Blackmagicdesign

Cintel Audio and KeyKode Reader

The Cintel Audio and KeyKode Reader lets you capture professional, high quality audio and KeyKode 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 KeyKode Scan Speeds
All scanner speeds.

LED Type
Optical audio and KeyKode 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 ±2dB
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 ±2dB
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 ±2dB
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 50Ω load (for monitoring purposes only).
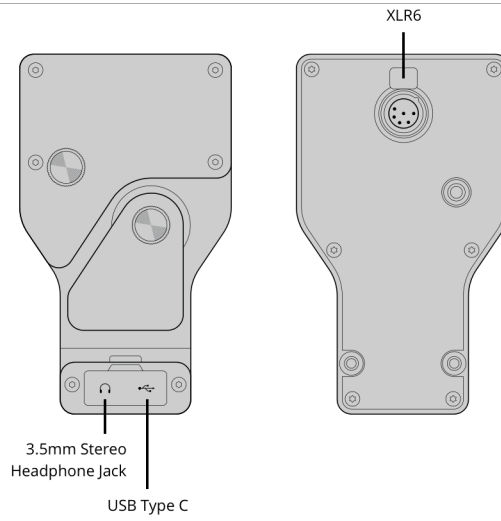
Connections

Preview Audio Output
3.5mm stereo headphone jack.

Audio Connection
XLR6

Computer Interface
USB Type-C for software updates.

XLR6

3.5mm Stereo
Headphone Jack

USB Type C

Power Requirements

Power Consumption
Voltage 12V. Power 10W.

Ideal Film Conditions

Operating Temperature
18 - 28°C

Relative Humidity
Maximum 65% non-condensing.

Physical Specifications

6.14 in

3.62 in

4.17 in

LB
2.97 lb
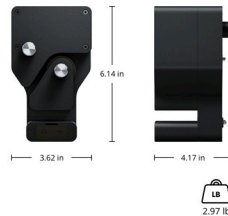
What's Included

Cintel Audio and KeyKode Reader

Warranty

12 Month Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller