YAMAHA
Make Waves

SIGNAL PROCESSOR
DME 5

SIGNAL PROCESSOR
DME 3

AT THE HEART OF THE NEW CIS ECOSYSTEM

DME5 and DME3 processors deliver advanced signal processing at the heart of the new Commercial Installation Solutions Ecosystem, enabling comprehensive control across Yamaha audio systems.

Their open-architecture design enables flexible, scalable deployments, while 96kHz processing ensures superior audio quality and seamless connectivity with other Yamaha products.
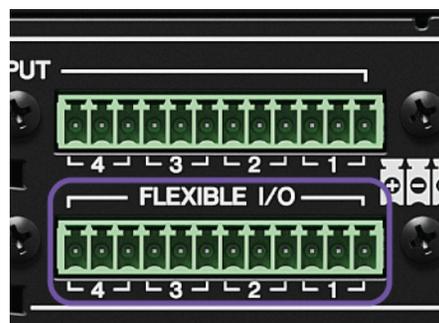
KEY FEATURES

- **Simplified control with the new Conductor feature**
- **Designed for Flexibility and ease**
  - **4-channel flexible I/O**
  - **USB audio and memory interface**
  - **Informative LCD display**
  - **Custom Control Panel file on DME for effortless remote control**

Informative LCD Display

The built-in LCD display provides quick access to key settings such as the IP address, flexible I/O configuration, and network mode. When an error log appears, an on-screen QR code links directly to the manual for faster troubleshooting.

4-ch FLEXIBLE I/O (Euroblock)

Without the need for additional hardware, four analog channels can be configured and used to match the requirements of the audio system. The channels can be assigned in ProVisionaire Design software as inputs, outputs, or a combination of both.

USB Audio and Memory Interface

DME3 and DM5 models feature two types of USB ports: TO HOST provides PC audio input/output making it ideal for for web conferencing, while TO DEVICE plays MP3/WAV files from a USB drive for convenient background music playback.

GENERAL SPECIFICATIONS

DME5 / DME3 SIGNAL PROCESSOR			DME5	DME3
Internal processing			48 kHz / 96 kHz	
Latency			Less than 3 ms, INPUT to OUTPUT @ FS=96 kHz	
Memory			Parameter sets: 1000, Snapshots: 10000	
Cooling			Variable speed fan x 1, front to rear airflow	
NC Value			NC= 20 to 25 (1m from the front panel, operation temperature 25°C)	
Number of Analog Inputs			8ch + FLEXIBLE I/O 4ch (max) *1	
Number of Analog Outputs			4ch + FLEXIBLE I/O 4ch (max) *1	
Dante Interface	Channel count		64 IN, 64 OUT	16 IN, 16 OUT
	Sampling frequency		48 / 96 kHz	
	Bit depth		24 / 32 bit	
USB TO HOST	Channel count		2 IN, 2 OUT	
	Sampling frequency		48 kHz	
USB TO DEVICE	Sampling frequency		44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz	
	Bit Depth (WAV)		16 bit, 24 bit, 32 bit	
	Sampling frequency		32 kHz / 44.1 kHz / 48 kHz	
	Bit Rate (MP3)		32 kbps, 64 kbps, 128 kbps, 192 kbps, 320 kbps	
I/O Connectors	Analog		Euroblock mini 12pin x 4 (3pin x 16)	
	Dante		RJ-45 x 2 (PRIMARY / SECONDARY)	
	USB TO HOST		USB Type-C (USB2.0)	
	USB TO DEVICE		USB Type-C (USB2.0)	
	Network		RJ45 x 1, 100Base-TX	
	GPI		Euroblock mini 16 pin x 2	Euroblock mini 16 pin x 2
	AC IN		AC inlet x 1	
Power requirements			100V-240V, 50Hz/60Hz	
Power consumption			60 W	
Heat dissipation			52 kcal/h	
Operating temperature			0°C to +40°C	
Storage temperature			-20°C to +60°C	
Dimensions (W x H x D)			480 x 44 x 359 mm	
Weight			4.0 kg (8.8 lbs)	
Finish			Front panel: Munsell approximate value N5	
Included Accessories			Owner's Manual x 1, AC power cord x 1, AC power cord x 1, Euroblock plug mini 16pin x 2 (DME5), x 1 (DME3), Euroblock plug mini 3pin x 16, Cable hook (For USB Type-C) x 1 Cable Ties x 18	

*1: FLEXIBLE I/O can be set to INPUT or OUTPUT for each channel and used exclusively.

*Preliminary Information