

# VAC-2000UHD

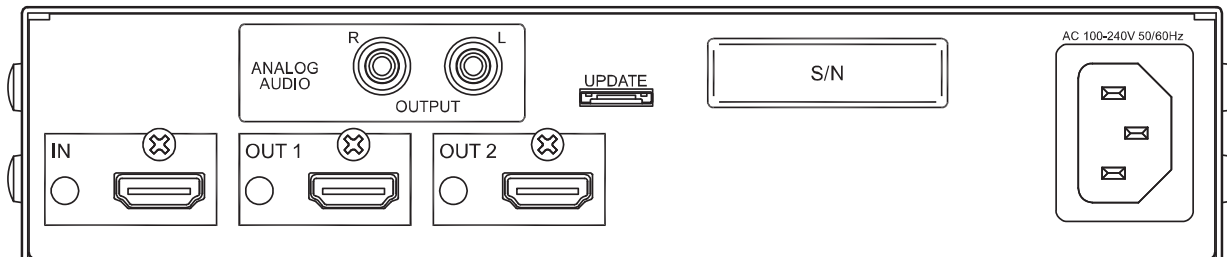


4K@60 and HDCP2.2 supported HDMI Distribution Amplifier  
(with audio De-embedder)

The IDK VAC-2000UHD is a 4K@60 and HDCP 2.2 supported HDMI 2 distributions amplifier for video and audio. It distributes 4K@60 video signals having four times the resolution of full HD to 2 HDMI output connectors, which support HDCP 2.2.

The VAC-2000UHD converts digital audio into analog audio and output them.

## FRONT & REAR PANEL



## FEATURES

- Video:**
  - 4K@60 (4:4:4)
  - HDCP 1.4 / 2.2
  - Anti-snow
- Audio:**
  - Converting HDMI embedded audio to analog audio
- Others:**
  - EDID emulation
  - DDC buffering
  - Displaying I/O signal status
  - Connection Reset

2016-04

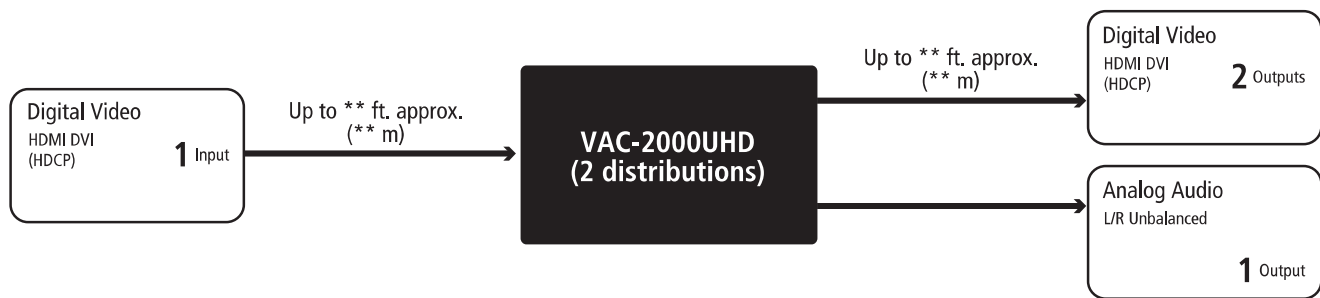
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## CONNECTION DIAGRAM



## SPECIFICATIONS

Input	Video	Digital	Number / Signal	1 input / HDMI, DVI 1.0 (HDCP 1,4 / 2,2) TMDS single link TMDS clocks: 25 MHz to 300 MHz Dot docks: 25 MHz to 600 MHz
			Connector	1 female HDMI Type A
		Others	Color depth : 24 bit, 30 bit, 36 bit Deep Color	
		Formats	VGA to 4K 480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 4K	
Output	Video	Digital	Number / Signal	2 outputs / HDMI, DVI 1,0 (HDCP 1,4 / 2,2) TMDS single link TMDS clocks: 25 MHz to 300 MHz Dot docks: 25 MHz to 600 MHz
			Connector	2 female HDMI Type A
		Others	Color depth : 24 bit, 30 bit, 36 bit Deep Color	
		Formats	VGA to 4K 480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 4K	
Output	Audio	Digital	Number / Signal	2 outputs / Multi-channel linear PCM up to 8 channels Sampling frequency: 32 kHz to 192 kHz Sample Size: 16 bit to 24 bit Baseline level: -20 dBFS Maximum I/O level: 0 dBFS
			Connector	2 female HDMI Type A
		Analog	Number / Signal	1 output / Stereo L/R unbalanced signals Output impedance: 75 Ω, Standard level: -10 dBu Maximum output level: +10 dBu
			Connector	1 RCA jack
Plug & Play				DDC2B (built-in EDID / EDID copied from monitors / can be selected from EDID of connected monitors) Built-in EDID: the maximum resolution can be selected.
Automatic cable equalization				Input: 16,4 ft, to ** ft, approx, (5 m to ** m) Output: 16,4 ft, to ** ft, approx, (5 m to ** m)
Functions				Input and output cable equalization, Audio A/D and D/A conversion, Anti-snow, De-embedded audio from HDMI signal, DDC buffer, 7-segment LED signal status check, Connection Reset , Key lock
Others	Power	100 - 240 VAC ± 10%, 50 Hz/60 Hz ± 3 Hz		
	Power consumption	TBD		
	Dimensions	8,27 x 1,73 x 7,87' / 210 (W) x 44 (H) x 200 (D) mm (EIA half size, projections are not included)		
	Weight	TBD		
	Temperature	Operating: 32°F to 104°F (0°C to +40°C) Storage: -4°F to 176°F (-20°C to +80°C)		
Humidity				Operating / Storage humidity: 20% to 90% (Non Condensing)