



# AVR-1680

## Multi-Channel Audio Amplifier

### Technical Specifications



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

At last – Procella Audio quality in a processor/receiver! The AVR-1680 launches Procella into a new product category with a highly versatile single box solution that combines the practicality of a receiver with the capability of a stand-alone processor.

For impeccable immersive audio, the AVR1680 discretely renders up to 16 channels of Dolby Atmos and DTS:X, with up to three independent subwoofer channels and the option to add either top middle or wide channels to a basic 7.1.4 system configuration.

Procella stands for wide dynamic range, and the AVR1680 delivers, with 240W/channel for the L/C/R channels and 120W/channel for an additional 8 channels. Setup and room tuning can be accomplished through a proprietary AutoEQ system with included microphone, as well as available PEQ filters. The L/C/R channels offer 11 bands of PEQ, with 7 bands each for the other channels and 5 for each subwoofer output.

Six HDMI 2.0 inputs, two outputs and eARC capability provide great flexibility for multiple sources and displays.