

Cintel Audio and KeyCode Reader



The Cintel Audio and KeyCode Reader lets you capture professional, high quality audio and KeyCode information with images directly from film with the Cintel Scanner. You get LED illumination with advanced optics and precision mechanical adjustments along with a precision capstan and encoder that automatically corrects wow and flutter. With unique identification numbers for each film frame it is easy to correlate with corresponding video time frames.

\$3,495

Features

Equalisation

Optical audio SMPTE, Magnetic audio IEC.

Supported KeyCode Scan Speeds

All scanner speeds.

LED Type

Optical audio and KeyCode Deep RED.

Supported Audio Scan Speeds

6fps-125% chosen film rate. i.e. 24fps film frame rate has a 30fps maximum scan speed and 16mm film has a 12fps lower limit.

Supported Optical Audio Types

Variable Area.
Variable Density.

Audio Sampling Rate and Bit Depth

48kHz 24 bit PCM WAV file

Optical Audio 35mm

Bandwidth: 40Hz-16kHz ± 2 dB
SnR Signal to Noise Ratio:
Transparent film base -65dB (measured with flat weighting).
Wow and Flutter: < 0.15% (measured with IEC 386 weighting).

Optical Audio 16mm

Bandwidth: 40Hz-7kHz ± 2 dB
SnR Signal to Noise Ratio:
Transparent film base -65dB (measured with flat weighting).
Wow and Flutter: < 0.3% (measured with IEC 386 weighting).

Magnetic Audio

Engagement Pressure: 15 grams
Bandwidth: 32Hz-14kHz ± 2 dB
SnR Signal to Noise Ratio: -55dB (measured with flat weighting).
Wow and Flutter: < 0.3% (measured with IEC 386 weighting).

Full Modulation Level

-18dBFS

Headphones Level

-18dBu at 50 Ω load (for monitoring purposes only).

Connections

Preview Audio Output

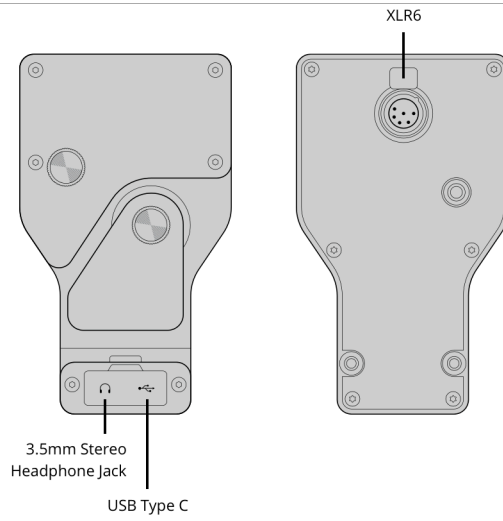
3.5mm stereo headphone jack.

Audio Connection

XLR6

Computer Interface

USB Type-C for software updates.



Power Requirements

Power Consumption

Voltage 12V. Power 10W.

Ideal Film Conditions

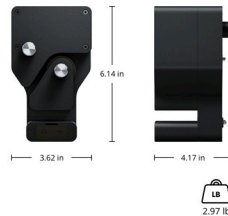
Operating Temperature

18 - 28°C

Relative Humidity

Maximum 65% non-condensing.

Physical Specifications



What's Included

Cintel Audio and KeyCode Reader

Warranty

12 Month Limited Manufacturer's Warranty.

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