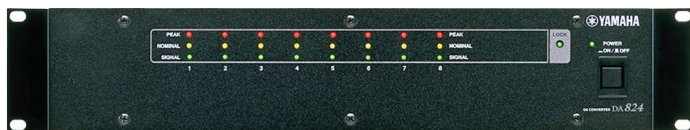


DA824

DA Converter



DA824



Rear Panel

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 format.
- Word clock input and thru connectors.
- Signal, nominal, and peak LED indicators.

GENERAL SPECIFICATIONS

Sampling frequency rate	External: MY8-AE, MY8-TD: 39.69kHz (Min) to 50.88kHz (Max) MY8-AT: 41.013kHz (Min) to 50.88kHz (Max)
Signal Delay	0.57ms Typ. DIGITAL INPUT to ANALOG OUTPUT (@fs=48kHz)
Total harmonic distortion*1	Less than 0.1%, 20Hz to 20kHz @+4dB into 600W
Frequency response	20Hz - 20kHz, +1, -3dB, @+4dBu into 600W
Dynamic range	110dB typ. AD+DA (with AD824)
Hum & noise level*2	-62dBu residual noise, Gain = -62dB (20Hz to 20kHz, Rs=150Ω) -84dBu residual noise, Gain = +10dB
Crosstalk (@1kHz)	-80dB input to output
MY card slot	1
DA converter	24bit
Output terminal	XLR type, TRS phone
Word clock	IN, THRU
Power requirements	Japan: AC100V, 50/60Hz North America: AC120V, 60Hz Other Areas: AC230V, 50Hz
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 Total harmonic distortion is measured with a 18dB/Oct filter @80kHz.

*2 Hum & noise level is measured with a 6dB/oct filter @12.7kHz; equivalent to 20kHz filter with infinite dB/Oct attenuation.

ANALOG OUTPUT SPECIFICATIONS

Output Terminals	GAIN SW	Actual Load Impedance	For use with nominal	Output level		Connector
				Nominal	Max. before clip	
OUTPUT 1-8	+24dB	75Ω Lines	600Ω Lines	+10dBu	+24dBu	XLR3-32 type* TRS Phone Jack*
	+18dB			+4dBu	+18dBu	
	+15dB			+1dBu	+15dBu	
	+4dBV			-10dBV	+4dBV	

CONTROL I/O SPECIFICATIONS

Output terminals	Format	Level	Connector
COM	-	RS232C	9-pin D-sub (Male)
WORD CLOCK	IN	TTL, 75Ω (ON/OFF)	BNC Connector
	THRU	TTL, 75Ω	BNC Connector
SLOT	Mini-YGDAI	-	-

DIMENSIONS

unit : mm

