AVR-1680

SOUND PROCELLA®

PERFECTED

Multi-channel audio amplifier

INTRODUCTION

The Procella AVR-1680 multi-channel audio amplifier has been designed to provide configurable, consistent and reliable high performance audio power amplification for residential and commercial applications. Support Dolby Atmos, DolbyTrue HD and all backward Dolby audio formats. Support DTS:X, DTS-Master and all backward DTS audio formats. Support 4K/60Hz, RGB 4:4:4, 18GHz bandwidth HD video signal. Support Dolby Vision and HDR 10 video signal. Support HDMI2.0,HDCP2.2. Support 7.3.6 and 9.3.4 decoding output. HDMI 6 in 2 out, 2 way coaxial, 2 way optical and 4 way analog inputs. HDMI eARC and CEC. Support more than 27 speaker configurations from2.0 to 9.3.4. Built-in 11 channels amplifiers, L/R/C: 240W(8Ω) ,other channels: 120W (8Ω) Big power Hi-Fi amplifier design can drive 7.3.4 speaker configuration.

TECHNICAL SPECIFICATIONS

Rated impedance	8 ohms nominal	**Dimensions** (WxDxH)	431x394x200mm (without feet, knobs, terminal posts) 431x435x217mm (including feet, knobs, terminal posts)
Distortion (A-weighted, pure mode, 1kHz)	≤0.03%		
Rated power output (THD=1%,1CH, 1kHz)	L/R/C, 240W Rms/8Ω 120W Rms/8Ω	**Shipping Carton** (WxDxH)	557x531x334mm (Package size)
Frequency response	10Hz-50kHz(±1/-3dB, pure)	**Net Weigth**	24.3 Kg
Gain	≥38dB (pure)	**Shipping Weight**	28.1 Kg
SN	≥95dB (A-weighted, pure)	**Certification**	FCC and CE
Power	110-115V~/60Hz, 220-230V~/50Hz	**Assembly**	Designed by Procella Audio Manufactured in China