



AVS Audio-Video Streamer

Key Features:

- All-in-one, freestanding broadcasting system
- Full HD webcam with H.264 video compression
- High-quality USB condenser boundary microphone (48kHz/16-bit) built into base
- Dimmable LED light ring / daylight-balanced with cool, warm and diffusion filter accessories

Specifications:

- Camera
 - Fixed-focus
 - CMOS Sensor
 - Diagonal field of view: 70 °
 - Optical resolution: 2MP native
 - Full HD 1080p video (up to 1920 x 1080 pixels) recording
 - Frame rate: 30 fps/1080p, 30 fps/720p

- USB-C output to computer for high-speed, low-latency
- Internal USB hub
- Headphone amplifier

Overview:

The Marantz AVS is an all-in-one broadcast system that offers the live streamer professional components in a compact, free-standing array.

The AVS features a full HD webcam compatible with H.264 video compression, a high-quality 48kHz/16-bit USB condenser boundary microphone conveniently integrated into the base of the unit, and an LED light ring, daylight-balanced, with both cool and warm filter accessories for the look of a studio production. The Marantz AVS is a unique, all-in-one broadcast tool that is designed for live-streaming, video calling and gaming applications. It is compact and simple, perfect on a desktop, and the lightweight design makes it portable enough to take on location.

To make the system truly self-contained and capable of handling any streaming/podcast task without the need for additional equipment, the AVS has a high-speed USB-C computer output for low latency and an internal USB hub. There is even an onboard headphone amplifier so audio monitoring is simple. Everything the demanding streaming/broadcasting enthusiast needs is right here, in one convenient, high-performance package.

- H.264 video compression
- ON/OFF switch
- Automatic low-light and white balance correction
- Compatible with Windows® XP, 7, 8, 10, Mac OS X, LINUX, Android
- Operates in USB Video Device Class (UVC) mode
- USB 2.0 – Class 2 Compliant Driver
- Boundary Microphone
 - Element: Back electret condenser
 - Polar pattern: Half-cardioid (cardioid in hemisphere above mounting surface)
 - Open Circuit Sensitivity: -44dB ± 3dB (0db = 1V/Pa @ 1KHZ)
 - Output impedance: 2.2 kΩ ± 30% (@ 1kHz)
 - Sample rate: 32 kHz / 44.1 kHz / 48 kHz @16-bit
 - Frequency response: 150 Hz - 10 kHz
 - Signal-to-Noise Ratio: >60 dB (1kHz @ 1% THD)
 - Max SPL: 100 dB
 - ON/OFF switch
- Headphone Amplifier
 - Frequency Response: 20 Hz – 20 kHz
 - Output power: 130mW
 - Level control
 - 3.5mm stereo output
 - Mix control to mix microphone audio with USB audio input
- LED Light Ring
 - 4" dimmable LED light ring
 - (30) wide-angle white LEDs @ 5600K
 - (3) accessory filters
 - Diffused daylight
 - Cool
 - Warm
- USB
 - USB 1 & 2: (2) Type A USB 3.0, 0.75A total available current between two ports for powering devices
 - To PC: (1) USB-C connector / USB 3.0 connection
 - USB Audio In: Class 2 compliant speaker device for audio to be monitored in headphone output – set by user in the computer
- Microphone Auxiliary Output
 - Fixed line-level output on 3.5mm TRS jack
- Dimensions
 - Height: 19.1" (485mm)
 - Width: 7.39" (188mm)
 - Depth: 6.26" (159mm)
- Weight: 2.29 lbs (1.04kg)
- Power
 - AC-DC power supply
 - 100 ~ 240 VAC compatible
 - 12 VDC @ 1 amp output