

ONE SIGNAL. A BETTER FIT.

4K60 scaling. Flexible audio.



SCL100-000 4K60 HDMI Scaler

Match your display. Keep transitions seamless. Put audio where it belongs.

A better fit for every display

The SCL100-000 is a compact, single-channel HDMI 2.0 scaler that brings flexible video and audio processing to professional AV systems. With up to 18Gbps bandwidth and 4K60 4:4:4 support, it adapts an HDMI source to the connected display. Choose automatic scaling, fixed 4K60, 4K30, 1080p60 or 1080p30 SDR output, or Bypass mode to preserve the original signal.

Smooth changes. Flexible sound.

Placed after an HDMI matrix or presentation switcher, the SCL100-000 supports seamless switching with last-frame freezing as the input signal changes. Select audio de-embedding to feed an audio DSP or amplifier from the 5-pin analog output, or embed an external stereo source through the 3.5mm input into the HDMI output. HDMI audio supports 2-channel PCM.

Simple to set. Easy to integrate.

A front-panel DIP switch provides direct control of scaling and audio mode, with settings taking effect immediately. CEC pass-through carries control commands to the display, while Auto mode scales to its EDID native timing. The HDR and 3D pass-through are available in Bypass mode.

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FRONT

Status LEDs / 4-pin DIP control / USB-C firmware



REAR

12V DC / HDMI IN + OUT / Analog audio IN + OUT


4K60 4:4:4 video
HDMI 2.0 / 18Gbps

Audio de-embedding
Analog stereo to DSP or amplifier

Six scaler modes
Auto, four fixed SDR modes, Bypass

Audio embedding
3.5mm stereo into HDMI output

Seamless switching
Last-frame freeze on input changes

CEC pass-through
Display commands over HDMI

Display-matched scaling
Auto mode follows EDID native timing

USB-C firmware port
Convenient device updates

HDCP 2.3 support
Backward compatible

**SMALL FOOTPRINT.
MORE FLEXIBILITY.**
105 x 21 x 80.2mm

Mounting brackets and 12V power adapter included. Maximum power consumption: 3.8W.

SCALING + AUDIO INTEGRATION

Two applications. Select the required audio mode with DIP switch 4.

01 DE-EMBED AUDIO



02 EMBED AUDIO



Audio modes are selectable; embedding and de-embedding are not simultaneous.