

Specifications



General specifications

		DME64N	DME24N	DME Satellite (C ver.)	DME Satellite (ES ver.)
Sampling rate	Internal	44.1kHz, 48kHz, 88.2kHz, 96kHz			48kHz, 96kHz
	External	44.1kHz (-10%) ~ 48kHz (+6%) 88.2kHz (-10%) ~ 96kHz (+6%)			44.1kHz, 48kHz, 88.2kHz, 96kHz
Signal delay (Ch input to Ch output@96kHz)		≤ 0.5msec	≤ 0.85ms	-	-
Total harmonic distortion		-	≤ 0.05	-	-
Frequency response		-	0, +0.5, -1.5dB	-	-
Dynamic range		-	106dB	-	-
Hum & noise level		-	-128dBu (EIN), -82dBu (Residual output noise)	-	-
Crosstalk		-	-80dB	-	-
Power requirements		100V-240V 50Hz/60Hz			
Power consumption		80W	75W	40W	-
Dimension (WxHxD; mm)		480 x 145 x 411.5, 3U	480 x 101 x 411.5, 2U	480 x 44 x 361, 1U	-
Weight		9.5kg	8kg	4.4kg	-

DME64N control and audio I/O specifications

Control I/O specifications

Terminal	Format	Level	Connector
GPI	IN	-	Euroblock
	OUT	TTL	Euroblock
	+V	5V	Euroblock
ETHERNET	IEEE802.3	-	RJ45
USB	USB1.1	0V-3.3V	B type USB
REMOTE	-	RS232C/422	D-sub 9pin (male)
MIDI	IN	MIDI	DIN-5pin
	OUT	MIDI	DIN-5pin
	THRU	MIDI	DIN-5pin
WORD CLOCK	IN	-	TTL/75Ω(ON/OFF) BNC
	OUT	-	TTL/75Ω BNC

Digital audio I/O specifications

Terminal	Format/Level	IN/OUT	Connector
CASCADE IN	from PM5D	RS422	32 IN
	from DME64N	RS422	32 IN / 32 OUT
CASCADE OUT	from PM5D	RS422	32 IN
	from DME64N	RS422	32 IN / 32 OUT
SLOT 1-4	Mini-YGDAI	16 IN / 16 OUT	Mini-YGDAI

DME24N control and audio I/O specifications

Control I/O specifications

Terminal	Format	Level	Connector
GPI	IN	-	Euroblock
	OUT	TTL	Euroblock
	+V	5V	Euroblock
ETHERNET	IEEE802.3	-	RJ45
USB	USB1.1	0V-3.3V	B type USB
REMOTE	-	RS232C/422	D-sub 9pin (male)
MIDI	IN	MIDI	DIN-5pin
	OUT	MIDI	DIN-5pin
	THRU	MIDI	DIN-5pin
WORD CLOCK	IN	-	TTL/75Ω(ON/OFF) BNC
	OUT	-	TTL/75Ω BNC

Analog audio input specifications

Input terminal	Gain	Actual load impedance	For use with nominal	Input level		Connector
				Nominal	Max. before clip	
CH INPUT 1-8	-58dB	3kΩ	50-600ΩMics & 600ΩLines	-58dBu	-38dBu	Euroblock
	+10dB			+10dBu	+30dBu	

Analog audio output specifications

Output terminal	Actual source impedance	For use with nominal	Output level		Connector
			Nominal	Max. before clip	
OUTPUT 1-8	150Ω	600ΩLines	+4dBu	+24dBu	Euroblock
			-2dBu	+18dB	
PHONES	15Ω	8Ω	75mW	150mW	Stereo
		40Ω	65mW	150mW	

Digital audio I/O specifications

Terminal	Format/Level	IN/OUT	Connector
SLOT	Mini-YGDAI	16 IN / 16 OUT	Mini-YGDAI

DME Satellite control and audio I/O specifications

Control I/O specifications

Terminal	Format	Level	Connector
GPI	IN	-	Euroblock
	OUT	TTL	Euroblock
	+V	5V	Euroblock
ETHERNET	IEEE802.3	-	RJ45
USB	USB1.1	0V-3.3V	B type USB
REMOTE	-	RS232C/422	D-sub 9pin (male)

Analog input specifications

Input terminal	Gain	Actual load impedance	For use with nominal	Input level		Connector
				Nominal	Max. before clip	
CH INPUT	-60dB	3kΩ	50-600ΩMics & 600ΩLines	-60dBu	-40dBu	Euroblock
	+10dB			+10dBu	+30dBu	

Analog output specifications

Output terminal	Actual source impedance	For use with nominal	Input level		Connector
			Nominal	Max. before clip	
OUTPUT	75Ω	600ΩLines	+4dBu	+24dBu	Euroblock

Digital I/O specifications

Terminal	Format/Level	IN/OUT	Connector
CobraNet (C version)	CobraNet / 100base-TX	16 IN / 16 OUT	RJ-45 x2 (Primary, Secondary)
EtherSound (ES version)	EtherSound / 100base-TX	16 IN / 16 OUT	RJ-45 x2 (In, Out)

Dimensions unit : mm

