

Overview

A DM3 Standard compact digital mixing console features versatile capabilities and portability for a wide range of applications. Offering superb sound quality, fast and easy setup and operation, and professional-level features.



Features

- 8 + 1 fader configuration
- 9-inch multi-touch screen
- Input mixing channels: 16 mono + 1 stereo + 2 FX return
- Buses: 1 Stereo, 6 Mix, 2 FX, 2 Matrix (Supports Input to Matrix)
- Local I/O: 16 Mic/Line (12 XLR + 4 XLR/TRS Phones Combo) inputs, and 8 (XLR) outputs
- USB: 18 inputs, and 18 outputs
- 18 Effects, and GEQ on Mix 1-6 and Stereo channels
- Sampling rate: 48kHz/96kHz
- Intuitive user interface optimized for multi-touch screen operation.
- “QuickPro Presets™” provide instant access to pro sound setups.
- DAW Remote for smooth DAW operation with physical controllers
- Seamlessly integrated remote control and offline editing via DM3 Editor.
- Wireless remote control of a DM3 Standard is possible via an iPad app.
- Individual wireless Mix/Matrix mixing can be simultaneously performed by up to 10 different iPad, iPhone, iPod touch, or Android devices.
- Direct 2-track recording to standard USB flash drives, or serious multitrack recording to a DAW via USB.
- Dimensions (W x H x D): 320 mm x 140 mm x 455 mm (12.6” x 5.6” x 18.0”)
- Net weight: 6.5 kg (14.3lb)

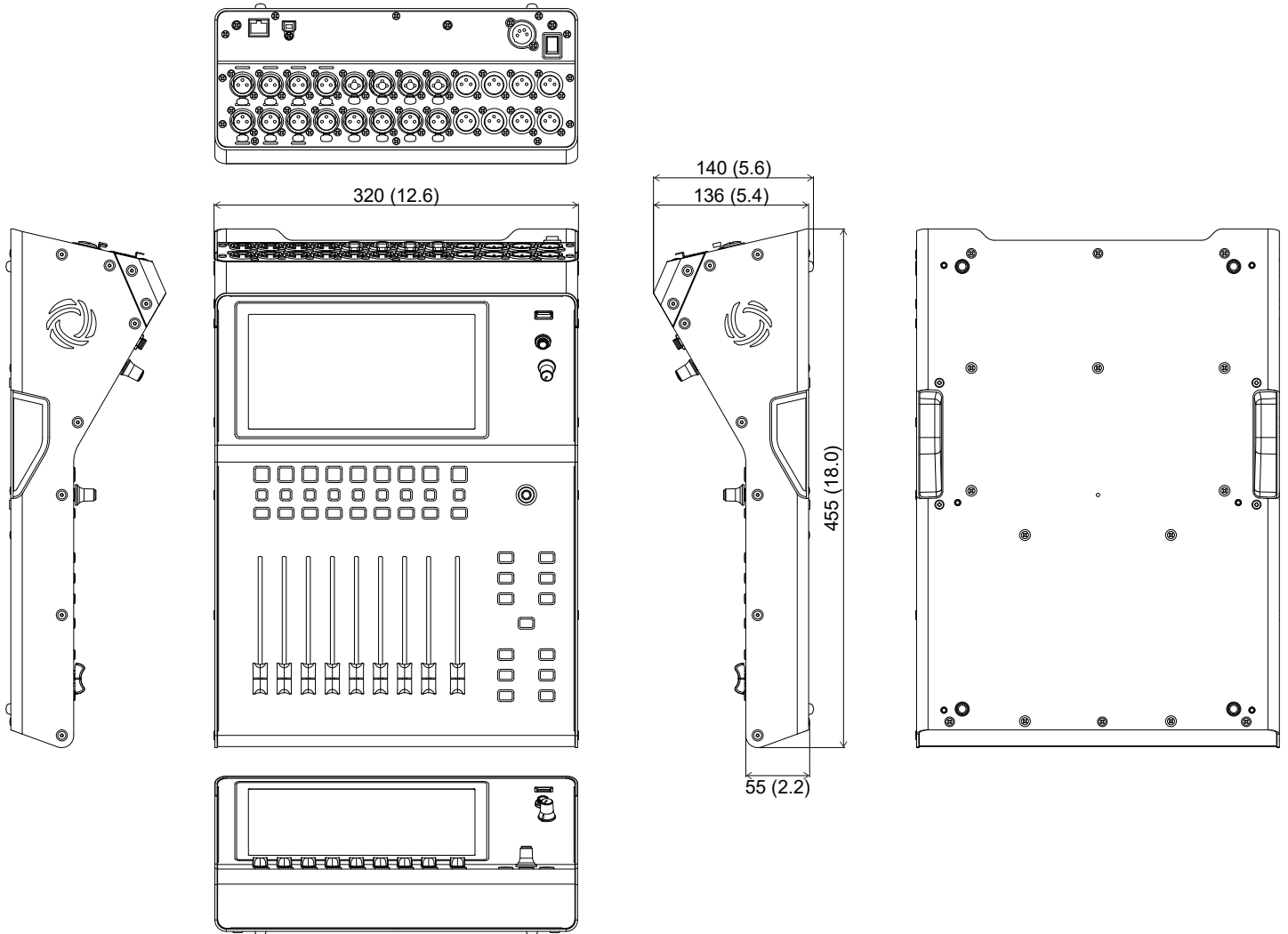
Specifications

Functional Specifications

Mixing Capacity	Input Mixing Channels	16 mono, 1 stereo, 2 FX return	FX	Number of FXs	2
	Mix Buses	6		Number of FX Programs	18
	Matrices	2 (Input to Matrix supported)	GEQ	Available Channels	Stereo, MIX1-6
	Stereo Buses	1	Recording	USB Memory Recording	Yes
	FX Buses	2		Multitrack Recording	Yes (via USB)
Local Connectors	Cue Buses	1	Broadcast Functions	5.1 Surround Panning	No
	Analog Input	16 mic/line (12 XLR + 4 XLR/TRS Phones Combo)		Surround Monitor	No
	Analog Output	8 (XLR)		Mix Minus	No
	Dante I/O	No		L-Mono / R-Mono / LR-Mono	No
	Expansion Slot	No	Monitor	Solo Mode	No
	Word Clock I/O	No		Oscillator	Sine Wave / Pink Noise / Burst Noise
	MIDI I/O	No (MIDI protocol supported)	Other Functions	Port to Port	No
	GPI	No		GPI	No
	USB	1 (File Save/Load, 2 Track Rec/Play)		MIDI	Yes (USB MIDI)
	USB to Host	1 (18 in/18 out audio interface, MIDI)		OSC Server	Yes
	Ethernet	Yes		Wireless Mic Monitoring	No
	Foot Switch	No		DAW Remote	Yes
	Phones	1		RTA	Yes
	DC power IN	1 (XLR 4pin)		Output Port Delay	No
Scene Memory	Number of Scenes	200		Cascade	No
	Recall Safe	Yes		User Level	Yes
	Focus Recall	No	Help File	No	
	Fade Time	Yes (0s ~ 60s)	User Interface	Display	9-inch multi-touch screen
	Preview	No		Faders	8 + 1
	Selective Load / Save	No		Channel Encoder	No
	Global Paste	No		Channel Name / Color Display	Yes (On screen)
	Tactile Control Keys	No (on-screen)		Custom Fader Banks	Yes
Input Channel Functions	Gain Compensation	No		User Defined Keys	6
	Digital Gain	Yes (-24dB~ +24dB)		User Defined Knobs	No
	HPF	20Hz ~ 600Hz		Touch and Turn Knob	Yes
	HPF	20Hz ~ 600Hz	Monitor Level Knob	No	
	PEQ	4 Band Full PEQ (RTA overlay support)	iPad Stay	No	
	Dynamics 1	Gate / Ducking	Rack-mounting	Yes	
	Dynamics 2	Comp	Software	Editor	DM3 Editor
	Input Delay	Yes (0ms ~ 1000ms)		StageMix	DM3 StageMix
	Pan	Center Nominal		MonitorMix	Yes
	DCA Group	No		ProVisionaire Control/Touch	Yes
	MUTE Group	6		Nuendo Live: Control integration	No
	Number of Inserts	0		Console File Converter	No
	Direct Out	No	Output Channel Functions	PEQ	4 Band Full PEQ (RTA overlay support)
Quick Pro Preset	Yes	GEQ		Yes	
Output Channel Functions	PEQ	4 Band Full PEQ (RTA overlay support)		Dynamics 2	Compressor
	GEQ	Yes		Output Channel Delay	Yes (0ms ~ 1000ms)
	Dynamics 2	Compressor		MUTE Group	6
	Output Channel Delay	Yes (0ms ~ 1000ms)	Number of Inserts	0 (Insert Effect on FX1/2)	
	MUTE Group	6	Quick Pro Preset	Yes	
Number of Inserts	0 (Insert Effect on FX1/2)				
Quick Pro Preset	Yes				

Dimensions

Unit: mm (inch)



Options

- Rack Mount Kit RK-DM3

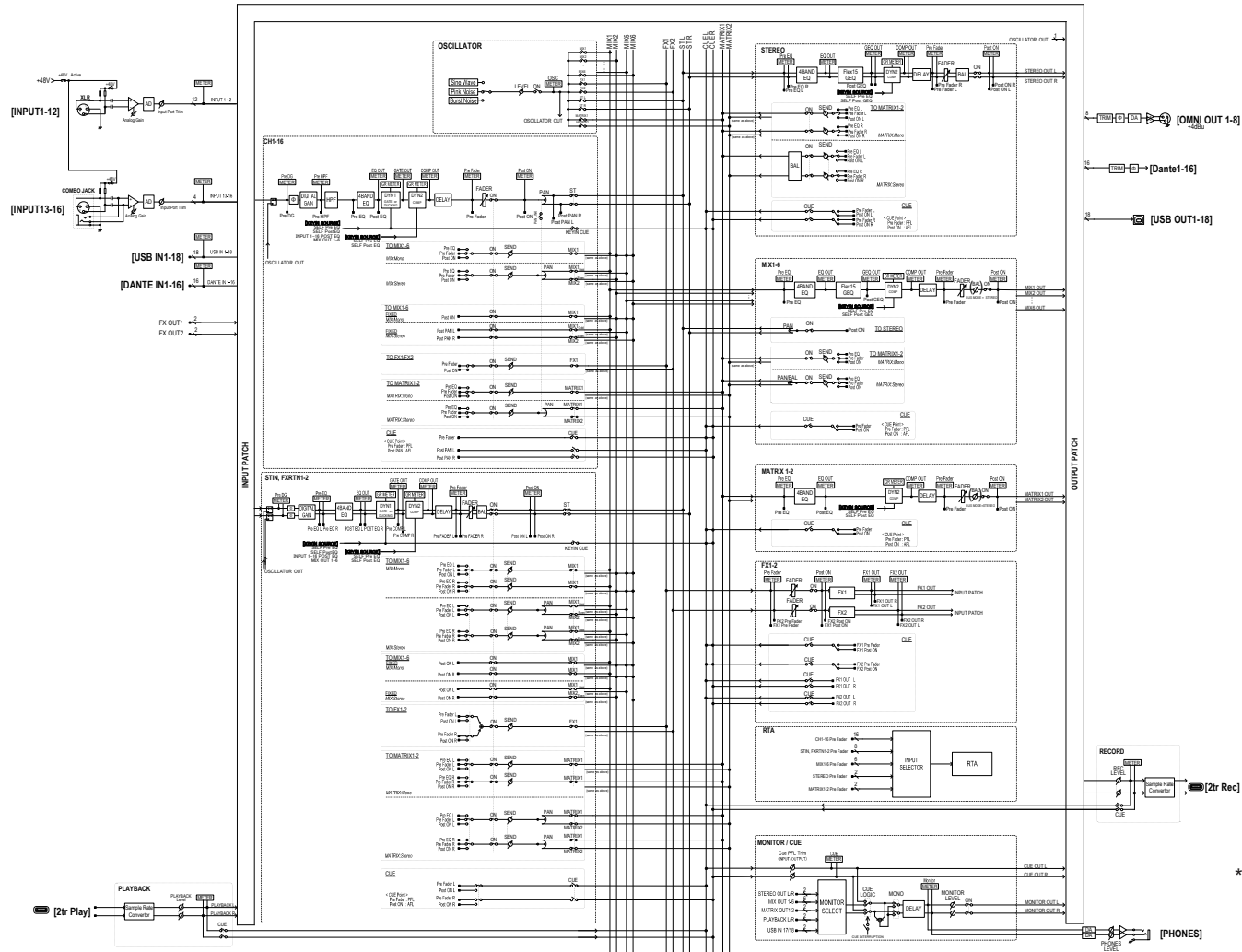
Software

- DM3 Editor
- DM3 StageMix
- MonitorMix
- Cubase AI
- VST Rack Elements

Architectural and Engineering Specifications for DM3 Standard

The Yamaha DM3 Standard digital mixing console shall be compact and versatile, suited to a variety of applications including live sound reinforcement, live streaming, corporate events, home or studio recording, and fixed installations. It shall be intuitive and easy to use, equipped with a 9-inch multi-touch screen and 8 + 1 faders. DM3 shall provide a mixing capacity of 16 mono and 1 stereo input channels, 2 stereo effects returns, 6 mix buses, 2 effects sends, 1 stereo bus and 2 matrix buses. It shall support the routing of input channels direct to matrix. The internal signal processing shall allow operation at sample rates of 96kHz and 48kHz. The rear panel shall include XLR connections for 16 mic/line inputs with recallable pre-amp settings, 4 of which are combined with TRS connections. It shall have 8 XLR connections for OMNI OUT. There shall be an RJ-45 connection for networking, USB-A for computer connection capable of 18 channel multi-track recording, and a 4-pin socket for 24V power supply. On the top panel there shall be a USB-B socket for portable storage device capable of stereo audio recording and playback, and a ¼ inch TRS headphone socket. The top panel shall also feature a TOUCH AND TURN rotary encoder, 6 FADER BANK keys, a HOME key and 6 USER DEFINED KEYS. Above each of the 9 100mm motorized faders there shall be illuminated keys for ON, CUE and SEL. DM3 shall be compatible with a range of software applications including DM3 Editor, DM3 StageMix, MonitorMix and ProVisionaire, and it shall provide remote control capability for Digital Audio Workstation software such as Cubase and Nuendo. An optional rack-mount kit shall be available. Dimensions shall be 320 (W) x 140 (H) x 455 (D) mm, and weight shall be 6.5kg.

Block Diagrams



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