AXXESS SWITCH

USER GUIDE



AXXESS

Switch / Switch SE | Rev.1.0 ENG

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SAFETY INSTRUCTIONS

1. Read and retain these instructions.

2. Follow all warnings and guidelines.

3. Clean the device with a dry, lint-free cloth. For deeper cleaning, unplug it and use a damp cloth. Avoid chemical solvents or cleaners.

4. Do not place near heat sources like radiators, stoves, or heat-producing equipment.

5. Protect the power cord from damage, especially at plugs, outlets, and exit points.

6. Unplug during lightning storms or extended periods of non-use.

7. Do not modify the polarized or grounding plug.

8. Place the device horizontally on a stable surface. If stacking, keep the hottest component (e.g., an amplifier) on top.

9. Only qualified personnel should perform servicing.

10. Servicing is required if the device shows damage, such as:
Exposure to moisture or foreign objects
Liquid spills
Unusual operation, physical damage, or being dropped.

11. Keep liquids and objects away from the device's openings. Avoid dripping or splashing; do not place liquid-filled items (e.g., vases) on it.

12. Use in moderate climates and domestic settings only.

13. Connect only to the specified power supply. Ensure the mains plug is easily accessible for quick disconnection.

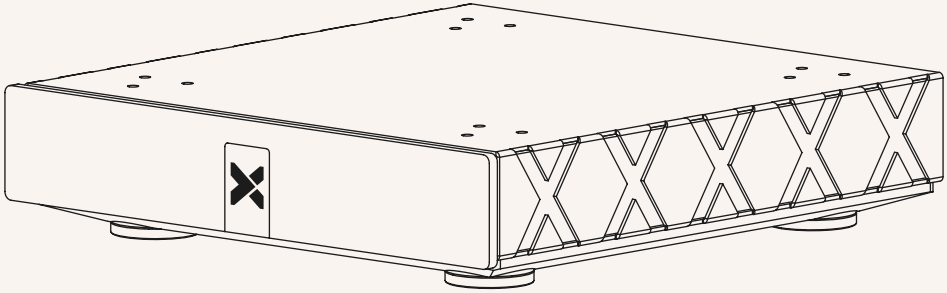
14. If smoke or abnormal odors occur, turn off the device, unplug it, and contact your dealer.

WARNING:

- To reduce fire or shock risk, do not expose the device to rain or moisture.

- The lightning symbol in a triangle alerts users to potentially hazardous voltage inside the device.

- Do not remove the cover or back panel. There are no user-serviceable parts inside. Refer servicing to qualified personnel.



CONGRATULATIONS

Congratulations on your selection of the Axxess Switch! We extend our heartfelt appreciation for choosing Axxess, where precision engineering meets musical passion, giving you an exclusive entry into uncompromised streaming performance.

The Axxess Switch is far more than a simple network component; it represents a commitment to elevating your audio system. Designed with our advanced technologies in grounding and resonance control, it establishes the foundation for superior playback quality.

Prepare for an exceptional and emotionally rewarding listening experience with the Axxess Switch, as it transforms your streaming chain with stability, precision, and purity.

ABOUT THE PRODUCT

The performance of an audio system built with streaming in mind largely depends on the router as the upstream component that provides this functionality. A network streamer connected to the web via a router is exposed to noise generated by it and other devices that also connect to it; PCs, laptops, switches, etc. To add insult to injury, Ethernet is a “floating” network, without ground connection to drain out excess noise.

A network switch forwards network data to various devices, and it also provides a barrier between an audio system and router. Most such products built for audio playback are DC designs, which means that noise they stop from seeping into a network streamer and downstream components doesn’t have a way of being removed from the system that they are part of. Axxess utilizes AC power with a dedicated grounding line and incorporates our extremely silent resonant-mode power supplies. This means that it provides a way out for noise and doesn’t generate interference of its own. These two features are highly desirable as far as high-performance audio playback is concerned.

While being a full-fledged network component is the most important role of the Axxess Switch, this is in fact a highly potent resonance control device. The elaborate enclosure built upon natural wood-based composite material is extremely effective in keeping tiny mechanical oscillations away from the internal switch board, so that data routed by it from one external network component to another boasts very low noise floor.

This essentially means that the streamer connected to the Axxess Switch receives from it network data stripped from mechanical noise, to a point when the result with and without this device in the audio system is easily demonstrable.

The underside of the Axxess Switch is equipped with four discs that accommodate optional yet highly advised Ansuz Darkz or Axxess Noir anti-vibration feet, which ground unwanted vibrations and transform them into heat. These separately sold accessories greatly enhance the performance of Axxess Switch. It also shares its enclosure with Axxess Power Distributor, so these two products can be conveniently positioned one atop the other to create a visually clean stack that takes only as little space as it is necessary. Each’s top features 4 x 3 small recessions that accept either titanium or wolfram ball bearings. The mechanical interface these balls create between Axxess Switch and Power Distributor additionally reinforces their noise-suppressing properties and is desirable.

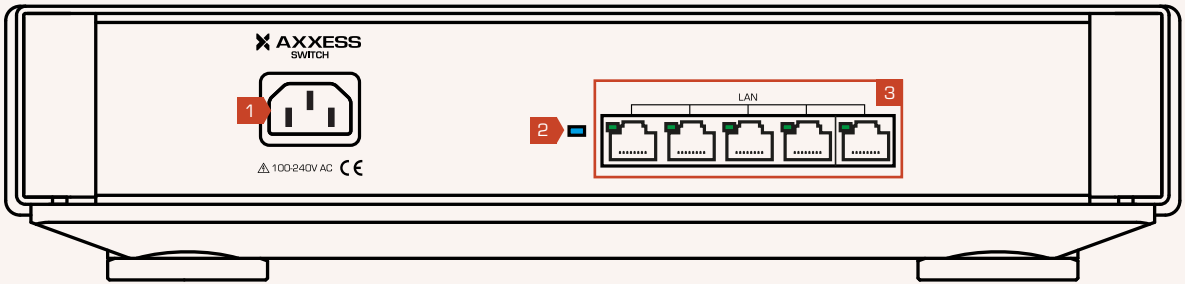
Anti-Arial Resonance Coils

Used internally and externally, all cables and their shielding act as antennas for unwanted airborne sound waves (RF noise), which impair the clarity and authenticity of the audio signal. Our Anti-Aerial Resonance Coil (AARC) technology applied to the internal wiring inside the special version (SE) of Axxess Switch protects the signal from the airborne RF noise by its absorption in one coil, and then elimination in the counter coil. The AARC technology also splits the length of the internal wiring into undefined lengths, so that it is less likely to absorb RF noise, which no longer can bleed into the audio system as annoying ‘white noise’.



FUNCTIONS

CONNECTIONS ON THE BACK OF THE DEVICE



1 POWER INLET (CAUTION!)

The switch accepts mains voltages from 100 to 240V AC 50-60Hz.

The power inlet accepts power cables with an IEC 60320-C13 female connector.

2 SYSTEM STATUS

A steady blue LED shows that the Axxess Switch is powered on and functioning as expected. This continuous light confirms that the unit is receiving power and is ready for use.

3 LAN IN/OUT (RJ-45)

Port Activity - 1 Gbps (Green)

Green LEDs turn on when a gigabit connection is active.
The light blinks when the port is handling data.

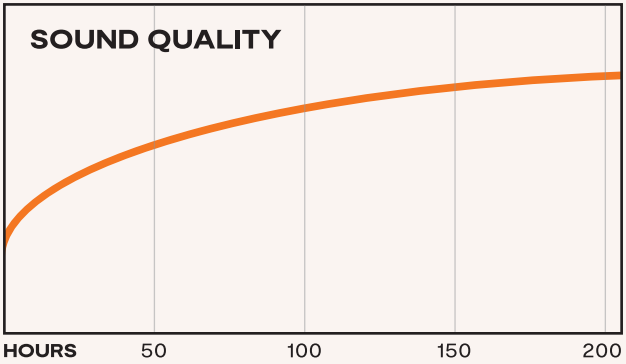
Port Activity - 10/100 Mbps (Orange)

Orange LEDs turn on when a 10 or 100 Mbps connection is active.
The light blinks when the port is handling data.

BURNING IN

Your new Axxess product performs at a high level from the very first time you connect it to your music system. It does not need a burn-in period to give you the performance you can rightfully expect when investing in an exclusive High-End product.

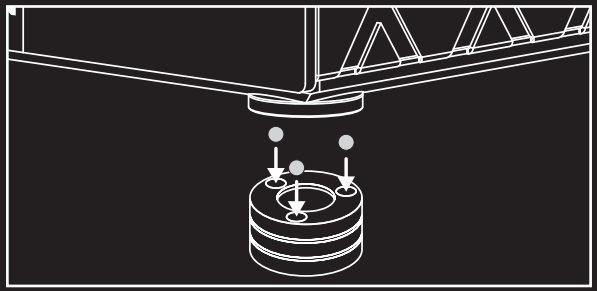
However, during 100-200 hours of use, the product will slowly evolve its performance to its peak.



RECOMMENDED UPGRADES

Resonance control

Ensure that the Axxess Switch always receives a stable mechanical grounding. This is best achieved by placing the device on a separate shelf of a high-quality audio rack. For maximum performance, we recommend placing the Switch on Axxess Noir resonance control devices with 4x3 titanium balls between the Switch and Noir resonance control devices.



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SPECIFICATIONS

	Axxess Switch	Axxess Switch SE
AVAILABLE PORTS	5 RJ-45 ports (10/100/1000 Mbps)	5 RJ-45 ports (10/100/1000 Mbps)
CABLE REQUIREMENTS	Cat5 or higher-rated Ethernet cable	Cat5 or higher-rated Ethernet cable
LED INDICATORS	Blue (Power), Green/Orange (Link/Activity)	Blue (Power), Green/Orange (Link/Activity)
ANTI AERIAL RESONANCE COILS	0	2
PRODUCT DIMENSIONS	326mm x 341mm x 76mm Shipping dimensions: 410mm x 440mm x 150mm	326mm x 341mm x 76mm Shipping dimensions: 410mm x 440mm x 150mm
WEIGHT	6,65 kg - 14.66 lbs	6,65 kg - 14.66 lbs
INPUT VOLTAGE	100 to 240V AC 50-60Hz	100 to 240V AC 50-60Hz

AXXESS

We would love to hear about your experience with this product.
Don't hesitate to contact us with feedback or questions.

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