

MS-8 & OPTIONS SPECIFICATIONS

● MS-8

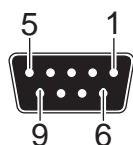
INPUTS & OUTPUTS

< Network Interface Section >

Port	IN, OUT
Connector	EtherCon
Recommended Cable	Enhanced CAT-5 LAN cable (straight)
Cable Length	Up to 100 m
Media	100BASE-TX
Protocol	Digigram EtherSound

< Control Interface Section >

Port	RS232
Connector	D-SUB 9-pin
Pin Assignment	



1	NC	6	NC
2	TxD	7	CTS
3	RxD	8	RTS
4	NC	9	NC
5	NC		

< WORD INPUT/OUTPUT Section >

Connector	BNC type
Reference input/output level	TTL level

< Power Consumption >

US	11 W
EUR/UK	11 W
JPN	10 W

< Dimensions & Weight >

Dimensions	482 (W) x 44 (H) x 217 (D) mm (including protruding portion)
Weight	Approx. 2.3 kg

< Usage Condition >

Horizontal, continuous operation

< Power Requirement >

USA	AC 120 V 60 Hz
EUR/UK	AC 230 V 50 Hz
JPN	AC 100 V 50/60 Hz

< Environmental Condition >

Standard Temperature	20 ± 3 °C
Standard Humidity	65 ± 5 %
Characteristics Guaranteed	
Temperature	+ 5 ~ + 40 °C
Humidity	30 ~ 70 %
AC Voltage Deviation	± 5 % or less
Operation Guaranteed	
Temperature	- 5 ~ + 45 °C
Humidity	0 % ~ 90 % (without water droplets)
AC Voltage Deviation	± 10 % or less

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< Standards >

Vibration & Drop Tests	Complies to Fostex Company technical standard.
Safety Standard	IEC60065
Others	
EMI	EN55011 Group 1 Class B EN61000-3-2 & 3-3
Immunity	EN50082-1 (Ed1)

● MI-1

INPUTS

Connector	XLR-3-31 type x 4
Format	IEC 60958 (AES/EBU)
Dimensions (mm)	220 (W) x 35.8 (H) x 153 (D)
Weight	Approx. 160 g
Pin Assignment	Pin 1: GND, Pin 2: HOT, Pin 3: COLD

● MI-2

INPUTS

Connector	XLR-3-31 type x 8
Input Impedance	10k Ω or more
Reference Input Level	+ 4 dBu (-12 dB full scale level)
Maximum Input Level	+ 16 dBu
Frequency Response	\pm 1 dB at 20 Hz ~ 20 kHz
A-to-D Converter	AKM AK5394
S/N	115 dB or more
Dynamic Range	115 dB or more
THD	0.005 % or less
Channel Separation	90 dB at 1 kHz
Dimensions (mm)	220 (W) x 35.8 (H) x 153 (D)
Weight	Approx. 250 g
Pin Assignment	Pin 1: GND, Pin 2: HOT, Pin 3: COLD

● MI-3

INPUTS

Connector	RCA pin jack x 16 (IN x 8, THRU x 8)
Input Impedance	10k Ω or more
Reference Input Level	- 10 dBV (-12 dB full scale level)
Maximum Input Level	+ 2 dBV
Frequency Response	\pm 1 dB at 20 Hz ~ 20 kHz
A-to-D Converter	AKM AK5353VT
S/N	95 dB or more
Dynamic Range	95 dB or more
THD	0.01 % or less
Channel Separation	90 dB at 1 kHz
Dimensions (mm)	220 (W) x 35.8 (H) x 158 (D)
Weight	Approx. 250 g

● MI-4

INPUTS

Connector	TOS LINK
Format	ADAT (Alesis Proprietary Multichannel Optical Digital Interface)
Dimensions (mm)	220 (W) x 35.8 (H) x 153 (D)
Port	RS232
Weight	Approx. 90 g
Pin Assignment	Pin 1: GND, Pin 2: HOT, Pin 3: COLD

● MI-5

INPUTS

Connector	EURO 24-pin (analog input) EURO 10-pin (GPIO port)
Input Impedance	10k Ω or more
Reference Input Level	+ 4 dBu (-12 dB full scale level)
Maximum Input Level	+ 16 dBu
Frequency Response	\pm 1 dB at 20 Hz ~ 20 kHz
A-to-D Converter	AKM AK5394
S/N	115 dB or more
Dynamic Range	115 dB or more
THD	0.005 % or less
Channel Separation	90 dB at 1 kHz
Dimensions	220 (W) x 35.8 (H) x 155 (D)
Weight	Approx. 250 g

● SO-1

OUTPUTS

Connector	XLR-3-32 type x 4
Format	IEC 60958 (AES/EBU)
Dimensions (mm)	220 (W) x 35.8 (H) x 153 (D)
Weight	Approx. 160 g
Pin Assignment	Pin 1: GND, Pin 2: HOT, Pin 3: COLD

● SO-2

OUTPUTS

Connector	XLR-3-32 type x 8
Input Impedance	10k Ω or more
Reference Input Level	+ 4 dBu (-12 dB full scale level)
Maximum Input Level	+ 16 dBu
Frequency Response	\pm 1 dB at 20 Hz ~ 20 kHz
D-to-A Converter	AKM AK4394
S/N	115 dB or more
Dynamic Range	115 dB or more
THD	0.005 % or less
Channel Separation	90 dB at 1 kHz
Dimensions (mm)	220 (W) x 35.8 (H) x 153 (D)
Weight	Approx. 250 g
Pin Assignment	Pin 1: GND, Pin 2: HOT, Pin 3: COLD

● SO-3

OUTPUTS

Connector	RCA pin jack x 8
Input Impedance	10k Ω or more
Reference Input Level	- 10 dBV (-12 dB full scale level)
Maximum Input Level	+ 2 dBV
Frequency Response	\pm 1 dB at 20 Hz ~ 20 kHz
D-to-A Converter	AKM AK4384
S/N	100 dB or more
Dynamic Range	100 dB or more
THD	0.005 % or less
Channel Separation	90 dB at 1 kHz
Dimensions (mm)	220 (W) x 35.8 (H) x 158 (D)
Weight	Approx. 140 g

● SO-4

OUTPUTS

Connector	TOS LINK
Format	ADAT (Alesis Proprietary Multichannel Optical Digital Interface)
Dimensions (mm)	220 (W) x 35.8 (H) x 153 (D)
Port	RS232
Weight	Approx. 90 g
Pin Assignment	Pin 1: GND, Pin 2: HOT, Pin 3: COLD

● SO-5

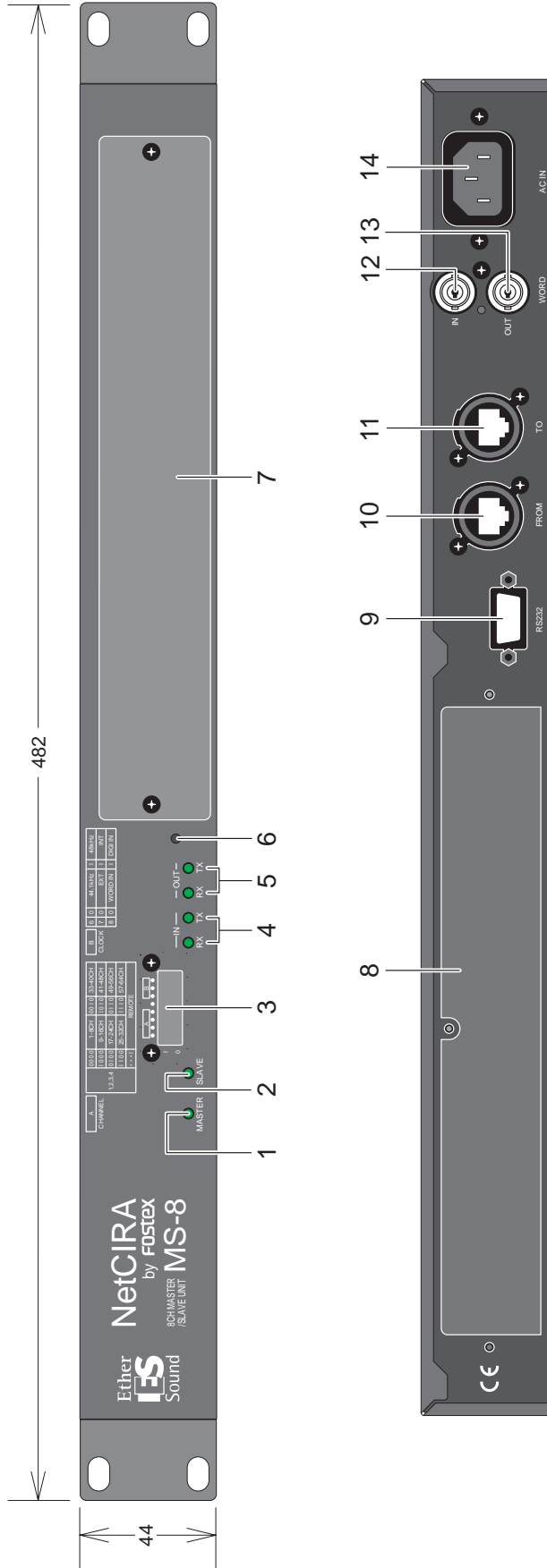
OUTPUTS

Connector	EURO 24-pin (analog output) EURO 10-pin (GPIO port)
Input Impedance	10k Ω or more
Reference Input Level	+ 4 dBu (-12 dB full scale level)
Maximum Input Level	+ 16 dBu
Frequency Response	\pm 1 dB at 20 Hz ~ 20 kHz
D-to-A Converter	AKM AK4394
S/N	115 dB or more
Dynamic Range	115 dB or more
THD	0.005 % or less
Channel Separation	90 dB at 1 kHz
Dimensions	220 (W) x 35.8 (H) x 155 (D)
Weight	Approx. 250 g

* Specifications and physical appearance are subject to change without notice for product improvement.

MS-8 & OPTIONS CONTROLS, INDICATORS & CONNECTORS

● MS-8

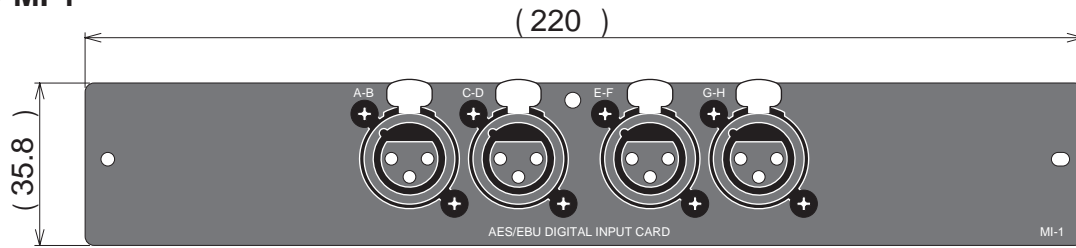


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|-------------------------------|------------------------------|
| 1. MASTER indicator | 8. Optional card slot (rear) |
| 2. SLAVE indicator | 9. RS232C port [D-SUB 9-pin] |
| 3. DIP switches | 10. IN port [EtherCon] |
| 4. IN (TX, RX) indicator | 11. OUT port [EtherCon] |
| 5. OUT (TX, RX) indicator | 12. WORD IN connector [BNC] |
| 6. Reset switch | 13. WORD OUT connector [BNC] |
| 7. Optional card slot (front) | 14. AC IN connector |

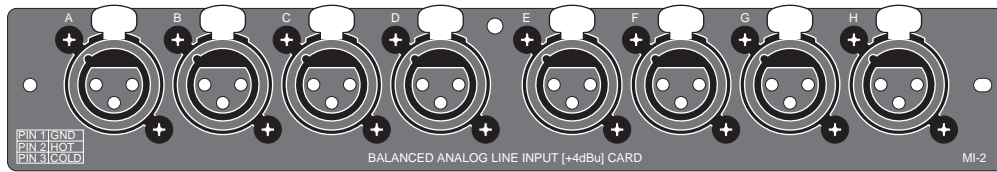
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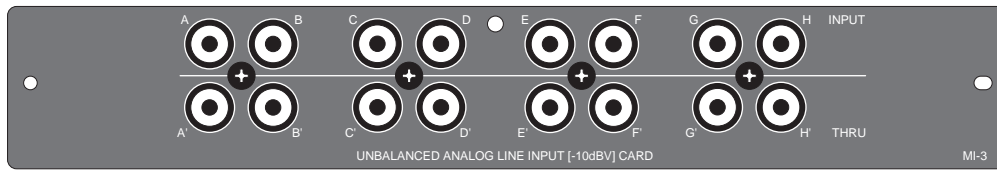
● MI-1



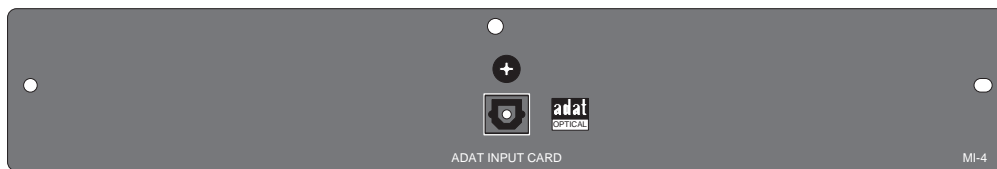
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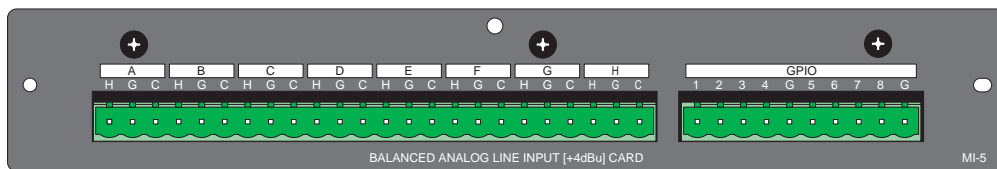
● MI-3



● MI-4



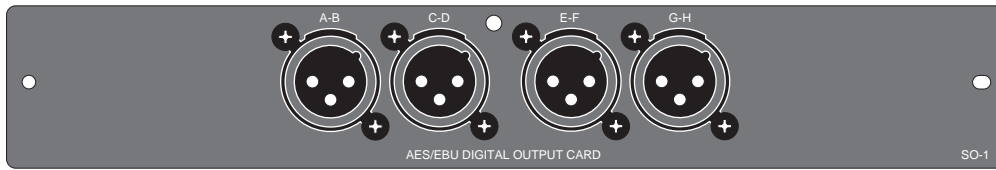
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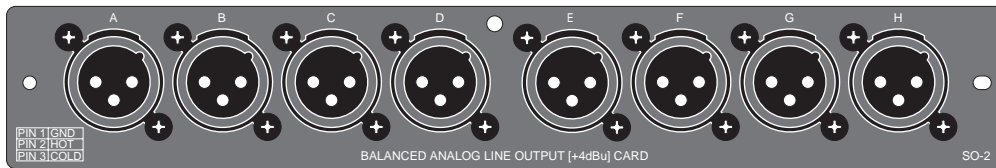
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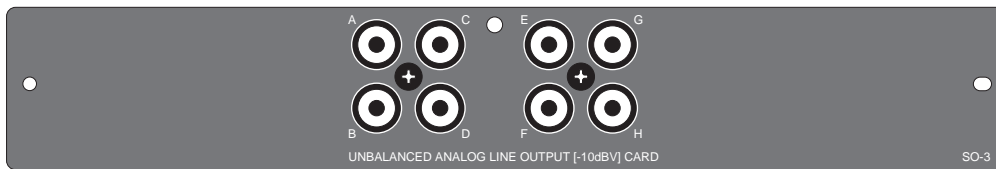
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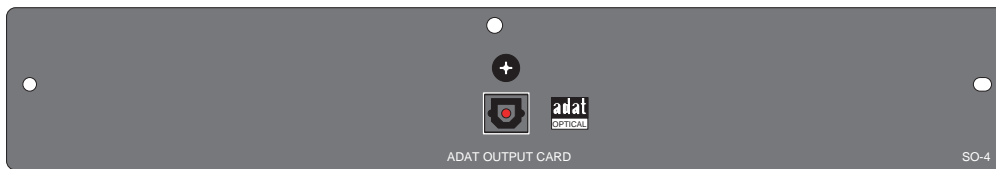
● SO-2



● SO-3



● SO-4



● SO-5

