

# **Surround Suite**

Upmix, downmix & reshape multichannel sound

# **Define your surround mix**

Surround Suite delivers all the control needed to define, enhance and fine-tune your surround mix to perfection. Achieve natural and coherent upmixing from stereo to 5.1 and 7.1 via Halo Upmix, take advantage of ISL's transparent True Peak limiting and SEQ-S's linear phase EQ in surround modes, and complement your surround workflow with Halo Downmix's precise and tweakable downmixing.



# **Halo Upmix**

# Natural extension

With unique centre channel management, including switchable dialog extraction, Halo Upmix is perfect for all types of production from archive restoration and TV through to the full 7.1 feature film experience.

# **Halo Downmix**

# Complement your workflow

Precise surround control, versatile downmix balancing and mix monitoring for accelerating and enhancing your surround productivity. Halo Downmix is the glue that brings your workflow together, allowing you to deliver in surround and stereo with ease and without compromise.

#### ISL

# Transparent, reliable

No need to second guess your sample-peak limiter time and again, or deliberately increase headroom to avoid a downstream problem. Limiting in up to 7.1.2 channels, just dial in your True Peak limit and let ISL take care of the rest.

## SEQ-S

# Unparalleled flexibility

SEQ-S gives you EQ matching up to 7.1, with stereo mid/side operation and automated spectrum analysis. Automated EQ morphing allows for controlled scene transitions and creative sound design possibilities.

#### 3D extensions

Halo Upmix and Halo Downmix each have an optional 3D extension, adding a vertical axis. This expands Halo Upmix to 7.1.4 channels, as well as 1st, 2nd and 3rd order Ambisonics. Halo Downmix 3D can receive up to 7.1.2 channels.









## **Key features**

- Full access to surround balances
- Regulate low frequency content
- No phase warping
- Individual surround channel access
- Fine-tune surround mix
- Clear visual feedback