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ONI-100  
OPTICAL NETWORK ISOLATOR

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Concept and origination in the UK.  
Manufactured in China.



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## ADOT ONI-100 | USER GUIDE

**Thank you for purchasing  
ADOT Optical Network Isolator ONI-100.**

### KEY POINTS >

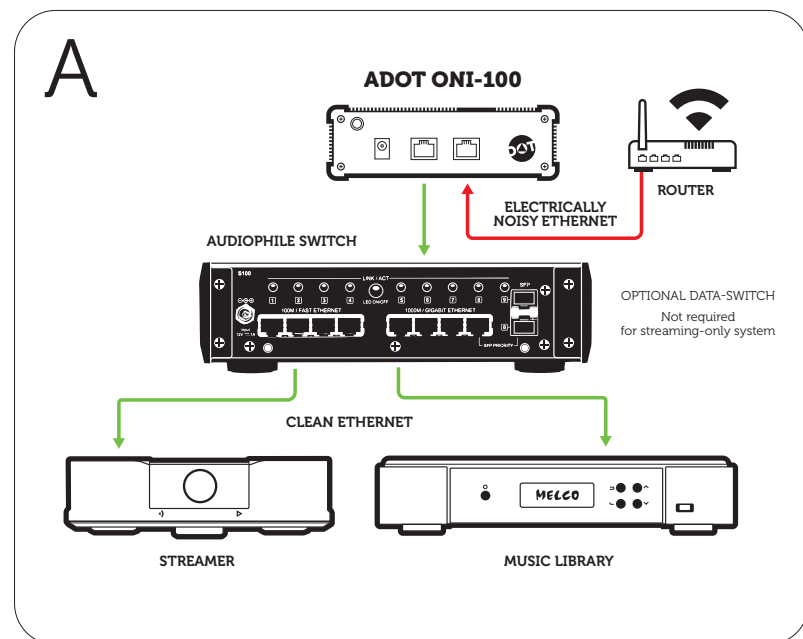
- Simple audio network isolation technology for users with switches using Ethernet RJ45 connectors, or using the RJ45 connectors on their router.
- Ideal for isolating the network at the Router location.



Normal copper network cables carry electrical noise and interference picked up by the residential network wiring and without precautions will introduce noise into the HiFi system, limiting performance and resolution.

By breaking the cable connection and introducing the ONI-100, the noise is stopped at the point of insertion of the ONI-100. By placing the ONI-100 as close as possible to the Hi-Fi system, any possibility of wiring noise between the ONI-100 and the HiFi system is reduced.

The power supply for the ONI-100 is a linear plug top supply, and so this can be used close to the Hi-Fi system without adding any noise.



- 1. There is no setting up required,** simply connect the *INPUT* socket to the residential network or router, and the *OUTPUT* socket to your HiFi System, or the Audio Data switch if that is used in the Hi-Fi system.

Make sure that it is powered *ON* (green *POWER* light is lit) and after a few seconds to initialise, the network signal will be as normal, but now clean.

- 2.** If using a *Powerline Ethernet Adapter*, or a *Wireless Access Link* to get network connectivity to the HiFi system, there is an added advantage. The ONI-100 decodes all the data internally, rebuilds it, passes

it through the short internal optical link, and then passes the signal to the HiFi system. Repairing the damage caused to the signal by the *Powerline Ethernet* or the *Wi-Fi*.

- 3. Please take care with the selection of the Ethernet cables between the ONI-100 and the HiFi system.**

We strongly recommend *Melco / DELA* cables which take precaution against both noise pickup and digital ground loops. Connect the cable end with the logo to your HiFi system.

**The ONI-100 is designed to be powered 24-7.**

