

### a) General

<b>D/A Converter Unit</b>	Multi level Delta Sigma
<b>Sampling (f)</b>	up to 192 kHz
<b>Digital filter</b>	Oversampling 16 times =705,6 kHz (44.1 kHz red book)
<b>Switched capacitor filter</b>	Oversampling 128 times (smoothing)
<b>Converter (f)</b>	2.82 MHz
<b>Resolution</b>	24 bit linear
<b>Error Correction</b>	Repeat block on error
<b>Signal/Noise-Ratio</b>	117 dB
<b>Supported Sampling (f)</b>	96, 48, 44.1, 32 kHz
<b>Voltage</b>	230 V / 50 Hz
(factory set for destination country)	or 115 V / 60 Hz
<b>Power Consumption</b>	16.5 (Stand-by)
	21 VA (Idle)
	30 VA (max)
<b>Dimensions (W x H x D)</b>	480 x 150 x 445 mm, 19 x 6 x 17.5"
<b>Weight (net)</b>	23 kg, 50.5 lbs

### b) Digital Inputs

<b>XLR (AES/EBU)</b>	1 (+1 option)
<b>Connector Style</b>	XLR
<b>Input Impedance</b>	110 Ohm
<b>Nominal Voltage</b>	2.5 Vp-p
<b>Bandwidth</b>	30 MHz
<b>Pins</b>	Pin 1: ground, Pin 2: in-phase, Pin 3: off-phase
<b>RCA (SP DIF)</b>	1 (+1 option)
<b>Connector Style</b>	RCA
<b>Input Impedance</b>	75 Ohm
<b>Nominal Voltage</b>	0.5 Vp-p
<b>Bandwidth</b>	30 MHz
<b>Pins</b>	Internal conductor: in-phase, External conductor: ground
<b>BNC (SP DIF)</b>	(1 option)
<b>Connector Style</b>	BNC
<b>Input Impedance</b>	75 Ohm
<b>Nominal Voltage</b>	1 Vp-p
<b>Bandwidth</b>	30 MHz
<b>Pins</b>	Internal conductor: in-phase, External conductor: ground

<b>Glas ST</b>	(1 option)
Wavelength	820 nm
Allowable Input Power	20 $\mu$ W - 150 $\mu$ W
Optimum Input Power	50 $\mu$ W - 100 $\mu$ W
Cut-off Frequency	30 MHz

<b>TOSLINK™</b>	1 (+1 option)
Wavelength	660 nm
Allowable Input Power	3 $\mu$ W - 30 $\mu$ W
Optimum Input Power	10 $\mu$ W
Cut-off Frequency	6 MHz

<b>USB Link</b>	1
Connector Style	USB B type
Sample rate	up to 24 bit

### c) Digital Outputs

<b>RCA (SP DIF)</b>	1
Output Impedance	75 Ohm
Open Circuit Voltage	1.0 Vp-p
Operating Voltage	0.5 Vp-p
Cut-off Frequency	30 MHz

### d) Analog Outputs

<b>Connection</b>	2 RCA, 1 XLR
<b>Frequency Range</b>	DC - 20 kHz, +0.5 / -0.5 dB
<b>Signal to Noise</b>	117 dBr, 2 V
<b>Dynamic</b>	97 dB
<b>Channel Separation</b>	110 dB, 1 kHz
<b>THD</b>	0.0007%, 1 kHz
<b>Output Level</b>	2V, 1kHz (RCA); 4V,1kHz (XLR)
<b>Output Impedance</b>	RCA = 100 Ohm, XLR = 200 Ohm

Design and specifications are subject to change without notice.