

# Specifications

English

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 x height x depth)  
 ..... 450 x 136 x 368 mm / 17-3/4" x 5-3/8" x 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:

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## English

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For detailed guarantee information about this Yamaha product, and Pan-EEA\* and Switzerland warranty service, please either visit the website address below (Printable file is available at our website) or contact the Yamaha representative office for your country.

\* EEA: European Economic Area

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