



AUDIOPHILE
DIGITAL OPTICAL
TECHNOLOGY

NEW PRODUCT

ADOT ASR-100 Audiophile Subnet Router

www.admm.uk.com

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Why does every network audio system need the ADOT ASR-100 Subnet Router?

Network audio is really great when it works, and when optimised is capable of truly stunning performance. But with increasing use of extreme Hi-Res files and external Hi-Res streaming services, issues can arise when attempting to run the HiFi system on the residential network along with all the other DLNA devices and A-V traffic. Issues that can be both variable and tricky to pin down.

Additionally, with many Apps requiring external streams to be rendered (played) on the control phone or tablet, Wi-Fi connectivity gets pushed to the limit, along with device discovery and DLNA management. ISP Routers are optimised to support the functionality that delivers ISP revenue which is usually streaming movies, not HiFi.

The ideal situation is an isolated Hi-Fi network that is free from interference from the residential network, but is still able to access external streaming services and software updates.



ADOT ASR-100
Audiophile
Subnet Router



Configuring the residential router, often supplied by the ISP, is only rarely straightforward to achieve the above, but all the custom settings are lost as soon as some issue requires the ISP router to be reset.

The ADOT ASR-100 Subnet Router, by default and without any user setup, takes care of all the requirements to create a dedicated network for network audio, as well as a separate Wi-Fi network for stable control and music data connectivity to portable devices.

The ASR-100 creates a subnet in an IP range not used elsewhere, and within that range reserves 99 IP addresses should users want to use Fixed IP. Otherwise, the DHCP server delivers IP addresses to Music Players, Control Points, Music Libraries, Music Computers, Room Core etc. on a network simply called ADOT MUSIC, and easily accessed by tablets and phones using that network name and a simple password.

The ASR-100 is simply connected to the residential network and gives the HiFi system access to external streaming services and software updates, while stopping unwanted access from other devices on the residential network.

There is a Guest network already configured called GUEST MUSIC with simple secure login.

A totally closed local network can be easily created by simply not connecting the ASR-100 to the residential network - the result is a totally closed system comprising all audio devices and controllers in isolation.

The connection to the residential network can be with ADOT fibre optic isolation to eliminate electrical interference from the house infrastructure.

The most important key point though is that all this is achieved with no user configuration or setup. There is not even a POWER button.

Of course the ASR-100 does have a neat web interface should the user wish to change passwords or make any configuration changes. But if it all gets into a mess simply press RESET and the factory defaults are back to the Hi-Fi optimised settings.

The internal software is optimised in respect of UPnP / DLNA discovery and music transport.

Even used without an audiophile switch there is a sound quality benefit from the low network traffic and solid communications; add a managed switch such as the DELTA S50 or S1 and the benefits are astonishing.

The ASR-100 is not specifically designed only for Melco / DELTA.

It is designed to greatly simplify and improve ANY network used for HiFi music reproduction or A-V. And without any user configuration.

It really is just Plug and Play!



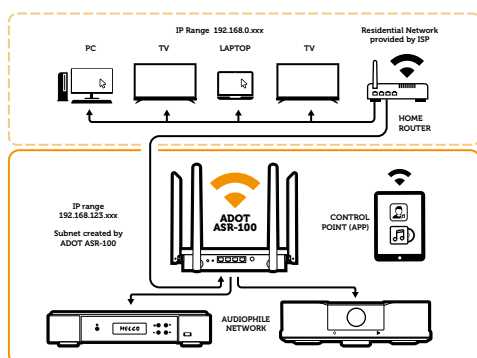
About ADOT

Audiophile Digital Optical Technology was established by Alan Ainslie after realising that there is a lot more to optimising network audio devices than adding fancy power supplies: most notably using fibre optics to isolate the HiFi network from the antenna effect of the residential wiring injecting noise in the HiFi system even when listening to analogue sources. But simply using IT devices designed for speed and throughput compromises the HiFi performance as witnessed by the Melco /DELA data switches for example. The issue though is that IT companies have little audio experience or credibility, whereas HiFi companies are well outside their engineering expertise with network digital data. Hence ADOT.

Commenting on the ASR-100 Alan says *"When network audio systems work, they are great, even if not optimised. But when they are unstable one of my go-to tools is a new router programmed for a subnet – always works! But the router default settings will be different to the subnet settings, so all is lost as soon as the router is reset. So, ASR-100 was conceived to be Hi-Fi and A-V optimised with a subnet out of the box. Mess it up? No need to worry – the default is back to a subnet with a set aside range of fixed IPs and easy Wi-Fi connectivity. Add optimisation for UPnP control to easily catch players and sources, and things are not only better, but simpler as well. Every networked HiFi or AV system will benefit from ASR-100"*

Specifications

Connectivity	1 x RJ45 WAN socket connects to the residential network 3 x RJ45 LAN socket connects to Network Audio Player, NAS, Room Core, A-V system, multiroom system and PC / Mac for music management and file download etc. Creates a wired network in range 192.168.123.xxx Creates Wi-Fi networks	
Network	ADOTMUSIC - 2.4G ADOTMUSIC - 5G	Availability Now
Router Login	192.168.123.1	
DHCP range	192.168.123.100 +>	
Power	12V DC 1Amp	2.5mm co-ax connector centre pin +ve



Designed in the UK
by the engineering team at ADOT
For Global distributors
please visit www.xxxxxx



UK Distributors

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