



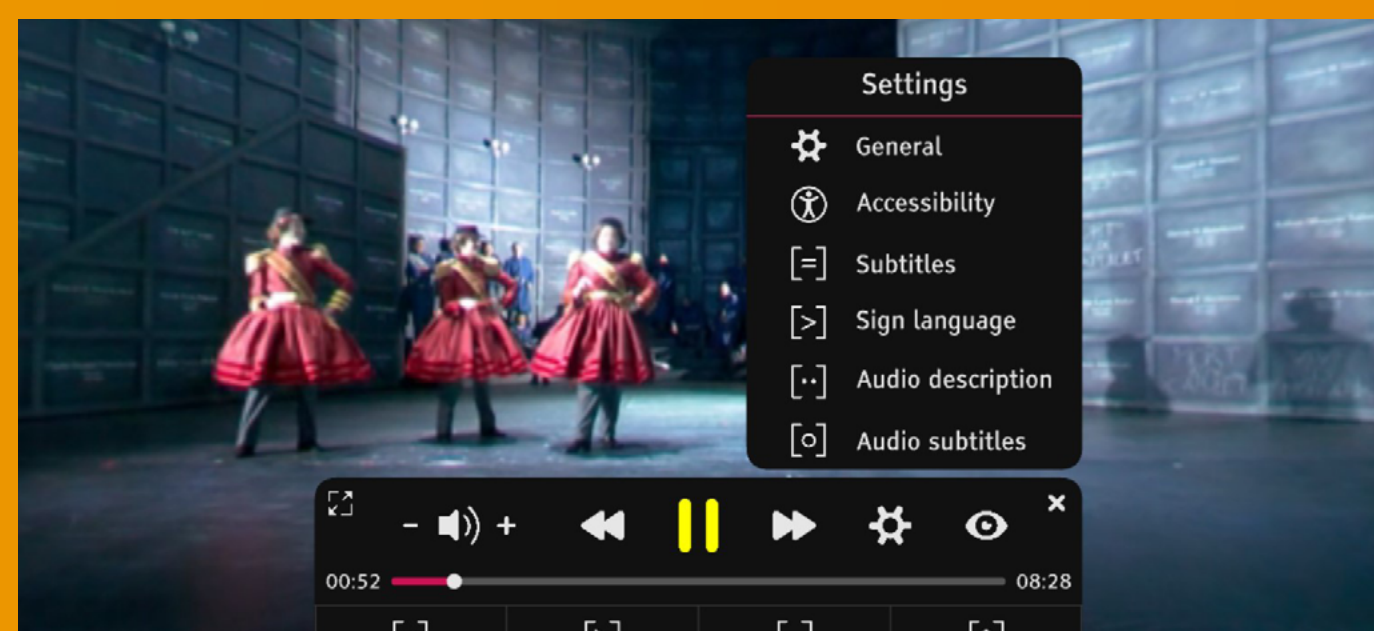
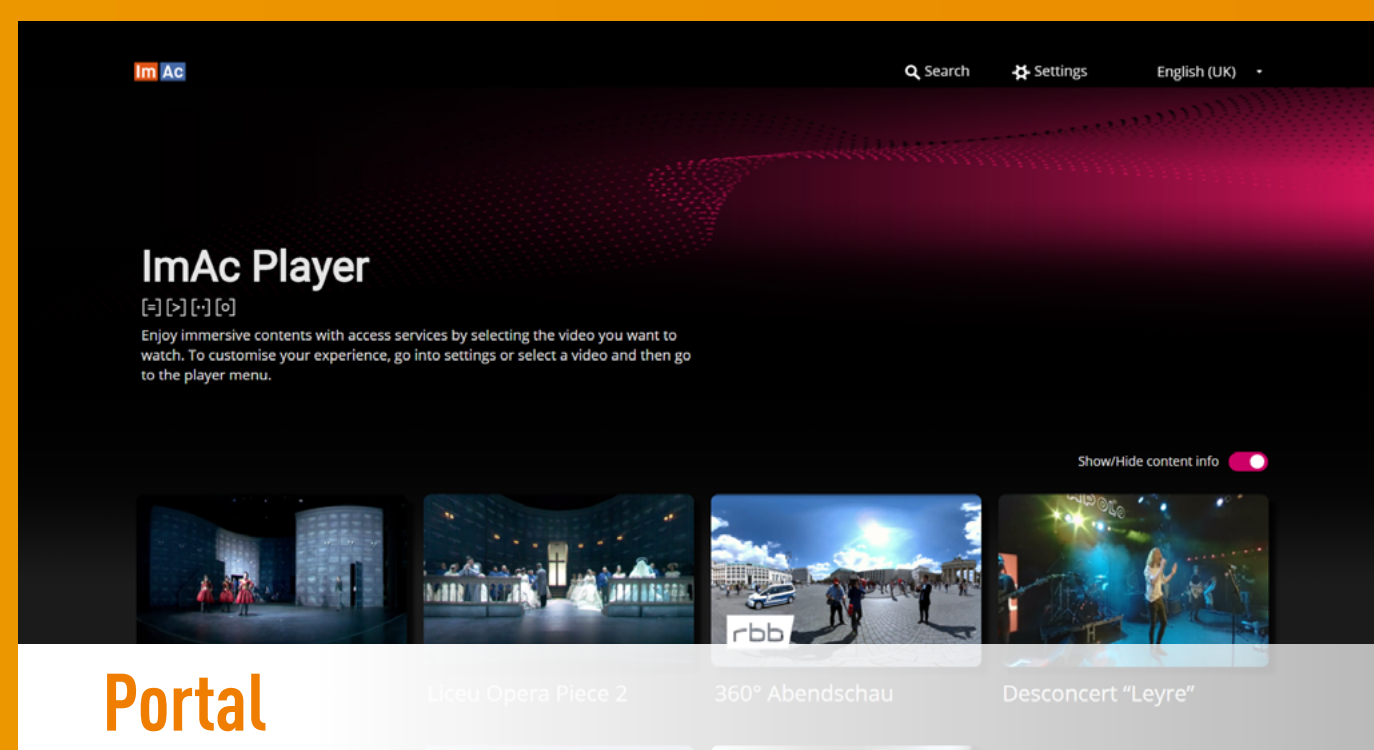
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Immersive Accessibility

ImAc PLAYER By i2cat

Accessibility-enabled VR360 web player. It enables the consumption of 360° video and spatial audio, augmented with a hyper-personalised presentation of access services (subtitles, audio description and sign language).



Use of Web-Based Components

- » Universal support
- » No installations at the client side



CROSS NETWORK



CROSS DEVICE



CROSS BROWSER



CROSS PLATFORM

Portal

- » Language selection
- » Personalised service settings
- » Search and filter
- » Catalogue of videos + available access services and languages
- » Video selection

User Interface (UI)



Responsive design



Adapted to VR environments



Voice interaction



Open menu: looking down, consecutive clicks, or voice control



Enlargement features



Preview feature



Universal icons for Accessibility

Access Services

Supported features for Subtitles (ST):

- » Two rendering modes: scene-referenced and speaker-referenced
- » Personalised presentation: size, position and language
- » Responsive subtitles
- » Validated methodology for Easy-to-Read subtitles
- » Graphical representation of non-speech info (e.g. sound effects)
- » Styling effects (e.g. colors and font types) for speaker representation

Supported features for Sign Language (SL):

- » Personalised presentation: size, position and language
- » Support for non-continuous video streams (showing/hiding the signer window based on the interpreter's activity)
- » Speaker's name

Supported features for Audio Description (AD):

- » Three audio placement modes and narratives
 - ♦ Classic: no positioning
 - ♦ Static: from a fixed point in the scene
 - ♦ Dynamic: coming from the direction of the action
- » Extended Audio Description tracks (for specific scenes, actions or objects)
- » Independent volume settings for AD and main audio tracks

Supported features for Audio Subtitles (AST):

- » Two audio placement modes:
 - ♦ Classic: no positioning
 - ♦ Dynamic: coming from the direction of the speaker
- » Independent volume settings for AST and main audio tracks

Assistive Technologies

- » Guiding methods
- » Zoom features
- » Voice control

Standard Compliance



ACCESS URL

imac.i2cat.net/player/

Open-source code: github.com/ua-i2cat/ImAc



VIDEO

Scan the QR code to watch a video showing the features of the ImAc player.

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