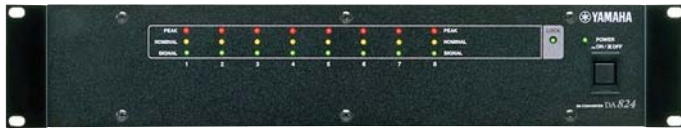


DA824

DA Converter



DA824

Rear Panel

2U



Reliable, high-quality 24 bit/48 kHz conversion of 8-channel digital audio input into analog output.

- High quality 24-bit digital-to-analog converters.
- Balanced XLR and 1/4" phone jack output connectors.
- Maximum +4, +15, +18, or +24 dBm output level individually selectable for each channel.
- Expansion slot supports optional mini-YGDAI cards for AES/EBU, ADAT and TASCAM digital formats.
- Word clock input and thru connectors.
- Signal, nominal, and peak LED indicators.

GENERAL SPECIFICATIONS

Total harmonic distortion	Less than 0.1%, 20Hz to 20kHz @+4dB into 600Ω
Frequency response	-3, +1dB, 20Hz - 20kHz
Dynamic range	110dB AD+DA (with AD824)
Equivalent input noise	-128dB
Sampling frequency rate	External: MY8-AE, MY8-TD: 39.69kHz (Min) to 50.88kHz (Max), MY8-AT: 41.013kHz (Min) to 50.88kHz (Max)
MY card slot	1
DA converter	24bit
Output terminal	XLR type, TRS phone
Word clock	IN, THRU
Power requirements	Japan: AC100V, 50/60Hz, 40W North America: AC120V, 60Hz, 40W Other Areas: AC230V, 50Hz, 40W
Power consumption	40W
Dimensions (W x H x D)	480 x 88 x 366.8mm (18.9" x 3.84" x 14.44"), 2U
Weight	7.5kg (16.53lbs)

*1 Measured with a 6 dB/octave filter at 12.7 kHz; equivalent to a 20 kHz filter with infinite dB/octave attenuation.

*2 6 dB/octave filter @ 80 kHz.

*0 dBu=0.775 Vrms.

ANALOG OUTPUT SPECIFICATIONS

Output Terminal	GAIN SW	Actual Load Impedance	For Use with Nominal	Output Level		Connector
				Nominal	Max. before clip	
OUTPUT 1-8**	+24dB	150Ω lines	600Ω lines	+10dB(2.45V)	+24dB(12.28V)	XLR-3-32 type (balanced)** & TRS phone jack(balanced)**
	+18dB			+4dB(1.23V)	+18dB(6.16V)	
	+15dB			+1dB(0.87V)	+15dB(4.36V)	
	+4dBV			-10dBV(0.316V)	+4dBV(1.58V)	

*1 DA converters are 24-bit linear, 128-times oversampling.

*2 XLR-3-31 and XLR-3-32 type connectors are balanced. (1=GND, 2=HOT, 3=COLD)

*3 Phone jacks are balanced. (Tip=HOT, Ring=COLD, Sleeve=GND)

*0 dBu=0.775 Vrms.

DIGITAL INPUT AND OUTPUT SPECIFICATIONS

Output Terminal	Format	Level/Impedance	Connector
COM	-	RS232C	9-pin D-sub (male)
WORD CLOCK IN	-	TTL, 75Ω (ON/OFF)	BNC
WORD CLOCK THRU	-	TTL, 75Ω	BNC
SLOT	mini YGDAI	-	-

DIMENSIONS

unit : mm

