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AES50 5

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AES50

SuperMAC/HyperMAC

Oxford

Sony pro audio LAB

, CAT5



SuperMAC

100Mbit ethernet

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48

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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 µs) @ 96 kHz (3 Samples (62.50 µs) @ 48 kHz)
- 5 Mbit/s Ethernet auxiliary data channel

HyperMAC

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

Word Clock

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Word Clock

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OSI layer 1 , 가 . ,
. ¹⁾ AES50

. Music-Group MIDAS
Behringer . 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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: (admin@homerecz.com)