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| .....              | 1 |
| .....              | 1 |
| .....              | 1 |
| .....              | 1 |
| <b>AES50</b> ..... | 5 |
| .....              | 7 |
| .....              | 7 |
| .....              | 7 |
| .....              | 7 |



# AES50

## SuperMAC/HyperMAC

Oxford Sony pro audio LAB , CAT5



SuperMAC 100Mbit ethernet , 48 .

CAT5 100m

### AES50 (SuperMAC)

- 100 Mbit/s over CAT5/CAT5e copper cable (100 metres)
- 24 bidirectional channels @ 96 kHz (48 bidirectional channels @ 48 kHz)
- Latency per link = 6 Samples (62.50  $\mu$ s) @ 96 kHz (3 Samples (62.50  $\mu$ s) @ 48 kHz)
- 5 Mbit/s Ethernet auxiliary data channel

### HyperMAC

- 1 Gbit/s over CAT5e/CAT6 copper cable (100 metres) or 50/125  $\mu$ m multimode optical fibre(500 metres)
- 192 bidirectional channels @ 96 kHz (384 bidirectional channels @ 48 kHz)
- Latency per link = 4 Samples (41.66  $\mu$ s) @ 96 kHz (2 Samples (41.66  $\mu$ s) @ 48 kHz)
- 200 Mbit/s Ethernet auxiliary data channel

Word Clock , Word Clock .

OSI layer 1, , 가 . ,  
 .<sup>1)</sup> AES50

Behringer . Music-Group MIDAS  
Music-Group Klark technik

<https://www.prosoundnetwork.com/international/klark-teknik-acquires-supermac-aes50-hypermac-net-working-business-from-sony-oxford>

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Last update: **2022/09/30**

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