

Halo Upmix

Stereo to 5.1 and 7.1 upmixer

- Highly downmix compatible
- Perfect for stems and full mixes
- Neural Network dialog isolation
- Natural directional projection
- Full panoramic distribution
- TV & Film mix compatible

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Bundles

From naturally extracted and expanded soundscapes to full cinematic big-stage enhancement, Halo upmix delivers with intuitive ease, all the control you need to fine-tune your surround mix to perfection. With unique centre channel management, including switchable dialog extraction, Halo is perfect for all types of production from archive restoration and TV through to the full 7.1 Feature Film experience.

Natural Extension

Powerful real-time analysis of the original stereo material identifies and extracts locational cues, to naturally extend the panorama - without the introduction of any artificial reverberation, chorusing or delay into the downmix - leaving the inherent character of the original source intact.



"For the mix of the feature documentary, "I Am a Ukrainian: Personal Stories of a Revolution", I used the Halo Upmix to take the stereo music cues and spread them to surround. Most of the music in the film was delivered to the stage as 5.1 score. Halo Upmix did a very good job in matching the stereo cues to it."

Tom Marks | Re-Recording Mixer
Warner Bros.

Downmix Compatibility

Because Halo generates a coherent spatial sound, you can be assured of a high-quality downmix. The 'exact' mode function ensures ultimate downmix performance where, as in TV re-purposing for instance, maintaining the relationship between the original, upmixed and downmixed versions is imperative.

Big sound

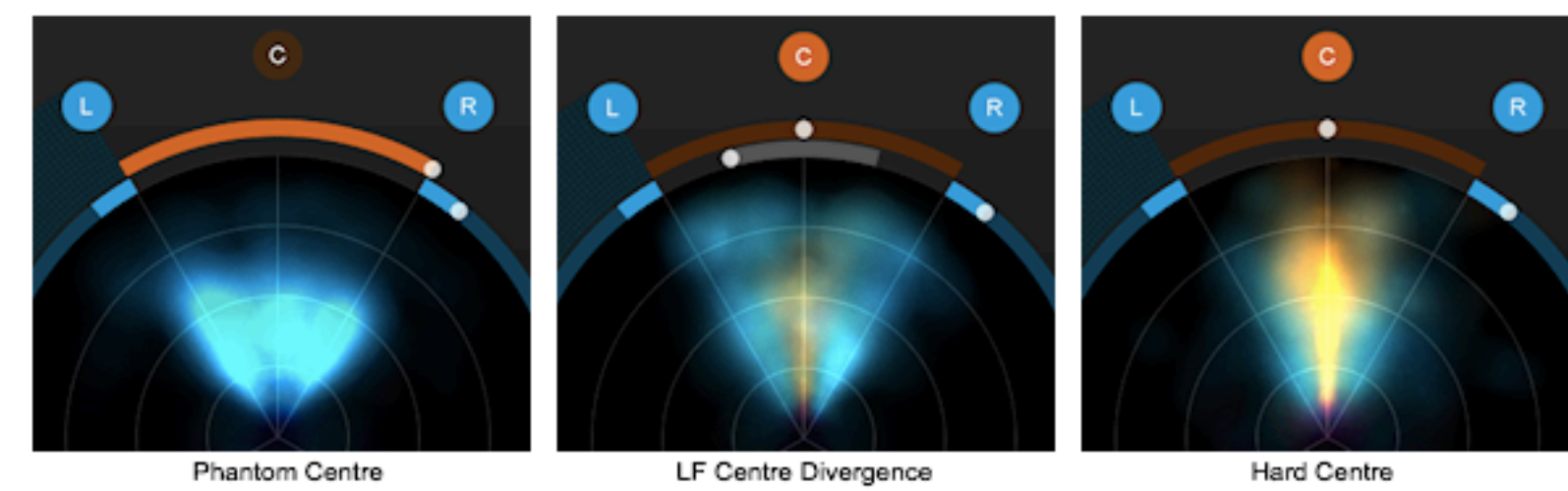
For those situations that require an immersive cinematic dynamic, full control is available of all the relative surround balances, allowing any surround upmix to be crafted for a perfect blend into the complete 7.1 panorama.

Detailed Centre Channel Control

Centre channel extraction and control is provided for in a separate 'advanced' panel for use when dealing with intricate mixes, where no access to the original stems is available, offering unparalleled control - including neural network based dialogue extraction.

Powerful Spatial Analysis

Halo also includes a powerful spatial analysis view, intuitively showing the energy distribution of the upmixed panorama. Colour can additionally be used to indicate the speaker source for audio in any position, clearly indicating cases including phantom vs hard centre predominance etc.



Applications

- Stem and group upmixing
- 7.1 cinematic sound stage enhancement
- TV stereo to surround upmixing with hard centre
- Re-purposing of original stereo for cinematic release
- TV archive enhancement for 5.1 broadcast
- Natural extension of original stereo panoramas and atmospheres

Cross platform/Multiple format

Halo is available for Windows and OSX in AAX, VST and Audio Unit plugin formats.

Our Products

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- ▶ Loudness
- ▶ Surround Tools
- ▶ Mix & Mastering
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