

Technical Specifications

Unless otherwise noted, the below MX180 Specifications were taken with RoomPerfect™ set to Bypass Mode and Voicing Mode set to Neutral.

Frequency Response

Left, Center, Right, Left Surround, Right Surround,
Left Back Surround, Right Back Surround:
±0.5dB from 20Hz-20,000Hz
Subwoofer:
±0.5dB from 20Hz-8000Hz

Total Harmonic Distortion

0.005% maximum from 20Hz to 20,000Hz at rated
Output

Signal To Noise Ratio

Phono: 86dB below 10mV Input (A Weighted)
High Level: 96dB below rated Output (A Weighted)

Rated Output Voltage

2.5V Unbalanced Outputs (Main)
5.0V Balanced Outputs (Main)

Maximum Voltage Output

6.5V Unbalanced (8.5V Subwoofer)
13V Balanced (17V Subwoofer)

Output Impedance

75 ohms Unbalanced
100 ohms Balanced

Input Impedance

Phono: 47k Ohms, 65pf
High Level: 10k Ohms Unbalanced and Balanced

Sensitivity for Rated Output

Phono: 5mV
High Level: 500mV Unbalanced
1V Balanced

Maximum Input Signal

Phono: 50mV
High Level: 5V Unbalanced and Balanced

Tone Controls

Bass Control: ±10dB at 30Hz
Treble Control: ±10dB at 10,000Hz

HDMI (Inputs and Outputs)

5 inputs, 2 outputs, all 8k
HDR, Dynamic HDR, HDR 10+, HLG, Dolby Vision
eARC, Dynamic Lip-sync, 4:4:4 Color,
REC. 2020, 3D Video pass-through

Coaxial/Optical Digital Input Rate

32kHz to 192kHz, 16/20/24-Bit PCM, Dolby Digital,
DTS

HDMI Digital Input Rate

32kHz to 192kHz, 24-bit PCM, Dolby Digital / DTS/
Dolby Atmos / Dolby TrueHD / Dolby Digital Plus
/ DTS:X / DTS-HD / Master Audio / DTS-HD High
Resolution Audio / DTS Express, 7.1 Multi-Channel
Linear PCM 32kHz to 192kHz 16/20/24-Bit

Video Resolution

8K/60Hz
4k/120Hz

Fixed Rate Link (FRL)

40 Gbps
18 Gbps TMDS

HDCP

Version 2.3

Gaming

Variable Refresh Rate (VRR)
Quick Media Switching (QMS)
Quick Frame Transport (QFT)
Auto Low Latency Mode (ALLM)

Power Requirements

100 Volts, 50/60Hz at 100 watts
110 Volts, 50/60Hz at 100 watts
120 Volts, 50/60Hz at 100 watts
127 Volts, 50/60Kz at 100 watts
220 Volts, 50/60Hz at 100 watts
230 Volts, 50/60Hz at 100 watts
240 Volts, 50/60Hz at 100 watts
Standby, less than 0.5 watt

*Note: Refer to the rear panel of the MX180 for the
correct voltage.*

Overall Dimensions

Width is 17-1/2 inches (44.5cm)
Height is 7-5/8 inches (19.4cm) including feet
Depth is 19-1/2 inches (49.53cm) including the Front
Panel, Knobs, Rear Panel Connections and USB
Drive

Weight

30 pounds (13.6Kg) net, 54 pounds (24.5Kg) shipping

Shipping Carton Dimensions

Width is 25 inches (63.5cm)
Depth is 28 inches (71.12cm)
Height is 18-3/8 inches (46.67cm)