



# DM-24.8

Digital Mixer

## Features

- 24 mics/Line Inputs
- 8 Aux sends
- 2 internal FX
- 13 x 100mm motorized fader
- 7 inch color LCD touch screen
- Ethernet or USB remote control
- iPad App Editor for wireless control
- Multi-track USB recording or Dante module



DM-24.8 is a 24 channel inputs digital mixer principally dedicated to live applications; however it is an incredible tool for fixed installations through a very powerful signal processing. The 8 AUX bus architecture offers flexibility for monitoring or effects send. The analog type surface is equipped with large motorized faders showing instantly the level of signal or parameters to be edited.

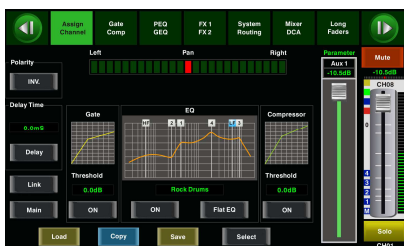
The 7 " touch screen helps to visualize and edit the parameters very quickly. A large number of physical buttons and sliders give a direct access to parameters as well, and are an alternative to the touch functionality of the screen.

Other useful remote controls are available through Ethernet or USB ports. A tablet App can also be used for wireless control.

The mixer features other extended possibilities to communicate with external equipment like an optional Dante card for audio transport or a 32 track USB interface for recording.

A powerful DSP offers functions like Noise/Gate, Compressor/Limiter, Parametric/Graphic EQ, PAN, Phase Reverse, Time Delay, plus a large choice of high quality digital effects.

Channel Assign



Gate / Compressor



PEQ / GEQ



# Specifications

<b>Microphone Input</b>	Electronically balanced
Frequency Response to Main Output	20Hz~20kHz at 0dBu ±1.5dB
Distortion (THD & N) to Main Output	<0.01% at 0dBu 1 kHz
Gain	0dBu~50dBu
SNR (Signal to Noise Ratio)	107dB
Maximum Input Level	+20dBu
Phantom Power (+/-3V)	+48VDC
<b>Line Inputs</b>	Electronically balanced
Frequency Response to Main Output	20Hz~20kHz at 0dBu ±1.5dB
Distortion (THD & N) to Main Output	<0.01% at 0dBu 1 kHz
Gain	-15dBu~+35dBu
Maximum Input Level (Gain at 0dBu)	+20dBu
<b>Main Outputs</b>	
Max. Output Level	+20dBu
<b>AUX1-8 Outputs</b>	
Max. Output Level	+20dBu
<b>Control Room Outputs</b>	
Max. Output Level	+20dBu
<b>Headphones Level</b>	
Max. Output Level	+20dBu
<b>System Crosstalk</b>	
Input to Output (at +4dBu 1kHz)	-88dB
Adjacent Channel (at +4dBu 1kHz)	-85dB
Noise (Bus noise)	-88dB

<b>Noise Gate</b>	
Threshold Range	-84dBu ~ -20dB
Attack Time	0.5ms ~ 200ms
Release Time	10ms ~ 1s
<b>Compressor</b>	
Threshold Range	-30dBu ~ +20dB
Attack Time	10ms ~ 150ms
Release Time	10ms ~ 1s
Ratio	1:1 to 10:1
Gain	0dBu - +24dB
<b>EQ</b>	
Low (Low Pass or Low Shelf)	21Hz~19.2KHz ±24dB
Low Mid	21Hz~19.2KHz ± 24dB
High Mid	21Hz~19.2KHz ± 24dB
High(High Pass or High Shelf)	21Hz~19.2KHz ± 24dB
<b>Digital Audio</b>	
ADC Dynamic Range	114dB
DAC Dynamic Range	114dB
Internal Processor	32-bit , floating point
ADC,DAC bit depth	24bit
<b>Impedances</b>	
Microphone input	6.8kΩ
Line input	75kΩ
Stereo input	27kΩ
All other output	240Ω
Operating free-air temperature range	0~40°C
Storage temperature range	-20°C ~ 45°C



Specifications subject to modification without notice



**SEIKAKU TECHNICAL GROUP LIMITED**  
 NO.1 LANE 17, SEC.2, HAN SHI WEST ROAD,TAICHUNG 40151 TAIWAN  
 Tel: +886-4-22313737 Fax: +886-4-22346757 www.seikaku.hk