

Specifications

The specifications of this unit are as follows.

Platter section

Drive method	Belt drive
Motor	DC motor
Rotation Speed	33 1/3 rpm, 45 rpm
Rotation Speed Variation	±2%
Wow and flutter	.0.2%
Platter	Aluminium die-casting Diameter 30 cm

Tone arm section

Type	Static balance straight tone arm
Effective arm length	223.5 mm
Stylus pressure adjustment range	0–4 g
Acceptable cartridge weight	15.5–19 g (including head shell)
Overhang	19 mm

Cartridge section

Type	MM type
Output voltage	2.5 mV (1 kHz, 3.54 cm/sec)
Stylus pressure	.3.5 ±0.5 g
Cartridge weight	.5.0 ±0.3 g
Cartridge Height	.17.0 ±0.7 mm
Head shell weight	10 g (including screws, nuts, and wires)

Input/output terminals

Analog audio (RCA Unbalanced)
PHONO OUT×1
LINE OUT×1
NETWORK (Wired) ×1 (100Base-TX/10Base-T)

Bluetooth

Sink Function	
Source Device to this unit (ex. Smartphone/Tablet)	
Supported codec	.SBC, AAC
Supported profile	A2DP, AVRCP
Bluetooth version	Ver. 4.2
Wireless output.	Bluetooth Class 2
Maximum communication distance.	10 m (33 ft) without interference

Network

AirPlay supported
Internet Radio

Wireless Network

Wireless Network Standards	IEEE 802.11 a/b/g/n/ac*
	* 20 MHz channel bandwidth only
Radio Frequency Band	2.4 GHz, 5 GHz
WPS (Wi-Fi Protected Setup)	
PIN method	
Available Security Method	
WEP	
WPA2-PSK (AES)	
Mixed Mode	

Audio section (Network, Bluetooth)

Output level (1 kHz, 0 dB, Fs 44.1 kHz)	2.0 ±0.3 V
Signal to Noise Ratio (IHF-A Network) (Infinity zero, Fs 44.1 kHz)	110 dB or higher
Dynamic range (1 kHz, -60 dB, Fs 44.1 kHz)	100 dB or higher
Harmonic Distortion (1 kHz, 0 dB, Fs 44.1 kHz)	0.003% or lower
Frequency Response	
Fs 44.1 kHz	2 Hz-20 kHz (+0/-3 dB)
Fs 48 kHz	2 Hz-24 kHz (+0/-3 dB)
Fs 96 kHz	2 Hz-48 kHz (+0/-3 dB)
Fs 192 kHz	2 Hz-96 kHz (+0/-6 dB)

Audio section (PHONO)

Output level	
PHONO OUT (1 kHz, 3.54 cm/sec)	2.5 mV ±3 dBV
LINE OUT	450 mV (-7 dBV)
Signal to Noise Ratio (A-weighted, 20 kHz LPF)	67 dB or higher

General

AC adaptor power supply	
Input	AC 100-240 V 50/60 Hz
Output	12 V 1 A
Power consumption	6 W
Eco standby	0.3 W
Network Standby On/Bluetooth Standby Off	
Wired	1.4 W
Wireless (Wi-Fi)	1.8 W
Network Standby On/Bluetooth Standby On	
Wired	1.6 W
Wireless (Wi-Fi)	1.8 W
Weight	5.7 kg / 12.6 lbs
Dimensions (width × height × depth)	
	450 × 136 × 368 mm / 17-3/4" × 5-3/8" × 14-1/2"
	(including legs and protrusions)

- ♦ The contents of this manual apply to the latest specifications as of the publishing date. To obtain the latest manual, access the Yamaha website then download the manual file.

[U.K. model]**Wireless communication functions****Bluetooth**

Radio Frequency (Operational Frequency): 2402 MHz to 2480 MHz
Maximum Output Power (EIRP): 7.27 dBm

Wi-Fi (2.4 GHz)

Radio Frequency: 2402 MHz to 2482 MHz
Maximum Output Power (EIRP): 19.98 dBm

Wi-Fi (5 GHz)

Radio Frequency, Maximum Output Power (EIRP):
5170 to 5250MHz, 22.03 dBm
5250 to 5330MHz, 22.27 dBm
5490 to 5710MHz, 24.56 dBm
5735 to 5835MHz, 13.96 dBm

- Wireless devices transmitting over a 5 GHz frequency band can only be used indoors. Use of such devices outdoors is prohibited by law.

EN**SIMPLIFIED EU DECLARATION OF CONFORMITY**

Hereby, Yamaha Music Europe GmbH declares that the radio equipment type [TT-N503] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://europe.yamaha.com/en/support/compliance/doc.html>



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Information for users on collection and disposal of old equipment:

This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products, please take them to applicable collection points, in accordance with your national legislation.

By disposing of these products correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

For business users in the European Union:

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union:

This symbol is only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

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* EEA: European Economic Area

<http://europe.yamaha.com/warranty/>