Main Specifications

Number of Audio Record/ Playback Channels

44.1/48/88.2/96 kHz *(Full Duplex)*

Record:	10 channels
Playback:	10 channels

192 kHz *(Full Duplex)*

Record:	6 channels
Playback:	6 channels

* Some computers may not have sufficient performance.

Signal Processing

PC interface:	24-bits
AD/DA Conversion:	24-bits (linear)

Sampling Frequency

Digital output:	44.1/48/88.2/96 kHz
Digital input:	44.1/48/88.2/96 kHz
AD/DA Conversion:	44.1/48/88.2/96/192 kHz

Frequency Response

96.0 kHz:	20 Hz to 40 kHz (+0/-2 dB)
88.2 kHz:	20 Hz to 40 kHz (+0/-2 dB)
48.0 kHz:	20 Hz to 22 kHz (+0/-2 dB)
44.1 kHz:	20 Hz to 20 kHz (+0/-2 dB)

Nominal Input Level

Input Jack 1–2	
(XLR type):	-50 to -10 dBu
(1/4 inch TRS phone type):	-35 to +4 dBu
Input Jack 3–6:	+4 dBu (balanced)
Input Jack 7–8:	-10 dBu to +4dBu (balanced)

Nominal Output Level

Output Jack 1–8:	+4 dBu (balanced)

Residual Noise Level

Output Jack 1–2:	98 dBu
(input terminated with 1 k ohms:	
MAIN VOLUME:	*0 dB*
INPUT SENS:	*+4 dBu*
DIRECT MONITOR VOLUME:	*OUT1/2 position, IHF-A typ., Balanced)*

SN RATIO (Typical)

Output:	108 dB (typ.)
Input:	102 dB (typ.)

Interface

Firewire (IEEE1394)

Digital input/output:	Optical type (conforms to IEC60958)

MIDI IN/OUT

Connectors

Front Panel

Input Jack 1-2:	XLR Type / ¼”TRS phone type
	XLR Type (Balanced / Phantom Power +48v)
	¼” TRS Phone Type (balanced)
* Input2 jack :	high impedance is supported
Digital In Connector:	Optical type
Digital Out Connector:	Optical type
Headphone Jack :	Stereo ¼” phone type

Rear Panel

Input Jack 3-8:	(1/4 inch TRS phone type (balanced))
Ouput Jack 1-8:	(1/4 inch TRS phone type (balanced))
MIDI Connector:	In, Out
Firewire:	(IEEE1394)

Power Supply

DC 9V:	AC adaptor
Current Draw	900 mA

Dimensions

WxDxH (mm)	218 x 137 x 46.5 mm
WxDxH (inch)	8-5/8 x 5-7/16 x 1-7/8 inches
Weight	0.95 kg / 2 lbs 2 oz

Accessories

Owner’s manual

CD-ROM

AC adaptor

FireWire (IEEE1394) cable 6pins to 6pins

FireWire (IEEE1394) cable 6pins to 4pins

* (0 dBu = 0.775 V rms)