

Delivering Accessibility Services using HbbTV

EBU Technical Report 065

GUIDELINES FOR DELIVERING ACCESSIBILITY SERVICES USING HBBTV

Tech Report 065

TECHNICAL REPORTS

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This report offers suggestions for how HbbTV can be used to provide accessibility services for those with sensory differences.

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It is important to note that the options described in this report are not the only options available to television services for providing accessibility services (AS). They are specifically those that may be available where the viewer has a television set equipped with HbbTV (Hybrid broadcast broadband TV) and a working broadband internet connection, and where the HbbTV services are available. All these suggested solutions are based on the technologies currently available in European consumer equipment.

Accessibility using HbbTV - technical aspects





EBU

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TR 065

GUIDELINES FOR DELIVERING ACCESSIBILITY SERVICES USING HbbTV

A GUIDE TO CURRENT PRACTICE AND FUTURE POSSIBILITIES

Geneva November 2021

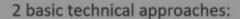
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ACCESSIBILITY USING HBBTV – TECHNICAL ASPECTS

PRESENTATIONS

22 Nov 2021

B1. Implementation of Subtitling Systems



Native rendering

- transmitting subtitles via a predefined and standardised delivery protocol
- standardised coding of characters and related display options such as colour and position
- actual rendering by the terminal, based on these standardised formats.



Rendering via HbbTV app

- Rendering the subtitles by HbbTV apps
- HbbTV apps implemented by broadcaster
- loaded 'on the fly' when changing the programme

RECOMMENDED



Technical Reports

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Accessibility Services
via HbbTV

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