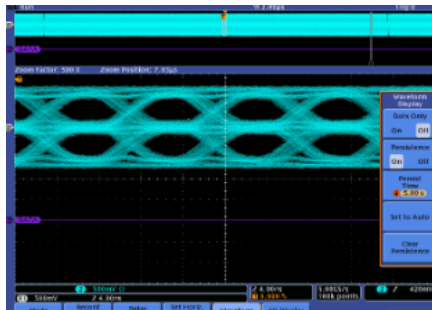


The art of no noise

(I can hear clearly now the wire has gone)



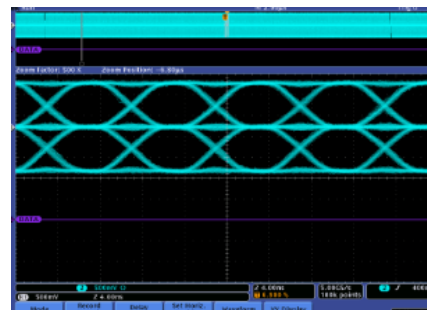
Typical data on LAN



Caused by impedance mismatch/
reflections and electrical noise

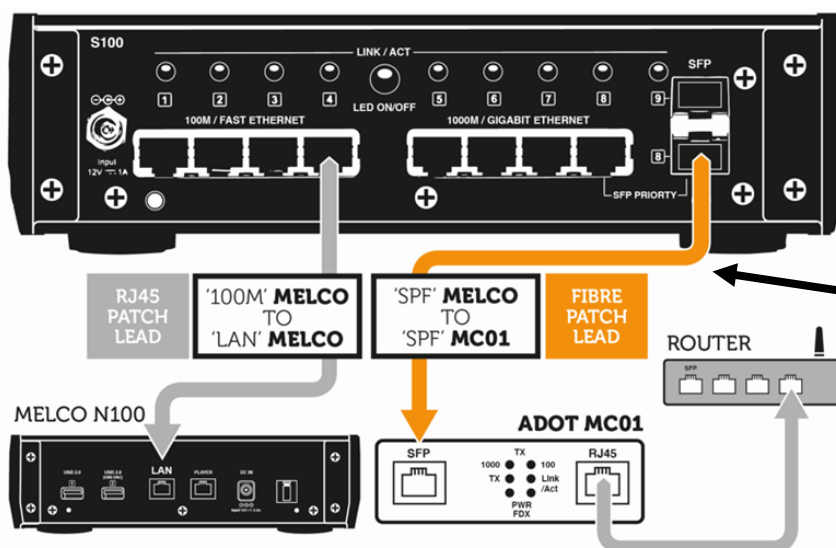


Clean data from MC01



Text book data, allowing for the
lowest possible jitter and distortion
at the point of conversion.

MC01 kit (entry level with switch mode PSU).

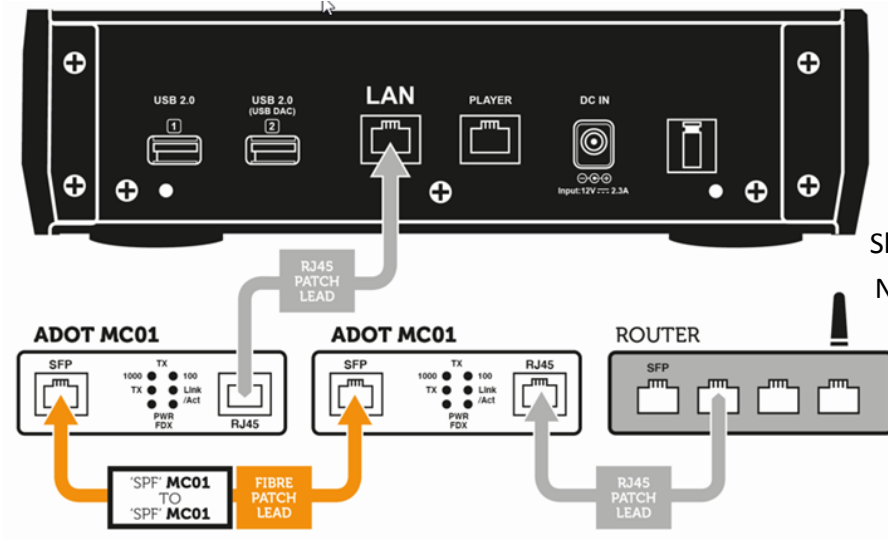


Shown with Melco S100 switch, notice
that the ADOT MC01 is isolating the
noisy electrical link from the router.



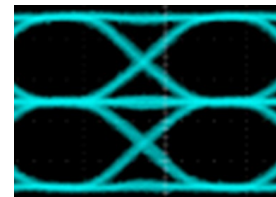
The art of no noise

For product without optical fibre input



2 x MC01 (MC02 dual kit)

Shown with Melco N100 music library.
Notice 2 x MC01 transitioning Electrical / Optical / Electrical. The signal delivered to the N100 is clean.



Options and upgrades.

MC02 kit (with upgraded low noise linear PSU)



MC03 kit (with no power supply allowing for 3rd party upgrade PSU upgrade)

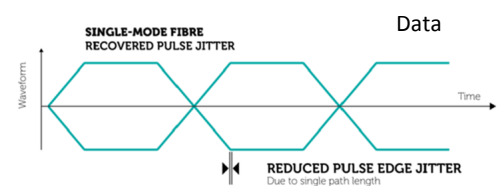
Choosing the fibre optic link (MC02 & 3)

Single mode vs multi mode optical pro / cons

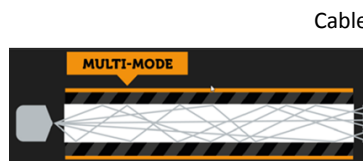
Single mode optical link (single fibre)



- **Pros** Lowest possible jitter and best accuracy
- **Cons** Great care must be made at installation with regards to tight bends in the cable as light transfer can be lost.



Multi mode optical link (multiple fibre)



- **Pros** More robust and forgiving at installation typically used for IT networks.
- **Cons** Slightly higher potential jitter when compared to single mode although still far more accurate and stable than copper wire.

