

## ES-1PRO/2PRO SPECIFICATIONS

### < 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

### < Signal Output Section >

Port	ANALOG OUT A, B
Connector	XLR-3-32 type x 2 (Pin-1: GND, Pin-2: HOT, Pin-3: COLD)
Adaptable Load Impedance	10 k $\Omega$ or more
Standard Output Level	+ 4 dBu $\pm$ 1.0 dB
Reference Level	- 12 dB
Maximum Output Level	+ 16 dBu $\pm$ 1.0 dB
Frequency Response	20 Hz ~ 20 kHz $\pm$ 1.0 dB
D-to-A Converter	AKM 4395VF
S/N	110 dB or more (with 22 kHz LPF, A-weighted)
Dynamic Range	110 dB or more (with 22 kHz LPF, A-weighted)
T.H.D.	0.01 % or less (at - 10 dBV, 1 kHz)
Channel Separation	70 dB or more (at 10 kHz)

### < Control Interface >

Port	REMOTE
Communication Protocol	RS422
Connector	Euro 6-pin
	Pin-1: RX (+)
	Pin-2: RX (-)
	Pin-3: TX (+)
	Pin-4: TX (-)
	Pin-5: +5 V
	Pin-6: GND

### < Power Consumption >

5 W

### < Dimensions & Weight >

Dimensions	320 (W) x 51 (H) x 187 (D) mm (including protruding portion)
Weight	2 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

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## < Environmental Condition >

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

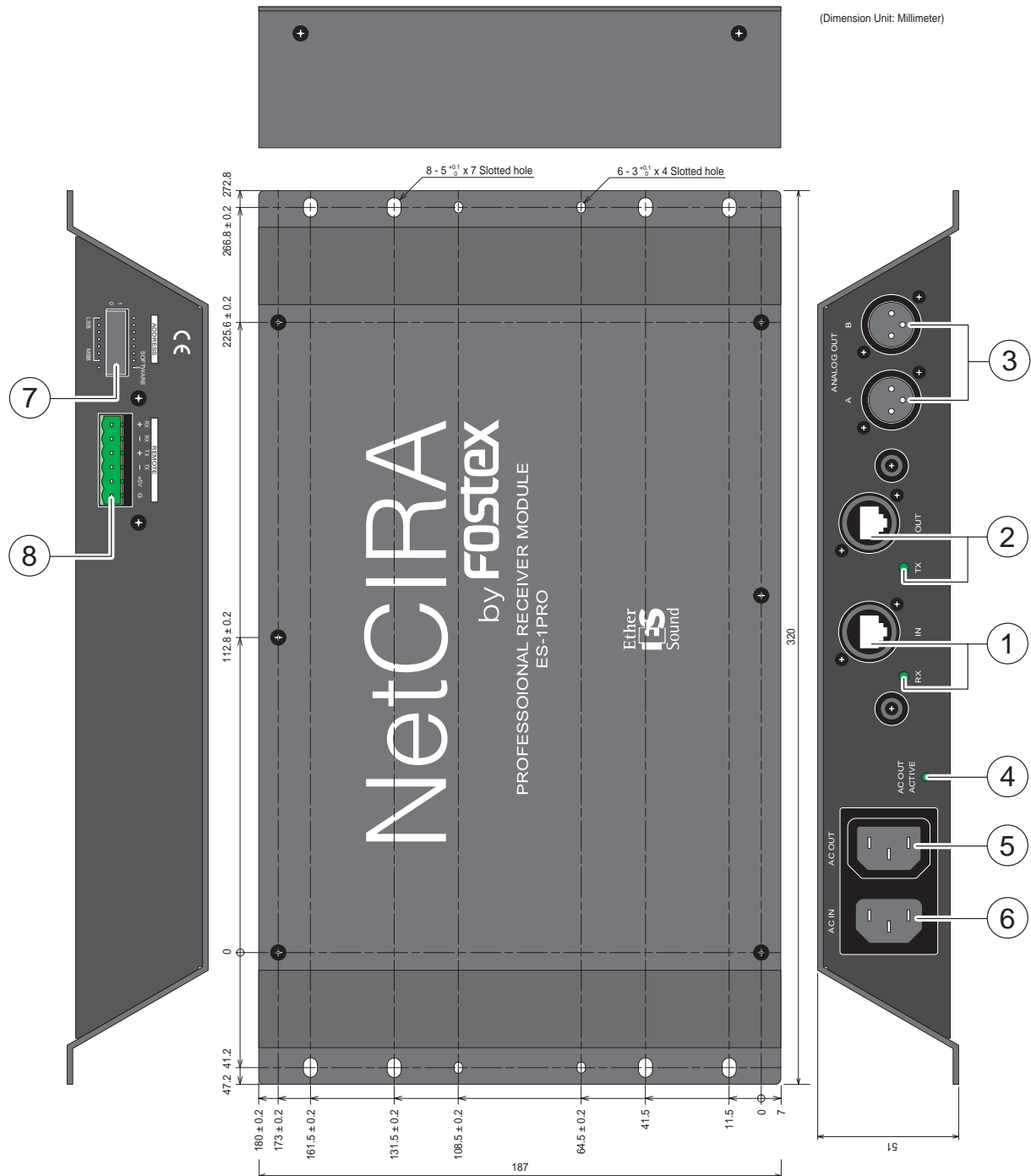
## < Standards >

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

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

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## ES-1PRO CONTROLS, INDICATORS & CONNECTORS



1. IN port (RJ-45, EtherCon)
2. OUT port (RJ-45, EtherCon)
3. ANALOG OUT connectors (XLR-3-32 type)
4. AC OUT ACTIVE indicator
5. AC OUT connector
6. AC IN connector
7. DIP switches
8. REMOTE connector (EURO 6-pin connector)

