Broadcast your Live events with Daily motion
# Live broadcasting on Dailymotion

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<th>Recording</th>
<th>Editing</th>
<th>Encoding</th>
<th>Transmitting</th>
<th>Hosting</th>
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<tbody>
<tr>
<td>By you or your external service provider</td>
<td>By us</td>
<td></td>
<td></td>
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</table>

- **Film your event with a video camera or any filming device such as a webcam**
- **You can use a control room to create the video and audio tracks and edit them in real time**
- **Videos have to be encoded into a digitized stream (RTMP) to fit our platform**
- **The live stream is to be sent to the Dailymotion servers (by SDSL, fiber optic or satellite).**
- **- Reception of the Live Streams on our servers**
  - **- Live broadcasting on different devices (Web, Smartphones, Tablets, IPTV)**
Setting up your live event

To be able to stream a live event on Dailymotion, first, you need to upload a video on your channel. This video will be the placeholder for your live stream.

The uploaded video should be at least 30 seconds long.

The URL and all the embed codes (facebook, twitter...) will remain the same when the live is playing. You can start sharing your video with your audience before the beginning of your live event.
Once the video has been uploaded, open the edit page by clicking on the « edit » icon.
Setting up your live event

Under the menu « Live or Simulast » click on the « live » checkbox

Indicate the start date and time of your live event. Select the duration based on the following model:
1d2h34m = 1 day 2 hours and 34 minutes
1h30m = 1 hour and 30 minutes
45m = 45 minutes

Keep these information for the encoding (more details on pages 8 and 9)
Example of a live event on Dailymotion

Live player

Number of viewers during the Live

Total views since the launch of the event
These charts give you the preferred settings for encoding and the bit rate you should set up depending on the quality needed.

<table>
<thead>
<tr>
<th>Protocole</th>
<th>RTMP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video Codec</td>
<td>H.264</td>
</tr>
<tr>
<td>Video Profile</td>
<td>Main 4.1</td>
</tr>
<tr>
<td>Video Frame rate</td>
<td>25 fps / 30 fps</td>
</tr>
<tr>
<td>Video Keyframe</td>
<td>2s</td>
</tr>
<tr>
<td>Audio Codec</td>
<td>AAC</td>
</tr>
<tr>
<td>Audio bit rate</td>
<td>192kbps</td>
</tr>
<tr>
<td>Audio sample rate</td>
<td>44.1</td>
</tr>
</tbody>
</table>

### Encoder resolution and bitrate settings

<table>
<thead>
<tr>
<th>Format</th>
<th>LD</th>
<th>SD</th>
<th>HQ</th>
<th>HD</th>
<th>FHD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>320*240</td>
<td>512*384</td>
<td>848*480</td>
<td>1280*720</td>
<td>1920*1080</td>
</tr>
<tr>
<td>Bitrate</td>
<td>300 kbits</td>
<td>500 kbits</td>
<td>900 kbits</td>
<td>2200 kbits</td>
<td>4000 kbits</td>
</tr>
</tbody>
</table>

### Minimal hardware capacity for encoding:
- 2nd generation core i5 (or equivalent) for 720p.
- 2nd generation core i7 (or equivalent) for 1080p.
- GeForce/Radeon class, Intel HD 4000 and more

### Minimal internet speed:
The internet speed must be at least 150% of the video’s bitrate. For example, if the video bitrate is 2,000 Kbps, you need an internet speed higher than 3,000kbps.
• Set up and launch one of these recommended softwares:
  
  • XSplit broadcaster
  • OBS - Open Broadcaster Software
  • Wirecast
  • Adobe Flash Media Live Encoder (we chose the last version of Flash Media Live for the example on the following slide)

• Identify the following fields in the « edit » section of your livestream on Dailymotion:

  The Dailymotion server on which you will send your livestream

  Unique key that allows you to access the server
Transcoding (3/3)

1. Choose the settings for your video stream
2. Choose the settings for your audio stream
3. Copy and paste the address of the Dailymotion server
4. Copy and paste your stream key

www.dailymotion.com
The recording of your livestream

- Click on « Start Record ».

- The « Start record » button becomes « Stop Record ».

- To stop recording click the « Stop Record » button. It will go back to « Start record ».

NB : Once the live is finished, the video will be uploaded. If your livestream is private, the video will be private. If your live is public, your video will be public.
Broadcasting ads during your live event

- Dailymotion allows its partners to broadcast advertising content during the live event.
- These ads are to be sent via the ad-break feature.
- The ad-break can be turned on by the broadcaster with a click on the « Launch the Ad-break » button. A 30-second ad is then launched.

NB: when an ad is on display, the « launch the advertisement » button is greyed out. You need to wait for the end of the ad in order to launch a new ad.