

Yamaha DXR12MKII Specs

PA Speaker

Configuration Active 2-Way

Enclosure Type Bass-Reflex Loudspeaker

Total Power Capacity 1100 W Peak
700 W RMS

Amplifier Power Rating **LF:**
950 W Peak
600 W RMS
HF:
150 W Peak
100 W RMS

Amplifier Class Class-D

Drivers

HF Driver **1 x 1.75" / 44.45 mm Compression Driver with 1" / 25 mm Throat**

LF Driver **1 x 12" / 30.48 cm Woofer**

LF Voice Coil **2.5" / 6.35 cm**

Magnet **HF:**
Neodymium
LF:
Ferrite

Performance

Frequency Range **52 Hz to 20 kHz -10 dB**

Maximum SPL **134 dB SPL**

Coverage Angle **90° H x 60° V (Horn)**

Input Sensitivity **Line Input:**
+1 dBu (Max)
Mic Input:
-32 dBu (Max)
Line Input:
-13 dBu (Max)

Mic Input:
-22 dBu (Center)
Line Input:
+11 dBu (Center)
Line Input:
-3 dBu (Center)

Max Input Level

Line Input:
+24 dBu (Balanced)
Mic Input:
+20 dBu (Balanced)
Line Input:
+16 dBu (Unbalanced)

I/O Impedance

XLR Mic Input:
12 Kilohms (Balanced, Mono)
XLR Line Input:
8 Kilohms (Balanced, Mono)
1/4" TRS Line Input:
40 Kilohms (Unbalanced, Stereo)
20 Kilohms (Unbalanced, Mono)

Protections

AC Coupling, Crossover Overload, DC Fault

Connectivity

Audio I/O

1 x XLR 3-Pin Input
2 x 1/4" TS Input

2 x RCA Input
1 x XLR 3-Pin Thru
1 x XLR 3-Pin Link Output

Signal Processing

Crossover 2.1 kHz

Filters **2 x High-Pass:**
100 Hz, 24 dB/Octave
120 Hz, 24 dB/Octave

Dynamic Processing Compression, Multiband Limiter

Digital Signal Processing 48-Bit DSP: FIR Filter, Venue Settings

Max Sample Rate/Resolution 48 kHz / 24-Bit

Power

AC Input Power **Universal:**
100 to 240 VAC, 50 / 60 Hz

AC Power Connector **1 x** IEC Input

Power Consumption 110 W

Physical

Mounting **2 x** M10 (Top)
1 x M10 (Rear)
1 x 1.38" / 35 mm Pole Socket (Dual Angle)

Monitor Angle 50°

Handles **2 x** Each Side

Cooling Fan (Variable Speed)

Construction Material ABS

Dimensions 14.3 x 23.7 x 13.8" / 362 x 601 x 350 mm

Weight 41 lb / 18.6 kg

Packaging Info

Package Weight 49.4 lb

Box Dimensions (LxWxH) 29 x 17 x 16.5"

