



Features

- USB Playback: Supports lossless audio formats including APE, FLAC, MP3, and WAV (compatible with large-capacity NTFS-formatted USB drives)
- Recording Function: Supports single-track recording
- Dual-core 1.2GHz processor + Linux operating system
- 7-inch capacitive touchscreen with 1024x600 resolution
- Seamless switching between Chinese and English interfaces without requiring a reboot
- Built-in 12-channel independent feedback suppressors with auto-mixing support
- Includes 2 DCA groups
- Full iPad touchscreen control with real-time data synchronization
- Supports simultaneous control from 8 terminals
- ARM and DSP firmware upgradeable via network or USB resistor disk
- Each input channel features 4-band parametric EQ, noise gate, feedback suppressor, high/low pass filters, compression, and phase inversion
- Each output channel features 8-band parametric EQ, high/low pass filters, compression, and phase inversion
- Output channels and mix buses selectable for pre-fader or post-fader routing (PRE/POST)
- Supports 2– 100 scene presets, exportable/importable via USB storage for data backup
- 100 PEQ mode presets
- Built-in signal generator: sine wave, pink noise, white noise
- Channel parameter copy function for rapid data replication between identical channels
- Connectivity: Balanced XLR inputs/outputs
- Fader groups, 1 system mute button, 3 customizable buttons
- Customizable channel naming

Specifications

Performance

Model	MX-D18C+
Display size	7 inches
Resolution	1024x600
Touch control	Capacitive
DSP	ADSP-21488 400MHz
Analog input	16CH (12MIC + 4Line) + USB
Analog output	L/R + 6BUS + 2AUX + Headphone (L/R)
Feedback suppressor	MIC Channels 1~12
USB playback	Supports APE, FLAC, MP3, WAV formats for analog output playback
USB recording	Single-track recording
Output noise floor	-90dBu unauthorized (AES17-20Khz)
Distortion	0.007% @4dBu 20~20Khz
Maximum signal-to-noise ratio	105dB unauthorized
Dynamic range	105db
Frequency response	20Hz-20KHz ± 0.5 dB @0dBu
Maximum input level	18dBu (6.2Vrms) balanced XLR input
Maximum output level	18dBu (6.2Vrms) balanced XLR output
DCA	Yes
Motorized Faders	9
Effector	6 built-in basic effects; 24 customizable user effect presets
Ethernet	100M
RS-232 protocol	Yes
TCP/IP protocol	Yes
USB mouse	Yes
Power supply	AC100v-240v 50/60Hz 55W

Dimensions

Dimensions	358x380x125mm
Net weight	6.4KG