



Operating instructions  
Mode d'emploi  
Instrucciones de manejo

Accessories TV  
Accessoires TV  
Accesorios TV

– Digital Recorder+

**LOEWE.**



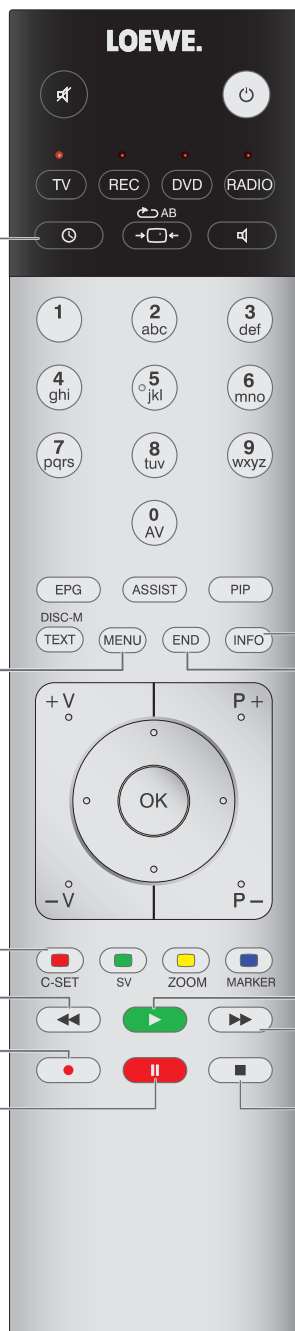
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# Remote control – Digital Recorder functions

english



Call timer overview

in the DR archive: Call Digital Recorder menu

Call DR archive  
With MHEG-5 software: Call **Assist+**, select **DR archive** and call with **OK**.

Jump back/Rewind/Replay

Immediate recording

Freeze picture/Pause  
(Start time shift viewing)

on the menu: Show/Hide info texts

Hide/Show Digital Recorder status  
/on the menu: Hide menu

Playback/Set bookmarks/View highlights

Jump forward/Fast forward

Stop (live picture)

# About the Digital Recorder system

Your Loewe TV set is equipped with an integrated hard disk recorder (Digital Recorder). You can use this to record and play TV broadcasts conveniently. The Digital Recorder can even process HDTV signals including the audio and auxiliary signals they contain.

The wide range of application possibilities of the Digital Recorder are listed below.

## TV viewing with time shift

The Digital Recorder records the TV programme you are currently watching in the background if DR continuous mode is switched on in the Digital Recorder menu (factory setting).

- **Time shift**

You can stop a TV programme at any time and continue playing it later with a time shift. The maximum time shift is up to 3 hours. The recording starts again from the beginning and the old content is deleted every time you switch stations.

- **Fast navigation by jumping**

Jump backwards and forwards in the movie at the press of a button. The jump distance is adjustable.

In addition, the special Loewe function "Smart Jump" ensures that for each change in jump direction the jump distance is cut in half. This way you can quickly find a specific spot in the time shift playback.

- **Fast forward and rewind**

You can fast forward and rewind at three different speeds in the programme you are viewing with time shift (fast rewind not possible with HDTV).

- **Slow motion**

You can play a programme which you are watching with a time offset at four different slow motion speeds.

- **Subsequent archive recording**

You can also decide to copy the whole TV programme into the Digital Recorder's archive at the end of a TV programme you have been watching with a time shift. Not possible in devices with activated MHEG-5 software.

- **Setting bookmarks**

During a football match, for example, you can flag goals or exciting scenes. For this, the time shift recording is converted into an archive recording. For later playback you can play bookmarks as highlights. 30 seconds before and after the set bookmark are played.

- **Replay-function**

For instance, if you are watching a football match as a live picture, you can jump back 40 seconds at the push of a button and watch the scene again. You see the live picture at the same time in a PIP picture.

## Digital Recorder archive

You can record movies you want to watch later in the Digital Recorder's archive.

If EPG or teletext data are available, the Digital Recorder stores the title and additional information about each programme in the archive.

If additional languages are transmitted in DVB, these are recorded too. Selection of language as in TV mode.

DVB subtitles or teletext subtitles are recorded if the recording of subtitles has been activated in the Digital Recorder settings. Display language selection and subtitles as in TV mode. Not possible in devices with activated MHEG-5 software.

Start playback of your recordings from the archive.

If bookmarks were set in a recording, these entries are marked accordingly (■). You can start playback so that the bookmarks are played as highlights (see page 19).

Comfortably select your favourite programme for recording from the EPG or teletext and watch the programmes later from the Digital Recorder's archive.

An automatic Delete Manager always ensures there is sufficient recording space for new movies (see page 13).

- **Sort titles**

You can have the programmes displayed chronologically or in alphabetical order. You can therefore quickly find the recording you want to watch.

- **Rename/edit titles**

You can change the title of a programme in the archive, if necessary.

- **Parental lock**

Protect archive recordings from unauthorised access by using the parental lock.

- **Delete protection**

Set the delete protection for a movie to prevent it from being deleted automatically by the Delete Manager.

- **Copy**

Copy movies from the archive of the Digital Recorder with an offset to an external VCR / DVD recorder.

# About the Digital Recorder system

## Archive recording

You can playback a recorded programme from the archive at the same time as recording a TV programme into the archive. You can also play the same programme you are currently recording with a time shift.

- **Immediate recording**  
Record interesting programmes directly into the DR archive with the **REC button**. With programmes watched with a time offset (see page 4) the current programme can be transferred to the DR archive. The programme is recorded from the beginning to the end of the time offset recording or to the end of the set recording time.  
You can have programmes from scrambled stations descrambled already in DR continuous mode. This saves you having to decode directly recorded scrambled programmes later. An appropriate CA module with SmartCard must be inserted in the TV set's CI slot for this.
- **Timer-controlled recording**  
Comfortably select your favourite programme for recording, from the EPG or teletext (programming via teletext is not possible for MHEG-5 stations). The Digital Recorder records up to 50 timer recordings - even in your absence. Watch the programmes later from the Digital Recorder's archive.
- **Serial recording**  
You can conveniently programme serials which run daily, weekly or from Monday to Friday.
- **Time shift viewing with archive recording**  
If you have programmed recording and come home before it is finished, you can watch the movie with a time shift while the rest is still being recorded.

## Coded recordings

If a programme has been recorded coded, the decoding process is carried out automatically the next night in the standby mode. Please note that the TV set may not be switched off at the mains overnight and that the CA module with SmartCard must be inserted in the CI slot of the TV set.

If the recording is not decoded fairly soon after decoding, it may not be possible to decode it at all. The longer the time between recording and decoding, the greater the probability that the code is no longer valid.

- ➡ Scrambled hard disk recordings appear in the timer list until they are descrambled (page 11).
- ➡ You can also start decoding manually (see page 18).
- ➡ Your programme provider may not support later (time offset) descrambling. Please contact your provider if you have any questions.
- ➡ Selection possibilities in the CA module menu (see operating manual of the TV set) and performance capability of your CA module depend on the type of module used and the installed software. Consult the manufacturer of the module if you have any questions.

## Archive playback

All the recorded programmes can be selected in the archive and played. During archive playback, another programme can be recorded into the archive.

- **Fast forward and rewind**  
Fast forward and rewind the movie at three different speeds (fast rewind not possible with HDTV).
- **Slow motion**  
Watch the playback at four different slow motion speeds.
- **Fast navigation by jumping**  
Jump backwards and forwards in the movie at the press of a button. The jump distance is adjustable (see page 6).  
In addition, the function "Smart Jump" ensures that for each change in jump direction the jump distance is cut in half. This way you can quickly find a certain spot of the recording.
- **Bookmarks**  
To find interesting scenes in a movie later, you can manually set the bookmarks. In addition, there are also automatically set bookmarks every time a broadcast is changed. You can jump to each of the bookmarks in succession at the press of a button.
- **Playing highlights**  
For recordings with manually set bookmarks you can limit the playback only to the highlights. You then see the scenes 30 seconds before and after each set bookmark. If there is more than one bookmark the highlights are played one after the other.
- **Cut/Hide functions**  
Cut out superfluous sections before and after a recorded programme. Set hiding marks around uninteresting sections to watch a movie without interruptions or to archive it on VCR/DVD-R.
- **Copying your recordings to a video / DVD recorder**  
Recordings which you wish to watch repeatedly on a long-term basis should be burnt to a DVD or transferred to a video recorder. The programme can then be deleted from the archive.

## Demonstration video

You will find a pre-recording in HDTV quality and Dolby Digital sound quality in the DR archive overview. **No demonstration video in devices with activated MHEG-5 software.**

Watch the demo video:

**Red button:** You will see the **DR archive**.

▼ ▲ Mark **HDTV/sound demo** video.

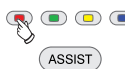
**OK** Start playback.

The video is played permanently. Stop playback with the **STOP button** on the remote control.

# Settings for the Digital Recorder

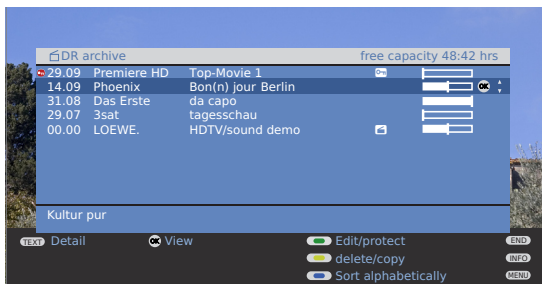
You can make a few settings in the **Digital Recorder menu** to adapt the Digital Recorder to your requirements.

## Call Digital Recorder menu

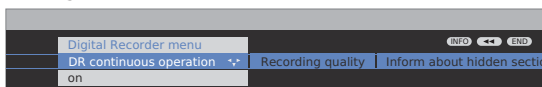


**Red button:** Call **DR archive**.

With MHEG-5 software: Press **ASSIST** button to call Assist+ menu, select **DR archive** and call with **OK**.



Call **Digital Recorder menu**.



- ◀ ▶ Choose a setting,
- ▼ switch to the menu line below.



- ◀ ▶ Set or enter using the **numeric buttons** of the remote control.

## Explanation of the setting facilities:

**DR continuous operation** If DR continuous mode is switched on, the programme being watched is recorded permanently in the background.

Factory setting: **on**.

**Recording quality** Adjust the recording quality for recording analogue programmes. This results in a change in the recording capacity.

Factory setting: **high**.

**Inform about hidden sections** If hiding has taken place during an existing archive recording you can choose whether to be advised of this by a message or not.

Factory setting: **yes**.

**Jump distance** For time shift viewing and for playing archive recordings you can set a jump distance (in minutes), so that you can jump forwards or backwards in the movie by pushing the buttons ◀◀ or ▶▶ briefly. Enter the time with the numeric buttons on the remote control (always enter two digits for 01 to 15 minutes). Factory setting: **04 min**.

**Smart jump** By using an intelligent jump function, you can quickly and easily find a certain point in the recording (with a time shift or in the archive). Every time the direction is reversed, when jumping, using the buttons ◀◀ or ▶▶, the jump distance is cut in half. See page 7 for more information on this application. Factory setting: **yes**.

**Serial recording tolerance** To avoid recording a serial episode more than once when it is shown several times a day, a tolerance time must be entered.

The serial is then only recorded when it starts within the start time ± serial recording tolerance. Enter the time with the numeric buttons on the remote control (always enter two digits for 01 to 60 minutes).

Factory setting: **+30 min**.

**Record subtitles at DR continuous operation** Select here whether subtitles are to be recorded in continuous operation for DVB stations. Not possible in devices with activated MHEG-5 software.

Factory setting: **no**.<sup>(1)</sup>

**Descrambling at DR continuous operation** The TV set records scrambled programmes watched with a time offset already descrambled in DR continuous mode.

Recording the programme directly into the DR archive saves you having to descramble it later.

Factory setting: **yes**.

## Setting the pre-record and post-record time

You can set a pre-record and post-record time for timer recordings made without VPS. This reduces the risk of parts of the programme not being recorded because it starts earlier and/or finishes later.



Call **TV menu**.



- ◀ ▶ Choose **Recording**,
- ▼ switch to the menu line below.

- ◀ ▶ Set **pre-record** or **post-record time**,
- ▼ switch to the menu line below.



Enter the time with the **numeric buttons** (always enter two digits for 01 to 15 minutes for the pre-record time and 01 to 60 minutes for the post-record time). Factory setting: pre-record: **00 min**, post-record: **05 min**.

<sup>(1)</sup> for location of TV set DK, FIN, N or S: **yes**.

# TV viewing with time shift

The Digital Recorder continuous operation is switched on as the factory default setting. The TV programme you are watching is recorded automatically. The time shift is maximum approx. 3 hours.

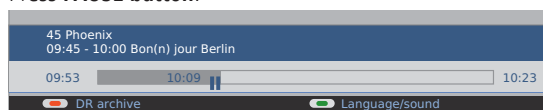
The DR+ display lights up green. If the DR continuous operation is switched off, the DR+ display lights up white.

➡ Programmes with copy protection (e.g. Macrovision) cannot be watched with a time shift for legal reasons.

## Interrupt



Press **PAUSE button**.



The TV picture freezes and the drive display appears.

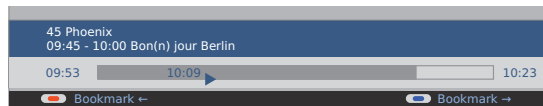
At the top you will see the number and name of the station if EPG or teletext data are available, in addition to the start and end of the current programme and the title of the programme.

On the left hand side of the bar you can see the start time for time shift recording. On the right hand side of the bar you can see the time at which the time shift recorder will be full (automatically extends by 30 minutes, up to a max. 3 hours). The grey bar indicates how much of the available recording time has been used up. The time displayed inside the bar is the time at which the Pause button was pressed.

## Continue (time shift viewing)



Press **PAUSE button** or **PLAY button**.



You can now watch the TV programme with a time shift from the time you first pressed the **PAUSE button**. The Playback symbol ▶ appears in place of the Pause symbol II.

## Jump to automatically set bookmarks

In time shift TV viewing, you can jump to automatically set bookmarks and to the beginning and end of the current recording. Grey bookmarks mark the beginning and end of broadcasts.



**Red button:** Jump back

**Blue button:** Jump forwards

## Switch to live picture



Press **STOP button**.

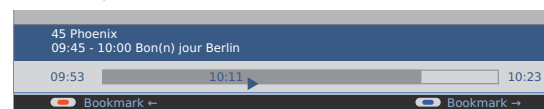
You see the station's live picture again.

## Jumping

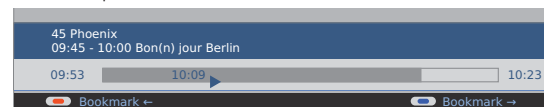
You can jump during time shift viewing by briefly pressing the buttons ◀◀ or ▶▶ in the jump distance set; this enables you to skip uninteresting sections quickly.



▶▶ Jump forwards



◀◀ Jump backwards



## Smart Jump

The Smart Jump function is included to enable fast and easy access to a certain place within the programme which has been recorded with a time shift. With switched on Smart Jump every time the direction is changed the jump distance is cut in half.



➡ The playback symbol ▶ is yellow when the Smart Jump function is active.

For instance, if you are looking for the beginning of a programme.



◀◀ Press repeatedly to jump back (preset jump distance). If you have jumped past the beginning of the programme, jump in the opposite direction:



▶▶ This jump in the opposite direction is only carried out for half the jump distance. Now jump forward using ▶▶ until you see the beginning of the programme.



If you have jumped past the start of the programme:  
◀◀ Jump back again. In the process, the jump distance is cut in half again.

By halving the jump distance when changing direction again you can find your way to a specific place.

The pre-set jump distance is then used again if you jump in the same direction more than three times or if the drive display disappears.

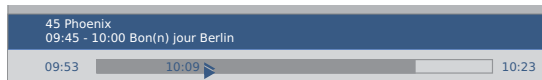
# TV viewing with time shift

## Fast forward and rewind

During time shift viewing you can fast forward and rewind at three different speeds (when viewing HDTV rewind is not possible). Sound is not audible during winding.

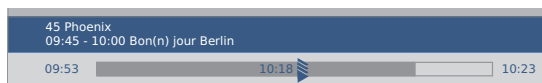


Press **▶▶** or **◀◀** for a little longer.



Increase speed: Press **◀◀** or **▶▶** several times briefly.

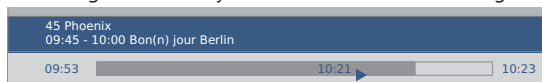
The speed increases every time you press the button until eventually switching back to the initial speed.



Playback begins automatically upon reaching the end of the recording. You are then about 2 seconds behind the live picture or when rewinding at the beginning of the time shift recording.



Press the **PLAY button** when you reach the point during rewinding from which you want to continue watching.

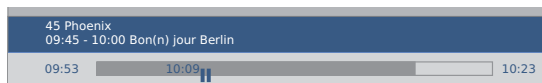


## Slow motion

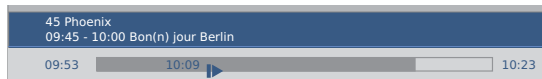
If Pause is active (freeze picture) you can play at four slow-motion speeds. Sound is not audible during slow motion. (When viewing HDTV slow motion backwards is not possible)



Press **PAUSE button**.



Press **▶▶** or **◀◀** briefly.



Increase speed: Press **◀◀** or **▶▶** several times briefly.



The speed increases every time you press the button until eventually switching back to the initial speed.

## Highlight function

(not possible in devices with activated MHEG-5 software)

You can mark interesting scenes in sports reports for example to watch these again specially at a later viewing.

You can set bookmarks while you are watching the live picture or viewing with a time shift.



To set the bookmark press the **PLAY button** for a little longer.

The time shift recording that is already active in the background is converted into an archive recording. You see a message on the screen: **DR archive recording has been started**. Every time the **PLAY button** is pressed down again a little longer, a new bookmark is set.

Note: If no programme info is available from teletext or EPG the **Recording duration** menu appears after pressing the Play button for the first time. Select the desired recording duration and confirm using **OK** (see page 9).

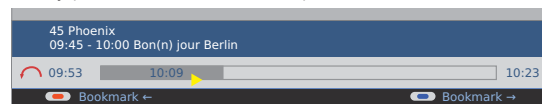
Recordings which contain manual bookmarks can be replayed as highlights. The chapter "Archive playback" describes how this works on page 15 and 19.

## Replay function

You can watch interesting scenes of sports reports again for example (only in live picture).



Briefly press the **button ◀◀** to repeat the scenes.



The set jumps back 40 seconds into time shift mode. The playback flag is yellow (Smart Jump active). If the Smart jump took you back too far, you can jump forward 20 seconds with the **button ▶▶**.

The live picture is displayed at the same time as a small PIP. This PIP picture can be closed by pressing the **PIP button** without having to leave the time shift playback.

Terminate the Replay function with the **STOP button**. Now you see the live picture again.

## Switch to a different station

The time offset recording is restarted when you change stations. The previous time offset recording is deleted.

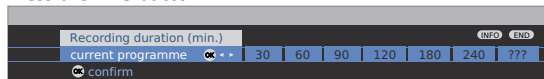
# Archive recording

## Direct recording

You can convert the programme you are currently recording with a time shift into an archive recording.



Press the **REC button**.

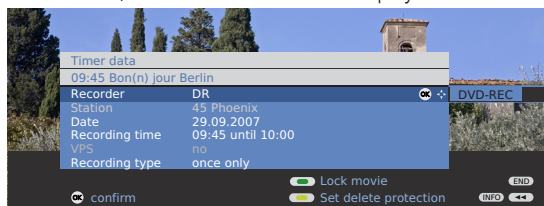


If you want to transfer the current programme to the archive, mark **current programme** (only if EPG or teletext data are available) or mark one of the given times or mark **???** and enter the recording duration with the numeric buttons on the remote control. Confirm with **OK**.

If the programme has been on for the beginning, it is adopted from the beginning, otherwise from the point in time you switched over to this station.

You can also transfer a programme which has already finished to the archive. Just rewind to the programme you want to archive and start recording with **current programme**.

After pushing the **OK button**, the menu **Timer data** is displayed.



Check the timer data, change if necessary and confirm with **OK**.

At the beginning of an archive recording the DR<sup>+</sup> display will change from green to red.

See page 13 for explanations of the setting options in the **Timer data** menu.

During the archive recording, the bar showing the recording progress is red and the **REC** message is shown for a current archive recording.

- Scrambled programmes are recorded according to the presetting in the **Digital Recorder menu → Descrambling at DR continuous operation**. If **yes** is set, no other programme can be viewed during direct recording of a scrambled programme.
- MHEG-5 on-screen displays are switched off during recording so that a complete picture can be recorded.
- If the presetting in **Descrambling at DR continuous operation** is changed while you are watching a scrambled programme, the time offset recording is restarted. The previous recording is deleted.

## Setting bookmarks during archive recording

During immediate recording or a running timer recording, you can set bookmarks at interesting sections (press the **PLAY button** for a little longer). You will see the message **A bookmark was set!** This enables you to find this part of the recording quickly during playback. You can set up to 15 bookmarks per recording.

In addition, bookmarks are set automatically at the beginning and at the end of every broadcast.

## Time shift viewing during archive recording

As described in the chapter "TV viewing with time shift," you can interrupt the programme with the **PAUSE button**. The recording process is continued. You can end the interruption by pressing the **PAUSE button** or the **PLAY button**. You are now viewing the archive recording with a time shift.

Jumping, fast forwarding and rewinding and slow motion all work as described for time shift TV viewing.

You return to the live picture with the **STOP button**.

## Watching other stations during archive recording

After you have started the recording, you can switch to another station. The recording process is continued in the background.

To switch back to the station you are currently recording, press the **PLAY button**.

- The station is locked for the duration of the recording when you are recording HDTV programmes. You cannot switch over to another station.

## Viewing another movie from the archive during archive recording

After you have started the recording, you can also watch a programme you have already recorded.

To do this, call **DR archive** with the **red button**.

With MHEG-5 software: Call **Assist+**, select **DR archive** and call with **OK**.

Select the programme and start the playback with the **OK button**.

The recording process is continued in the background.

## Switching off the TV set during recording

You can switch off the TV to standby whilst recording. The recording is continued in the standby mode. The display on the set shows orange.

- Never switch the TV set off at the mains and do not pull out the plug of the TV set out of the socket. Otherwise the recording will be lost!

# Archive recording

## Subtitles

(Recording not possible in devices with activated MHEG-5 software)

► The recording of subtitles in DR continuous mode must be switched on in the Digital Recorder menu (see page 6).

If subtitles are transmitted, these are recorded.

Call subtitles in later playback:



**END:** Show status display (see right column)



**TEXT:** Call subtitle selection.



▲ ▼ Select desired subtitles.

**OK** Call subtitles.

## Stop recording early

You can end a current archive recording prematurely.



Press **STOP button**.



**OK** Stop recording.

The recording process is ended. The material recorded up to this point is saved on the hard disk and can be played back via the DR archive.

You can also end a running recording by deleting the entry in the timer overview or in the DR archive. See page 13 for further information.

## Status display during time shift and archive recording

By calling up the Status display, the drive display of the Digital Recorder is faded in.

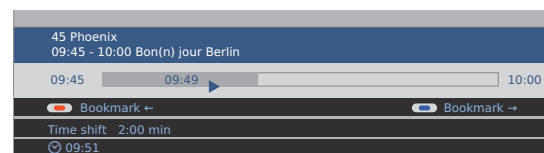


**END:** Show status display.

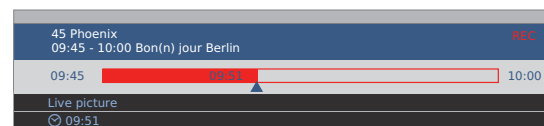


Use **INFO button** in case of MHEG-5.

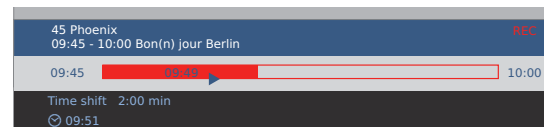
Display with time shift:



Display with live picture during an archive recording:



Display with time shift during an archive recording:



# Archive recording

## Timer recording

You can programme timer recordings for the Digital Recorder conveniently using the EPG, teletext or manually. Up to 50 simultaneous timer entries are possible.

When you have programmed timer recordings, the TV set can only be switched off to the standby mode.

Never switch the TV set off at the mains and do not pull out the plug of the TV set out of the socket. Otherwise no timer recordings can be made!

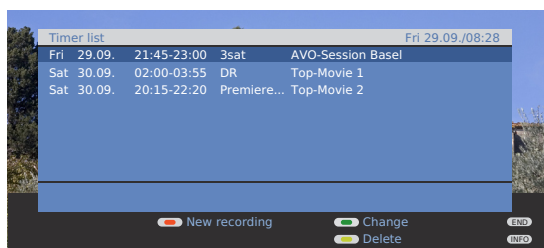
If a timer recording is being carried out in the standby mode, then the display on the set shows orange and the DR+ display also shows red.

Programmed timers for the Digital Recorder are displayed in the timer overview.

The abbreviation **DR** for Digital Recorder appears in place of the programme name in the case of scrambled recordings which still have to be descrambled.



Call **Timer list**.

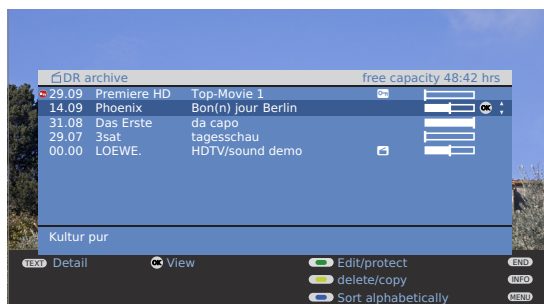


Completed timer recordings of the Digital Recorder are shown in the DR archive.

A red dot with a key symbol appears in front of the entry for scrambled recordings still to be descrambled.



**Red button**: Call **DR-archive**.



➡ The specified **free capacity** refers to recordings of analogue and DVB programmes. A lot more memory space is required on the hard disk for HDTV programmes.

## Programming a timer recording with the EPG



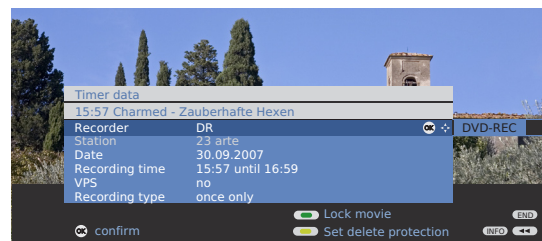
Call **EPG**.



▲ ▼ Flag the broadcast to be recorded.



Press the **red button** to programme the broadcast as a timer recording. The record dialogue box opens.



Check the timer data, change if necessary and confirm with **OK**.

See page 13 for explanations of the setting options in the **Timer data** menu.

In the EPG a red dot is set in front of the title of the programme.

If a programme has been flagged with a red dot you can use the **red button** to delete the programmed timer again. The red dot disappears.

# Archive recording

## Programming a timer recording via teletext (not for MHEG-5 stations)

Call the station on which you want to make a timer recording.



Call **teletext**.



Press the **REC** button. The first page of the programme preview is displayed. If not, define the preview page in the **Teletext menu** → **Settings** → **Preview page**.



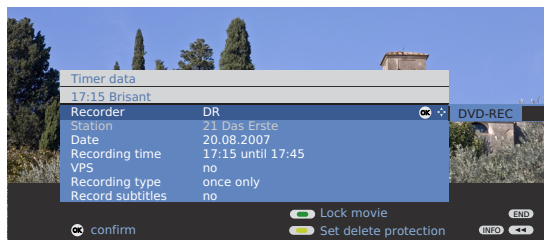
**Green button:** Select the programme preview page which contains the programme which you want to record.



▼ ▲ Flag the time at which the broadcast starts.



Press the **OK** button to programme the broadcast as a timer recording.



Check the timer data, change them if necessary and then confirm with **OK**.



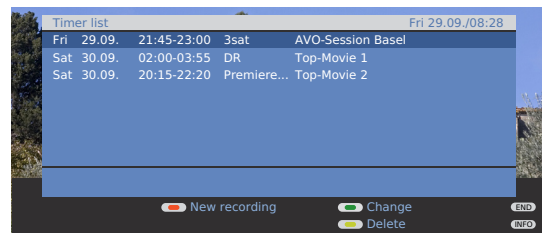
Check the recording time and date for broadcasts which last past midnight or begin the following day. The data from the teletext may not be complete.

See page 13 for explanations of the setting options in the **Timer data** menu.

## Programming a timer recording manually



Call **Timer list**.



Press the **red** button to programme a new recording. The **Recording Wizard** is displayed



◀ ▶ Select **Manual**.

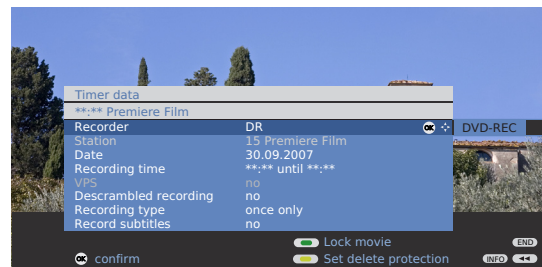


**OK** Start programming.



▲ ▼ ◀ ▶ Select the station or connection socket to be recorded.

**OK** Accept.  
The **Timer Data** menu is displayed.



Check the timer data, enter the date and recording time in any case.

**OK** Confirm.

# Archive recording

- ➔ If a DVD or video recorder was selected as a recording source, start playing the connected device manually from the beginning of the entered recording time.

## Explanations of the setting options in the Timer data menu

- Recorder Selection of the connected/built in recorder.  
Select **DR** for Digital Recorder in this case.
- Date Date of recording.
- Recording time Time of the recording.
- VPS Use **VPS data, yes/no**.  
(Some stations do not broadcast a VPS signal).
- Descrambled Here you can determine whether the programme is to be recording  
recording descrambled already during recording for scrambled stations. If you select **yes**, you cannot watch another coded station during recording because the CA module is used for the recording.  
Hint: Select yes if you do not want to watch another coded station during recording. This saves the overnight decoding process.
- Recording type Select **once only, Mon-Fri, daily** or **weekly**.  
In timer recordings via EPG, **Serial** can also be selected.
- Record sub- Select whether broadcast subtitles are to be recorded.  
titles
- Lock movie Allow later playback of this recording with the parental lock by entering the secret code only. Press **green button**.
- Set delete Protect against automatic deletion by the Delete Manager.  
protection Press **yellow button**.

## Deleting programmed timer entries

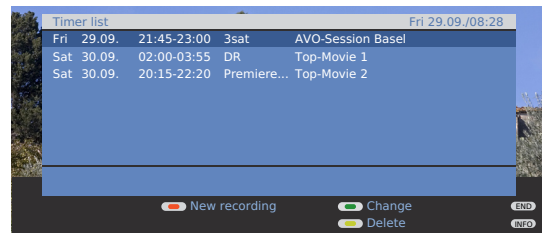
Use this function in the timer overview if you want to delete recordings already programmed or end a running timer recording.



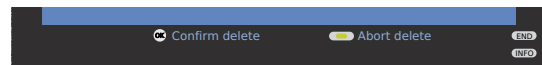
Call **Timer overview**.



▲ ▼ Mark the timer to be deleted.



**Yellow button:** Delete timer.



**OK** Confirm.

- ➔ The letters of a timer currently active are red. If you delete this timer, the recording is stopped.

## The Delete Manager

The Delete Manager always makes sure there is enough memory space on the hard disk for new recordings.

When the capacity of the hard disk is almost exhausted the old recordings are deleted.

Recordings which have been protected with a delete protection are not deleted by the Delete Manager. You can delete these recordings manually.

Setting and removing the delete protection, see page 21.

In order to prevent the loss of data we recommend that important recordings are copied to a video cassette or to a writable DVD.

Delete the recordings from the Digital Recorder after copying.

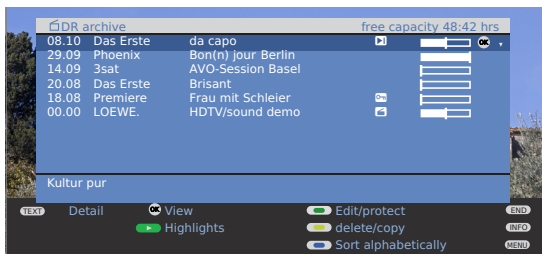
Loewe is not liable for data loss from the Digital Recorder's hard disk.

# Archive playback

You can find a directory of your recordings in the **DR archive**. You can start playback, delete, copy or decode recordings from this list. Using **Edit/protect** you can change the name of an archive and set or remove a delete protection.

    **Red button** (for MHEG-5 **ASSIST** button): Call DR archive.







 ASSIST



    **Blue button**: Switch between alphabetical and time sorting.

The progress bar shows you how much of the recording has been watched. If other programme data is available from the EPG or teletext these are shown below the archive list for the entry just flagged. Other information about the recording can be called with the **TEXT** button, if this is offered.

## Explanations of the symbols in the DR archive

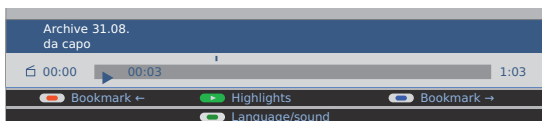
-  Recording with manually set bookmarks.
-  Recording with set delete protection.
-  Recording with set parental lock.
-  Coded recording.
-  Red dot at the beginning of the line: Recording is played over/copied (see page 18, "Copying recordings from the archive").
-  Red dot with key at the beginning of the line: Descramble recording (see page 18, "Descramble scrambled recording").

## Playing from the DR archive



  Select the recording.

**OK** Start playback.



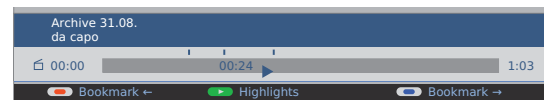
➡ The CA module with Smart Card must be plugged in when playing recordings which are still coded.

## Setting bookmarks

While playing an archive recording, you can set bookmarks by pressing the **PLAY** button for a little longer. You will see the **bookmark set** message. The drive display is then faded and you will see the set bookmark above the bar for the playback. You can set up to 15 bookmarks per recording. This makes these places easy to find later.



**PLAY** button (press for a little longer): Set bookmark.



➡ Automatically set bookmarks are grey. Manually set bookmarks are blue.

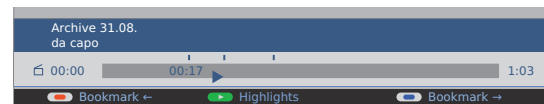
## Jumping to bookmarks



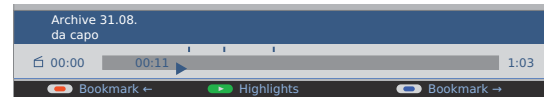
**END**: Show the drive display during archive playback.



**Blue button**: Bookmark forwards.



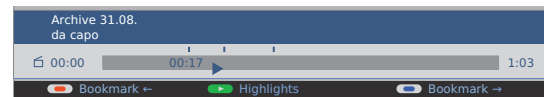
**Red button**: Bookmark backwards.



## Delete individual bookmarks



Jump with the **red** or **blue** button to the manually set bookmark to be deleted.



Press **PLAY** button for a little longer, the bookmark is deleted.

# Archive playback

- When playing coded recordings, some of the following functions are restricted.

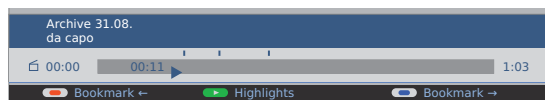
## Playing highlights

If there are manually set bookmarks in the current playback, they can be played as highlights. 30 seconds before and after the set bookmark are played. The highlights are numbered consecutively and shown continuously.

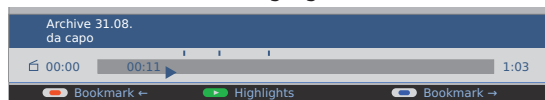
The playing of highlights can be terminated by pressing the **STOP button**.

END

END: Show status display.



Press the **PLAY button** for **Highlights**.



Start playing highlights. As long as this drive display is shown, you jump to the next highlight with the blue button and the red button jumps to the previous highlight. You can also jump to the next highlight by pressing the **PLAY button** again. This function is also available if no drive display is shown. The playing of highlights can be terminated by pressing the **STOP button**.

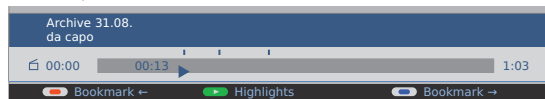
Further information concerning highlight playback can be found on page 19.

## Jumping

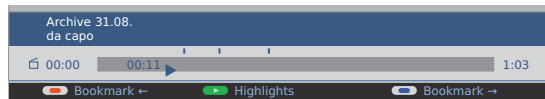
You can jump by briefly pressing the **buttons** ◀◀ or ▶▶.



▶▶ Jump forwards.



◀◀ Jump backwards.



- Setting the jump distance: see page 6.

## Smart Jump

The Smart Jump function is included to enable fast and easy access to a certain place within the recording which is currently being played. The factory setting has Smart Jump switched on.

With switched on Smart Jump every time the direction is changed the jump distance is cut in half.

The playback symbol ▶ is yellow when the Smart Jump function is active.

For instance, you are searching for the beginning of the section where a portion of the recording is to be hidden.



▶▶ Press repeatedly to jump forward (pre-set jump distance).

If you have jumped past the desired part of the recording, jump in the opposite direction:



◀◀ This jump in the opposite direction is only carried out for half the jump distance. Now press ◀◀ to jump back out of the area that is to be hidden.



If in the process you jump past the place where you want to start the hide process, then jump forward using ▶▶. In the process, the jump distance is cut in half again.

By halving the jump distance when changing direction again you can find your way to a specific place.

The pre-set jump distance is then used again if you jump in the same direction more than three times or if the drive display disappears.

## Fast forward and rewind

During time shift viewing you can fast forward and rewind at three different speeds (when viewing HDTV rewind is not possible). Sound is not audible during winding.

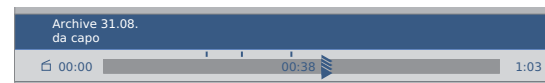


Press the **button** ▶▶ or ◀◀ a little longer.

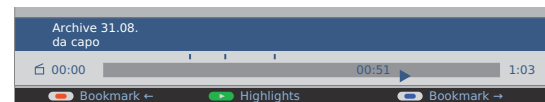


Increase speed: Briefly press button repeatedly.

The speed increases every time you press the button until eventually switching back to the initial speed.



Press the **PLAY button**, when you have reached the position where you want to continue viewing.



You will see a freeze picture when you reach the end of the recording. When rewinding reaches the beginning, the Digital Recorder switches to playback mode.

# Archive playback

## Pause (freeze picture)



**PAUSE button:** Switch to freeze picture.



Continue playback: Press



**PLAY button** or



**PAUSE button.**

## Slow motion

If Pause (freeze picture) is active, you can play at four slow-motion speeds. Sound is not audible during slow motion.



Press **PAUSE button.**



Press **»»** or **««** briefly.



Increase speed:

Press button several times briefly.



The speed increases every time you press the button until eventually switching back to the initial speed.

## Deleting parts of the recording

You can delete parts of an archive recording up to the beginning and up to the end.



**PAUSE button:** During archive playback press at the point from which, to the start or to the end, the archive recording is to be deleted.



Press the **yellow button** for **Delete/hide.**



**Red button:** Delete from here to start.

**Green button:** Delete from here to end.



**OK** confirms the deletion.



**Red or green button** cancels the deletion.




In our case, 11 minutes were deleted so that the remaining length of the recording is only 52 minutes.

# Archive playback

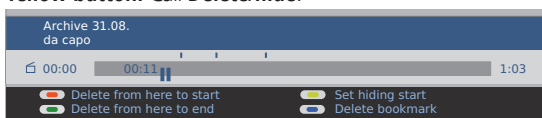
## Hiding sections of the recording


You can hide sections of an archive recording. For future playback and when copying to a DVD or video recorder, the hidden sections are skipped.

 Press the **PAUSE button** at the point in the archive playback from where the hiding should start.



 **Yellow button:** Call **Delete/hide**.



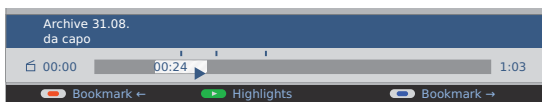
 **Yellow button:** Set the start of the section to be hidden.



 Press **PLAY button** or  
 **PAUSE button** to continue playback.



 Press the **yellow button** when you want to end hiding.



The hidden section of the recording is shaded in the bar. If you start playback again before the beginning of the hidden section, the hidden section is skipped.

If the setting in the **Digital Recorder menu** → **Inform about hidden sections** is set to **yes**, you will see the message **A faded area was skipped**.

With the blue button you can show the hidden section again continuously.

## Deleting bookmarks

You can delete all manually set bookmarks. Bookmarks that were set automatically at the beginning and the end of a broadcast cannot be deleted.

➡ Manually set bookmarks are blue, automatically set bookmarks are displayed in grey.

 Press **PAUSE button** during archive playback.

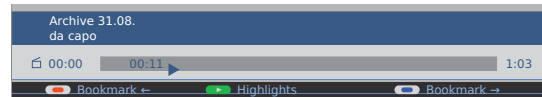


 **Yellow button:** Call **Delete/hide**.



 **Blue button:** Delete manually set bookmarks.

 Press **PLAY button** or  
 **PAUSE button** to continue playback.



Automatically set bookmarks are not deleted.

In addition, you have the option of deleting the bookmarks via **DR archive** → **delete/copy** (see page 19).

# Archive playback

## Copying recordings from the archive

This is simple with a Loewe VCR or DVD recorder equipped with Digital Link or Digital Link Plus and with units from other manufacturers equipped with a similar system (according to protocol 50).

    **Red button** (for MHEG-5 ASSIST button): Call **DR archive**.

ASSIST



▼ ▲ Flag the recording to be copied.

    **Yellow button:** Call **delete/copy**.

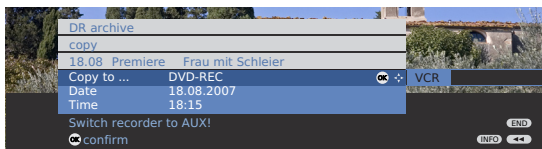


▼ ▲ Select others if necessary.

**OK** Confirm.

⇒ Titles to be copied are displayed in blue.

    **Blue button:** Call **copy entry**.



◀ ▶ Select recorder in copy menu.

Should be copied over later, change date and time.

**OK** Confirm.

The DR archive is displayed again. You will see a red dot for the programmed copying in front of the date.

⇒ You cannot watch a different station whilst copying. The TV set can, however, be switched off to the standby mode. It is best to copy at night when the TV is not in use.

## Descramble scrambled recording

You can start decoding coded recordings manually at any time. The module with Smart Card must be inserted for this. Coding should be done as soon as possible because the probability that the code may become invalid increases with the time between recording and decoding.


Proceed similarly to copying from the archive:

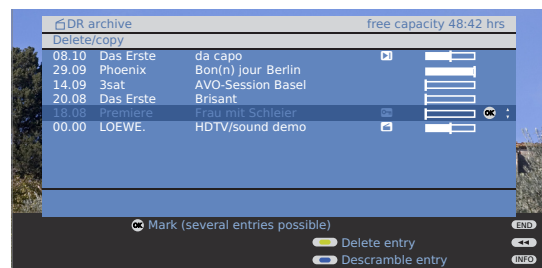
⇒ DR archive is displayed.



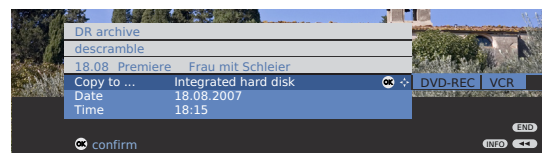
▼ ▲ Mark recording to be decoded.

⇒ Coded recordings are marked by  in front of the bar.

    **Yellow button:** Call **delete/copy**.



    **Blue button:** Call **Descramble entry**.




◀ ▶ Select **Integrated hard disk** in copy menu.

Should be decoded later, change date and time.

**OK** Confirm.

You see the DR archive again. You will see a red dot with key symbol for the programmed decoding in front of the date.

⇒ No other DVB station can be watched during decoding. But the TV set can be switched off to standby mode. It is best to decode at night when the TV is not in use.

⇒ You will find the recording decoded in the DR archive after decoding (without a  before the bar).

# Archive playback

## Viewing highlights from the archive

    **Red button** (for MHEG-5 ASSIST button): Call DR archive.



▼ ▲ Flag a recording with a bookmark.

⇒ Recordings with bookmarks are flagged with .



Press **PLAY** button for viewing **Highlights**.

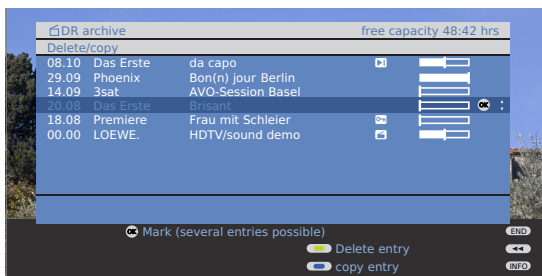
## Deleting recordings from the archive

⇒ DR archive is displayed.



▼ ▲ Flag the recording to be deleted.

    **Yellow button**: Call **delete/copy**.



▼ ▲ Select others if necessary.

**OK** Confirm.

⇒ Titles to be deleted are displayed in blue.

    **Yellow button**: Call **Delete entry**.



**OK** Confirm delete.

The recording is deleted.


The DR archive is displayed again.

## Deleting bookmarks

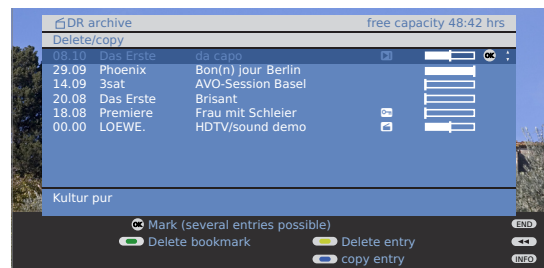
⇒ DR archive is displayed.



▼ ▲ Select the recording for which you want to delete the bookmarks.

⇒ Recordings with manually set bookmarks are flagged with  in front of the bar.

    **Yellow button**: Call **delete/copy**.



▼ ▲ Select others if necessary and confirm with **OK**.

⇒ The selected titles are displayed in blue.

    Press the **green button** for **Delete bookmark**.

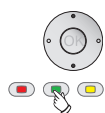
All of the manually set bookmarks are deleted. Automatically set bookmarks are not deleted.

# Archive playback

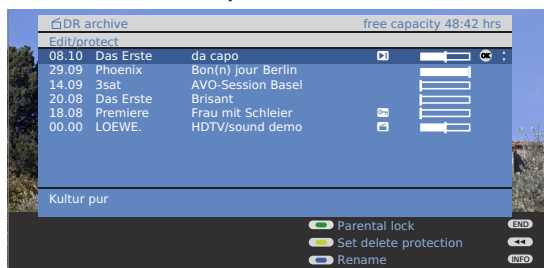
## Changing the title of an archive

DR archive is displayed.

Select the title to be changed.



**Green button:** Call Edit/protect.



Press the **blue button** for **Rename**.

Underneath the first letter of the title, you will see a line which indicates the current input position for the letter.



- ▶ Move input position right.
- ◀ Move input position left.



Enter the letters in sequence using the **numeric buttons** on the remote control (like on a mobile phone keypad).



**Green button:** Switch between capital letters and small letters.



**OK** Conclude the entry.  
This saves the change permanently.

## Locking/unlocking a movie (Parental Lock)

You can lock movies that your children are not permitted to view, for instance. Viewing is only possible if the secret code is entered.

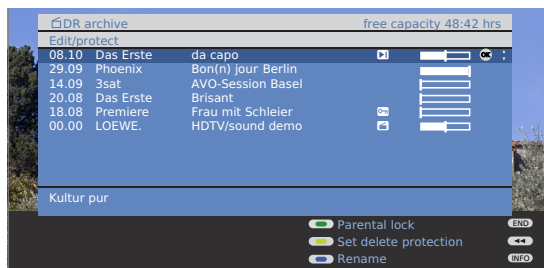
DR archive is displayed.



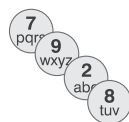
**Green button:** Call Edit/protect.



Mark the title that is to be locked.



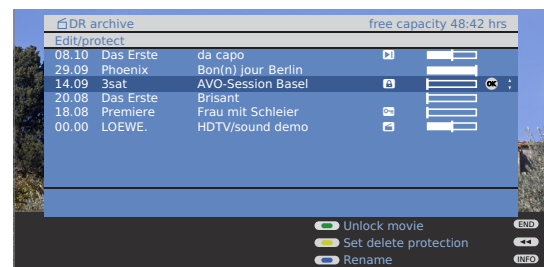
Press the **green button** for **Parental lock**. The system requests you to enter your secret code (PIN).



Enter your secret code with the numeric buttons of the remote control. When you set the secret code for the first time you need to make a careful note of it. The DR archive opens again.



**Green button:** Lock movie.

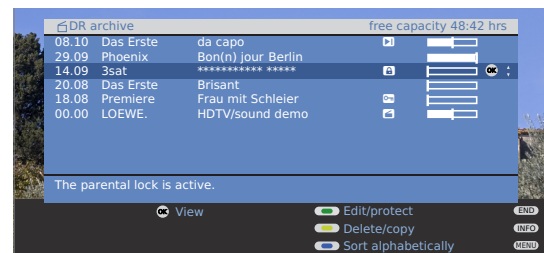


You can mark additional titles and lock or unlock them respectively using the green button. A lock symbol **A** appears in front of the bar when the lock is activated.

## Viewing a locked movie



**Red button** (for MHEG-5 ASSIST button): Call DR archive.



Flag a locked movie and press **OK button** for viewing.

The titles of the locked movies are not seen and are marked with the symbol **A**.


The system requests you to enter your secret code (PIN). After entering the secret code the playback of the movie starts.

# Archive playback

## Setting/cancelling delete protection


To prevent important recordings from being deleted automatically by the Delete Manager, you should set a delete protection. Cancel the delete protection again after copying to a video cassette or DVD.

→ DR archive is displayed.

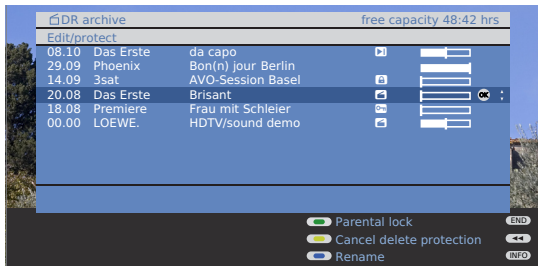
 **Green button:** Call **Edit/protect**.




▼ ▲ Select the title for which you want to set/cancel a delete protection.

 **Yellow button:** **Set/Cancel delete protection.**

You can select other titles and **set** or **cancel delete protection** with the **yellow button**.



The symbol  appears in front of the bar when the delete protection is activated.

# Masthead

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