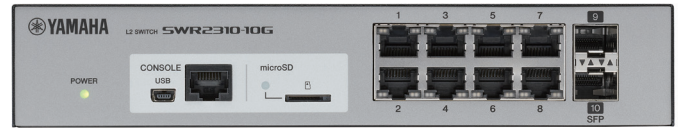


Overview

Intelligent L2 Network switch.



Features

- Available ports: 8 LAN ports and 2 SFP slots
- In-built RADIUS server for advanced security management (Ver.2.04.03 or later)
- Yamaha LAN Monitor supported

Specifications

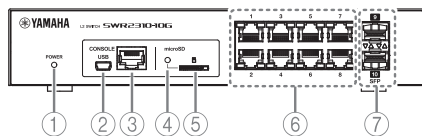
1/2

General Specifications

LAN ports	Standard	IEEE 802.3 (10BASE-T/100BASE-TX/1000BASE-T)
	Number of Ports	8
	Communication Mode	Auto negotiation
	Connector Type	RJ-45
	Polarity	Automatic detection of straight/cross, or fixed at straight
SFP+ Ports	Standard	-
	Number of Ports	-
SFP Ports	Standard	IEEE 802.3z (1000BASE-SX/1000BASE-LX)
	Number of Ports	2
Console Ports	Standard	RS-232C, USB 2.0
	Connector Type	RJ-45, USB mini-B (5-pin)
	Data Transmission Speed	9600 bit/s
Performance	Switching Bandwidth	20 Gbit/s
	Forwarding Rate	15 Mpps
	Flame Buffer	1.5 MB
microSD Slot	Standard	microSD/microSDHC (microSDXC is not supported)
	File System	FAT/FAT32
Indicators	POWER, microSD, LAN port (LINK/ACT, SPEED), SFP port (LINK/ACT, SPEED)	
MAC Address	Indicated in product label on top panel of unit	
Operating Environment	Ambient temperature: 0–50°C, Ambient humidity 15–80% (non-condensing)	
Storage Environment	Ambient temperature: -20–60°C, Ambient humidity 10–90% (non-condensing)	
Power supply Voltage, Frequency	AC100–240V, 50/60 Hz	
Maximum Power Consumption	11.7 W	
Dimensions (W x H x D)	220 mm x 40.5 mm x 250 mm (8.7" x 1.6" x 9.8")	
Weight	1.7 kg (3.7 lbs)	
Accessories	Owner's manual, power cord (3-prong), power cord clamp, legs	

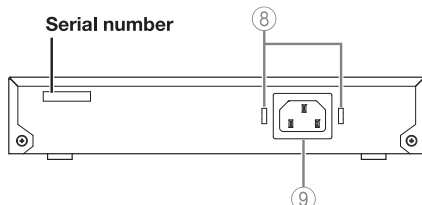
Controls and Connectors 1/2

■ Front Panel



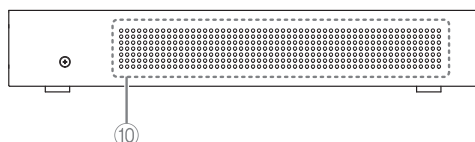
- ① POWER indicator
- ② mini-USB CONSOLE port
- ③ RJ-45 CONSOLE port
- ④ microSD indicator
- ⑤ microSD slot
- ⑥ LAN ports
- ⑦ SFP ports

■ Rear Panel



- ⑧ Power cord clamp attachment holes
- ⑨ Power supply inlet (three-pin connector, C14 type)

■ Side Panel

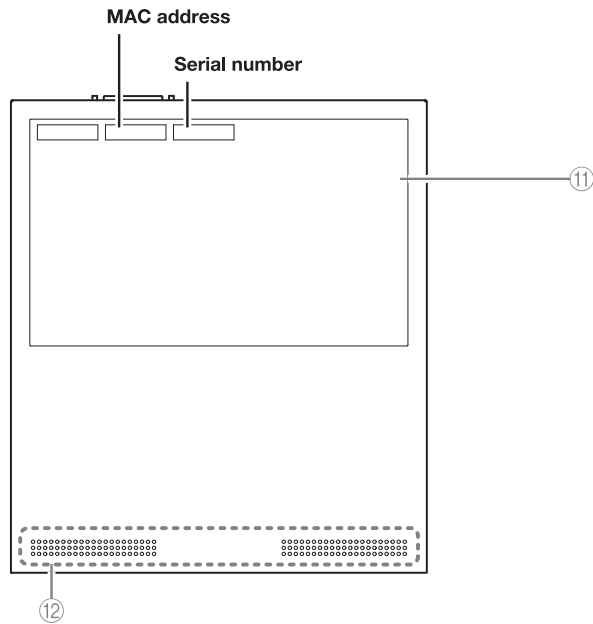


- ⑩ Cooling vents

Specifications

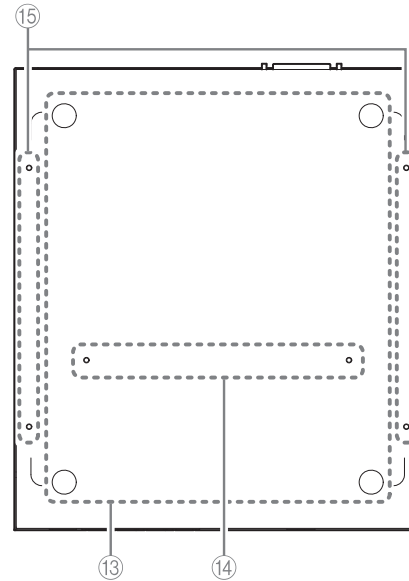
Controls and Connectors 2/2

■ Top Panel



- ① Product label
- ② Cooling vents

■ Bottom Panel



- ③ Leg attachment guides
- ④ Rack mount accessory attachment holes
- ⑤ Wall mount accessory attachment holes

RJ-45/DB-9 Console Cable Pin Configuration

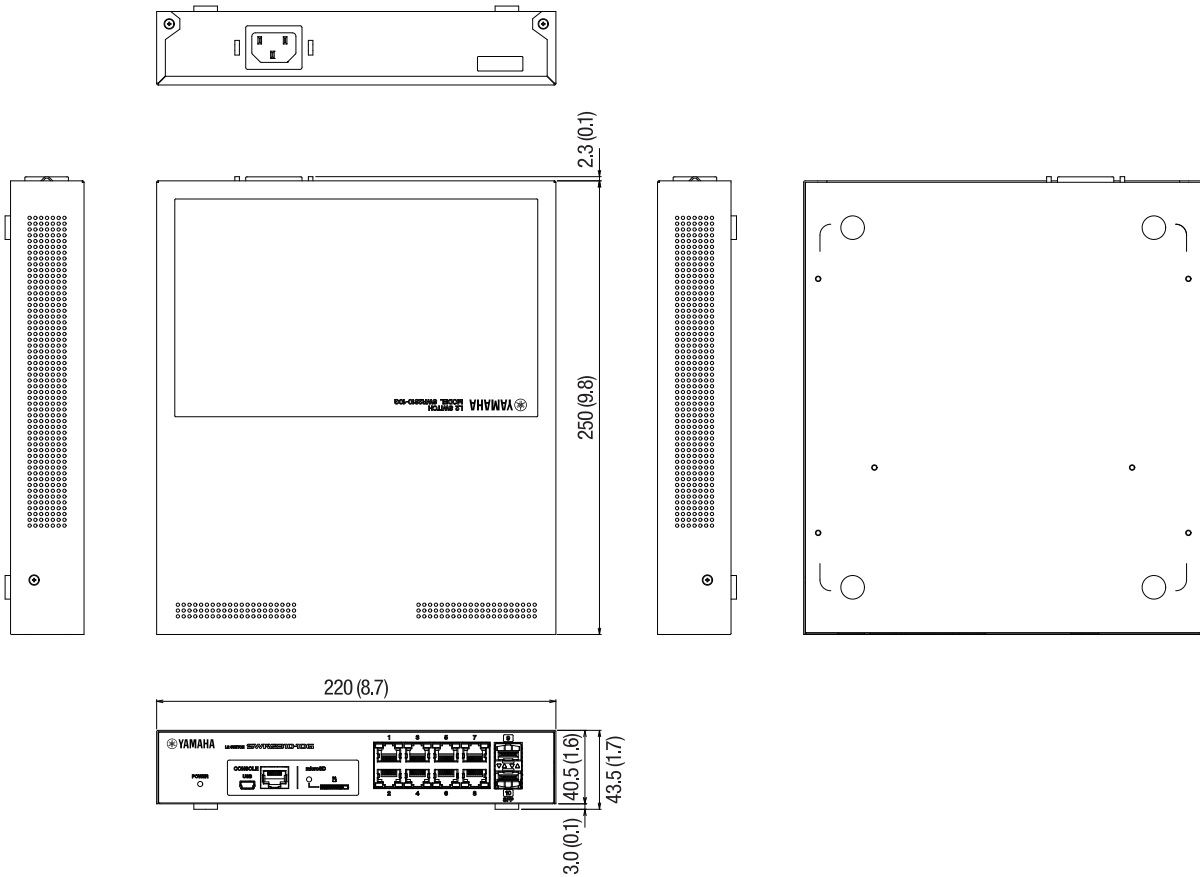
Console (RS-232C)

Signal	RJ-45	D-SUB 9
		9
RTS	1	8
DTR	2	6
TxD	3	2
GND	4	5
GND	5	
RxD	6	3
DSR*	7	7
CTS*	8	4
		1

*DSR and CTS signals are not used by the SWR2310 series.

Dimensions

Unit: mm (inch)



Options

- Rack Mount Accessory RK-SWR
- Wall Mount Accessory WK-SWR
- SFP Module SFP-SWRG-SX/SFP-SWRG-LX

Software

- Yamaha LAN Monitor

Architectural and Engineering Specifications

The Yamaha SWR2310-10G shall be an intelligent ten-port L2 switch optimized for networked audio installations, particularly those that use Dante networking. Eight RJ-45 connectors and two SFP ports shall be provided on the front panel for network connection. The eight RJ-45 standard LAN connectors shall allow IEEE802.3 (10BASE-T/100BASE-TX/1000BASE-T) connection. The two SFP ports shall allow installation of optional SFP modules such as the SFP-SWRG-LX or SFP-SWRG-SX, for IEEE802.3z (1000BASE-SX/1000BASE-LX) connection. One mini-USB port and one RJ-45 CONSOLE port shall be provided on the front panel for setup from a computer. The mini-USB port shall allow connection to the USB port of a computer, and the RJ-45 CONSOLE port shall allow connection to the RS-232C connector (COM port) of a computer. One micro SD slot shall be provided on the front panel, accepting a micro SD or micro SDHC card for SD card boot (firmware, config), firmware update, config file save and copy, log file save, technical support information save, and statistical information save. A front-panel micro SD indicator shall show micro SD card status. A dedicated Yamaha LAN Monitor software application for Windows and macOS (as of LAN Monitor version 1.4.1) operating systems shall allow comprehensive monitoring of SWR2310-10G status, as well as the entire network including connected Dante devices. A “Dante optimization” button on the web-based GUI shall allow automatic setup to ensure stable operation in larger Dante systems. As of firmware version 2.04.03 the SWR2310-10G shall include a built-in RADIUS server for advanced security management. The power supply shall be built in so that no external AC adapter is required. An optional rack mount accessory shall allow one or two SWR2310-10G units to be mounted in a 1U rack space. An optional wall mount accessory shall allow one SWR2310-10G unit to be attached to a wall or ceiling. Dimensions shall be 220 (W) x 40.5 (H) x 250 (D) mm. Weight shall be 1.7kg.

*All information subject to change without notice.

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