

Overview

The standard model in our range of desktop utility powered monitors, the MS101-4 offers portability in a compact design and simple but comprehensive functions for outstanding usability.



Rear Panel

Features

- 30 W of amplifier power provides clean, high output sound
- Redesigned enclosure for an even lower profile
- Combo Input jack accepts both XLR and 1/4" connectors
- Directly mountable on Euro microphone stands (Optional mic stand adaptor BMS-10A is available for adjusting tilt angle)

Specifications

General Specifications

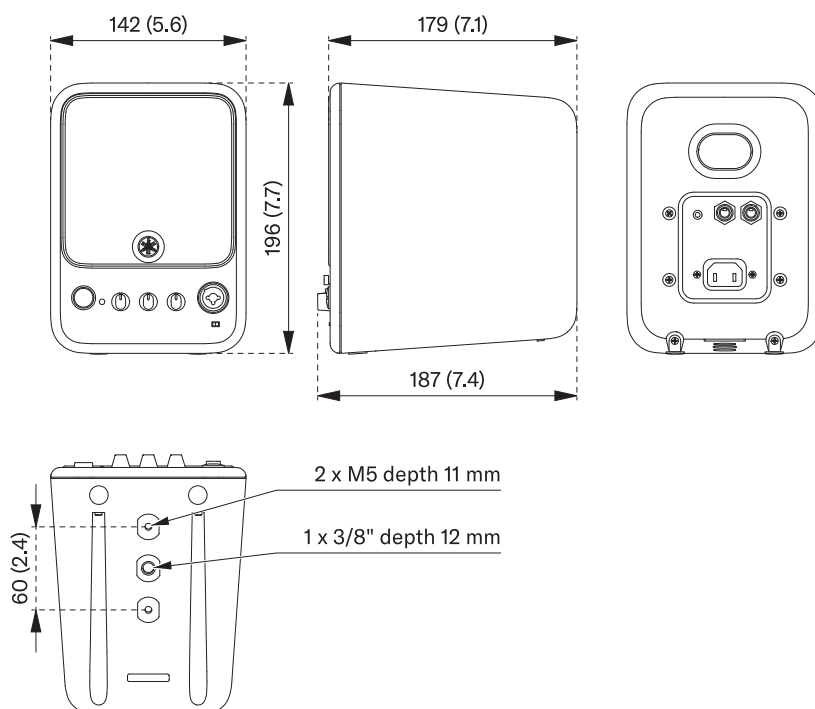
System Type		Full range Powered Speaker, Bass-reflex Type
Components		4" Cone, 1" Voice coil, Ferrite magnet
Frequency Range (-10 dB)		77 Hz - 20 kHz
Amplifier Type		Class-D
Power Rating	Dynamic	30 W
	Continuous	20 W
Maximum Output Level (1 m; on axis)		115 dB SPL *1
Cooling		Natural cooling (no fan)
Connectors	Mic Input	[Front] INPUT: Combo, [Rear] INPUT LINE 1: Stereo Mini, INPUT LINE 2: Phone (TRS)
	Line Out	1 x Phone (TRS)
	AC	1 x AC inlet
Input Impedance		[Front] INPUT: LINE=5.4 kΩ / MIC= 5.4 kΩ, [Rear] INPUT LINE 1,2: 10 kΩ
Input Sensitivity		[Front] INPUT: LINE=-10 dBu / MIC=-40 dBu, [Rear] INPUT LINE 1, 2: -10 dBu (VOLUME: Maximum)
Input Level		[Front] INPUT: LINE=+5 dBu / MIC=-25 dBu, [Rear] INPUT LINE 1, 2: +5 dBu (Nominal Input Level / VOLUME: Center), [Front] INPUT: LINE=+20 dBu / MIC=-10 dBu, [Rear] INPUT LINE 1, 2: +20 dBu (Maximum Input Level)
Others		1 x VOLUME, 1 x LOW CONTROL, 1 x HIGH CONTROL, POWER
Power Consumption		1/8 Power Consumption: 10 W, Idle Power Consumption: 3 W
Power Requirements		100 V - 240 V, 50/60 Hz
Flying and Mounting Hardware		Screw threads (bottom): 2 x M5 depth 11 mm pitch 60 mm (for 2, M5 x 6-10 mm screws), 1 x 3/8" depth 12 mm (for 1 x 3/8" x 9-11 mm screw)
Dimensions (W x H x D, without rubber feet)		142 mm x 196 mm x 187 mm
Net Weight		2.1 kg (4.6 lbs)

*1 Measured peak SPL with pink noise @1 m.

*0 dBu = 0.775 Vrms

Dimensions

Unit: mm (inch)



Options

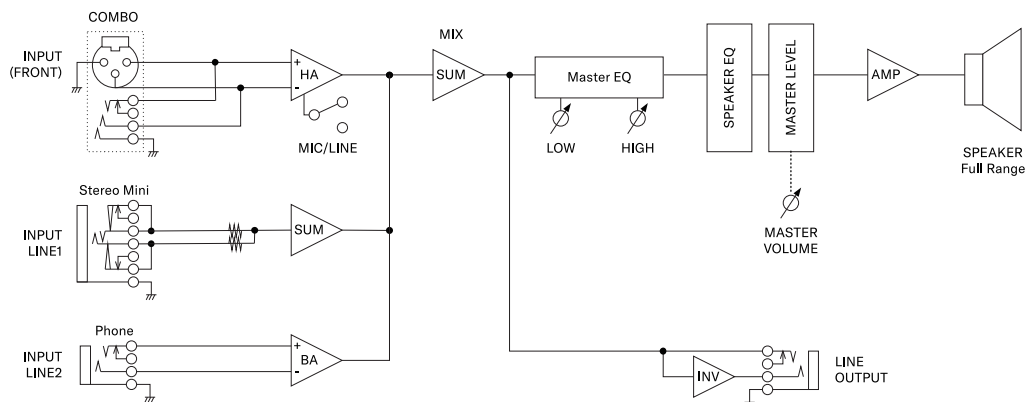
- | | |
|--------------------------|-----------------------|
| • Mic Stand Adaptor | BMS-10A |
| • Free-Angle Clamp | BAS-10 |
| • Wall Mounting Brackets | BWS20-190 |
| • Ceiling Brackets | BCS20-150 / BCS20-210 |

Architectural and Engineering Specifications

The Yamaha MS101-4 Powered Monitor Speaker shall be a compact bass-reflex type full-range loudspeaker system designed for monitor and microphone amplifier applications. The Yamaha MS101-4 Powered Monitor Speaker shall have a single 4" cone driver with a 1" voice coil. The MS101-4 shall incorporate a class-D amplifier capable of delivering 30 watts dynamic or 20 watts continuous power, and it shall meet the following performance criteria: Maximum SPL shall be 115 dB at 1 meter, and frequency response shall be 77 Hz to 20 kHz at 10 dB below rated sensitivity.

A combo connector that accepts balanced input via XLR or TRS phone type plugs shall be provided on the MS101-4 front panel. A MIC/LINE input selector switch shall allow the sensitivity of the front-panel combo connector to be switched to match microphone or line input levels. A stereo mini jack input and mono phone jack input shall be provided on the rear panel for line-level input. The left and right channels of the stereo mini jack input shall be internally mixed to mono. The signals received at all three inputs (one on the front panel and two on the rear panel) shall be internally mixed. A power switch with power indicator, low and high tone controls, and volume control shall be provided on the front panel. Power shall be provided by a built-in universal power supply that accepts 100~240 V AC line voltages at 50/60 Hz. The cabinet shall be black injection-molded polypropylene with two M5 and one 3/8" threaded mounting holes on the bottom surface. Dimensions shall be 142 (W) x 196 (H) x 187 (D) mm. Weight shall be 2.1 kg.

Block Diagrams



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Created in March, 2022

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