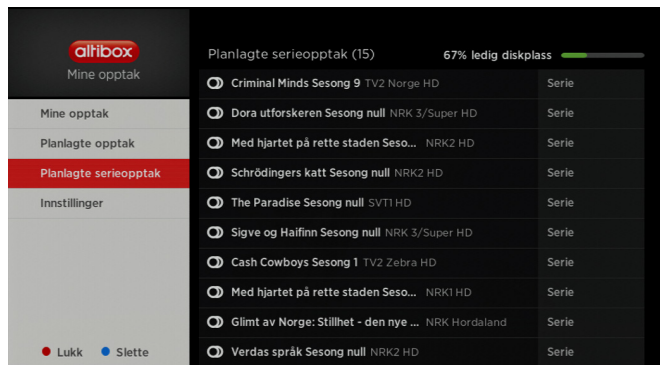
- Press the 'mine opptak' (My recordings) button or the blue button  to open 'Mine opptak' (My recordings).
- Navigate using the arrow down button in the left menu to 'Planlagte opptak' (Planned recordings).
- This will show all the upcoming recordings with the times for planned recordings on the right-hand side.
- Highlight a planned recording and press the blue button  to delete the recording.



## ALTIBOX TV 5 PVR set-top box

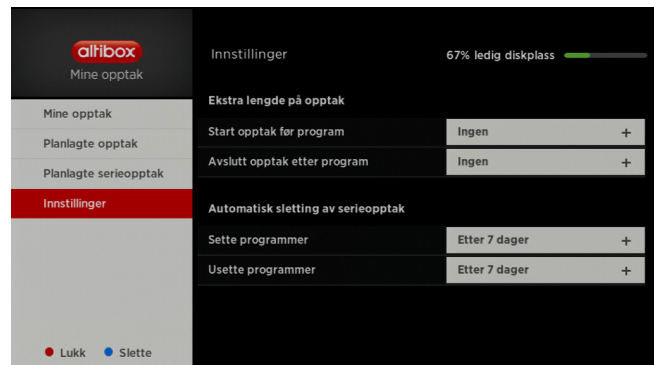
### PLANNED SERIES RECORDINGS

- Navigate using the arrow down button to 'Planlagte serieopptak' (Planned series recordings).
- This will show all of your planned series recordings.
- Highlight a planned series recording and press the blue button to delete all future recordings of the series. This will only stop future recordings of the series. Existing recordings of the series will not be deleted.



### SETTINGS

- In 'Innstillinger' (Settings), you can set extra time on recordings before the programme starts and after the programme ends.
- You can set series recording to delete automatically, both watched and unwatched episodes.



#### RECORDING VIA INTERNET

Go to [tvguide.altibox.no](http://tvguide.altibox.no).

Log on, and you will have access to all functionality.

Enter your customer number, PIN1 and select your provider from the list. To record a program, click 'Ta opp' (Record).

Confirm your selection, and choose which set-top box is to be used. The recording will be stored under 'Fremtidige opptak' (Future recordings).

Here you can also manage recordings, and delete them.

#### RECORDING VIA A TABLET OR MOBILE DEVICE WITH ALTIBOX TV OVERALT

Control your Altibox services from anywhere.

Download the Altibox TV Overalt (Anywhere) app. It's free!

Select the desired set-top box to control it. You can set recordings, notifications or future channel changes. You can also see and manage stored recordings and select which channels are to be shown in the TV Guide.

'Innstillinger' (Settings) is found in the TV portal under 'Tjenester' (Services) by navigating downwards in the menu. Here you will find many useful functions, among others:

**Lyd/bilde** (Sound/picture):

Here, you will find the following, for example:

**Bildeformat** (Picture format): Several of the major TV channels broadcast programmes in wide-screen format (16:9). If you have a traditional 4:3 format TV, you can set the set-top box so that it adapts the wide-screen programmes so that the picture is shown in the correct proportions (the picture is scaled down in size, but retains the correct proportions).

**Lydmodus** (Sound mode): There are two sound modes to choose from: Analogue or SPDIF (digital). Analogue will always provide stereo sound to all outputs; SPDIF (digital) will provide 5.1 Surround on HDMI, SPDIF and TOSLINK outputs on broadcasts that carry these. Note that in AC-3 sound mode, volume adjustment will be deactivated and handed over to the amplifier on channels that have digital soundtracks.

**Språk** (Languages): You can select different languages for menus, audio language, and the language for subtitles. The selection of languages and subtitles is channel-dependent. You can also prioritise audio language, and the set-top box will select the language you have given priority to.

Sort channels/hide channels/favourites:

You can create your own channel list and delete channels that you do not wish to see.

# altibox

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SUPPLIED BY

PARTNER-LOGO

Partner  
Partnerveien xx, xxxx Byen  
Tlf. xxxxxx  
[www.partner.no](http://www.partner.no)