

MAYA1010 Specifications

Analog Audio

1. Analog Inputs

- 1) Connector Type : 1/4" female TRS-type, balanced or unbalanced(ch 1~8)
- 2) Peak level : 0dBFS @ +6.5dBV (-10dBV nominal)
- 3) Impedance : 10 kohms minimum
- 4) Att. & Gain Control : -60dB ~ +15dB (0.5dB step size) *ch12 only

2. Analog Outputs

- 1) Connector Type : 1/4" female TS-type, unbalanced (ch 1~8)
- 2) Peak level : +6.2dBV @ 0dBFS (-10dBV nominal)
- 3) Impedance : 100 ohms
- 4) Attenuation Control : -60dB ~ 0dB (0.5dB step size)

3. Mic Preamplifier

- 1) Peak level : 0dBFS @ -40dBV
- 2) Gain Adjustment : Gain +31dB up + -60 ~ +15dB (0.5dB step size)
- 3) +12V phantom power supply

4. Headphone Amplifier

- 1) Load Impedance Range : 32-300 ohm (for the best performance)
- 2) Output Power : 125mW @ 32 ohm per channel

Digital Audio

1. Internal 20 ch / 36 bit Digital Mixer (Input 10 ch/Output 10 ch)

2. Sample Rate: (22.05, 24)*, 32, 44.1, 48, 88.2, 96 kHz

*analog only

3. A/D Converter

- 1) Signal to Noise Ratio : 107dB (A-weighted) @ fs=48kHz
- 2) Dynamic Range : 107dB (-60dBFS with A-weighted) @ fs=48kHz
- 3) S/(N+D)(-1dB) : 100dB @ fs=48kHz
- 4) Interchannel Isolation : -110dB
- 5) Resolution : 24 Bit

4. D/A Converter

- 1) Signal to Noise Ratio : 112dB (A-weighted) @ fs=44.1kHz
- 2) Dynamic Range (S/N) : 112dB (60dBFS with A-weighted) @ fs=44.1kHz
- 3) THD+N : -94dB @ fs=44.1kHz
- 4) Interchannel Isolation : -100dB
- 5) Resolution : 24 Bit

5. Digital Input

- 1) Connector Type : RCA (provided via breakout cable)
- 2) Format : IEC-60958 Consumer
- 3) Sampling Rate : 32,44.1,48,88.2,96KHz
- 4) Resolution : 24 Bit

6. Digital Output

- 1) Connector Type : RCA (provided via breakout cable), Optical (on-board)
- 2) Format : IEC-60958 Consumer
- 3) Sampling Rate : 32,44.1,48,88.2,96KHz
- 4) Resolution : 24 Bit

7. MIDI I/O

- 1) 1-in, 1-out 16 MIDI channels in and out
- 2) Connector Type : Standard MIDI 5-pin DIN (provided via breakout cable)