



# Digital/Analog Mixing Console



Multi-effects



Multi-formats



Monitor



Low noise



High quality

# Product patent

## National Sales Champion

As the key product of Soundking,  
the digital mixer series has a leading  
production technology, excellent quality  
and strong market competitiveness.

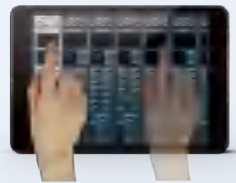
Selected as

"2019 National Manufacturing Single Champion Product"

by the Ministry of Industry and  
Information Technology

# Product series

## ■ Digital Mixer



ipad wireless control

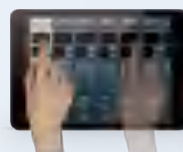
DX20  
DX20-USB(multi-track record)  
DX20-LAN(network transmission)



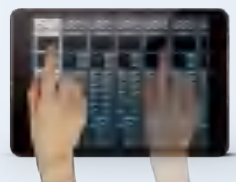
DM20



DM20M



ipad wireless control



ipad wireless control

DB20P  
DB20P-600(4x150W)



## ■ MIX series Analog Mixer

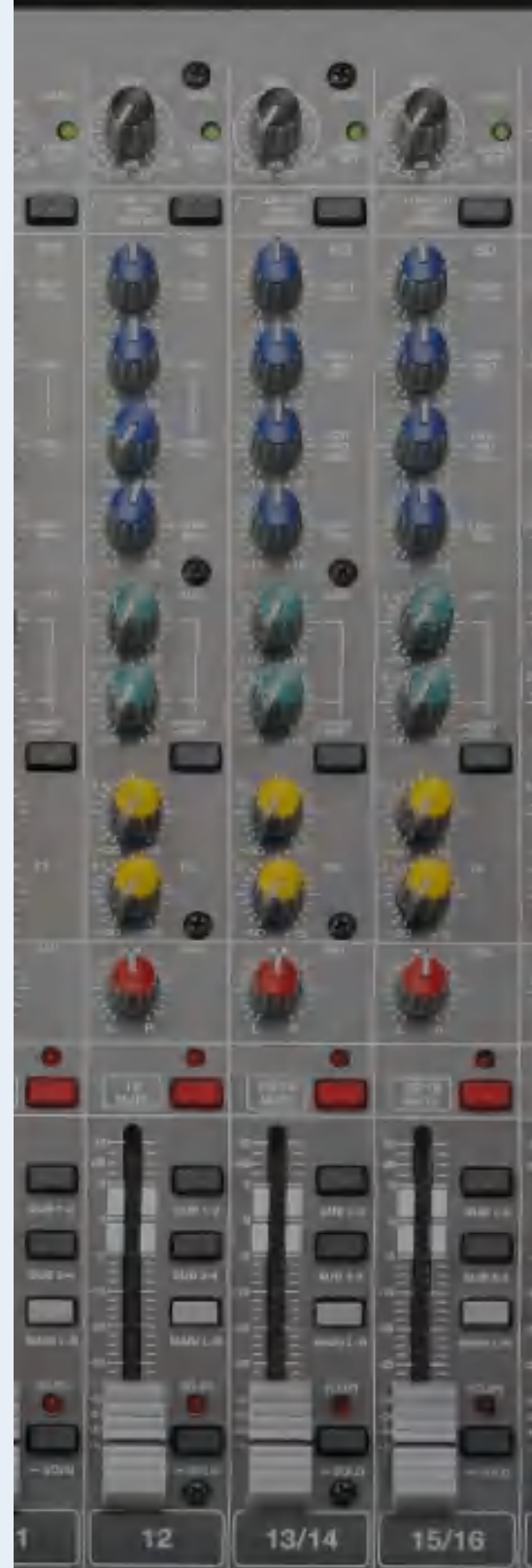
MIX08C  
MIX08CG  
MIX12C  
MIX16C  
MIX20C



MIX08C



MIX16C





## ■ KG series Analog Mixer

KG05  
KG06  
KG08  
KG10  
KG12  
KG16



KG05  
KG06



KG08  
KG10  
KG12



KG16



## ■ LIVE1 Premium Analog Mixer

LIVE1-1642

LIVE1-2442

LIVE1-3242



LIVE1-1642



LIVE1-3242



PS1 Power supply system





# Application

- Bars /KTV/ parties and other entertainment places



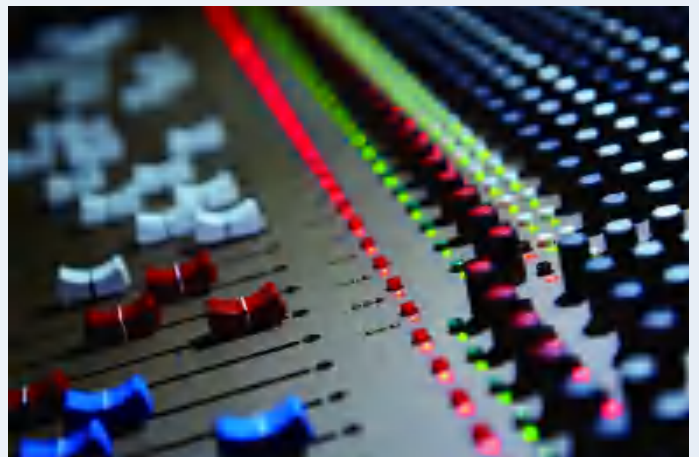
- Company/school and other institutions



- Small and medium-sized bands/government and enterprise meetings and other activities

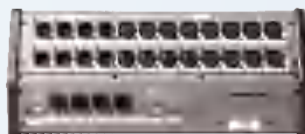


- Webcasts, recording studios, etc.

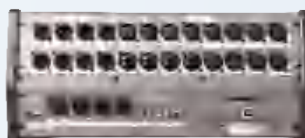


# Digital Mixer patent number:2016830322501

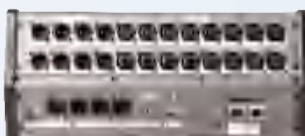
Compact 20-CH multitrack recording digital mixer



DX20 real panel



DX20-USB real panel



DX20-LAN real panel

DX20

DX20-USB(multi-track record)

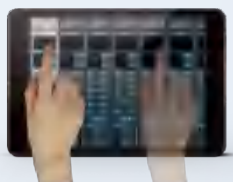
DX20-LAN(network transmission)

## Introduction

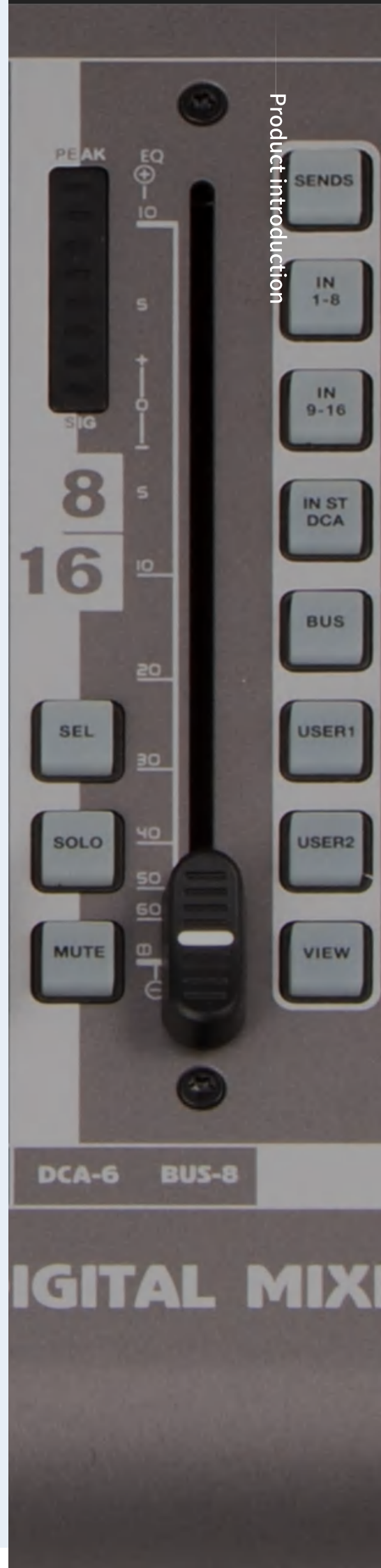
- DX20 digital mixer is a fully functional compact digital mixer that SOUNDKING has entered the digital mixer market. A new concept that combines modern digital mixer with traditional mixer operation.
- Small size, simple operation interface, professional mixing effect. Built-in B-type 16x16 USB audio interface or 16x16 network transmission LAN network interface enable it to play an excellent role in a professional performance, but also fully meet the inexperienced individual users to provide a strong effect.
- The DX20 combines the advantages of high-end hardware/touch sliding and iPad remote control.
- Adopt 4th generation 40-bit SHARC floating-point processor. 24bit/48kHz AD/DA conversion with 8 built-in effectors, reverb, delay, modulation and GEQ
- (20 input channels) 12-ch professional microphones and 2 stereo and professional digital signal input ports are used. 16-ch bus contains 8 custom analog and digital output ports.
- Provide users with multiple configuration options for basic version/multi-track recording version/network transmission version. The DX20 is installed with 2 USB interfaces for playback, recording, scene storage and iPad remote control.
- The DX20 is equipped with a 7 inch Android-powered HD touch screen for WIFI wireless control and 9 100mm motorized faders to adjust parameters for intuitive operation.

## Technological innovation ★ New function

- ★ Expansion module: B-type 16x16 USB audio interface, digital record/playback.
- ★ Expansion module: 16x16 Network transmission LAN Network port, long distance transmission/routing.
- ★ 6 DCA Groups, 2 Mute Groups, 2 Custom Layers, 4 Custom Physical Keys, output signal routing.
- ★ Support RS485 central control interface.
- 8 effects (2 modulations, 2 delays, 2 reverbs, 2 GEQs)
- Bus layer send function. You can quickly send the required input channels on the bus page to the current bus;
- 16 CH microphone(4 COMBO), USB input
- USB port (record/playback,WiFi,software update,sceneimport/export)
- Support file format: ogg, flac, ape, WAV, Mp3
- 7" HD touch screen with sliding touch
- 16 CH Class A mic amplifier
- iPad remote control
- 2.1 mode output.



DX20, iPad wireless control





Compact 20-CH multitrack recording digital mixer

## DX20 Series New Upgrade



DX20 series



DM20M series

New Upgrade

### New functions for new Dx20

New innovations	DCA group	6
	Mute group	2
	Expansion module	B-type 16x16 USB audio multitrack record port (DX20-USB) 16x16 Network transmission LAN port(DX20-LAN)
	Custom defined key	4 Custom Physical Keys
	Custom defined layer	2 Custom layer
	Control interface	Support RS485 port
	Signal routing	Input/output signal routing

# DX20 series

## New function introduction

### Input signal route

Users can customize the input part of the signal source, or they can route signals from one physical port to multiple channels, to achieve the requirement that one input has multiple sound effects.

### 4 user-defined keys

Multiple functions can be assigned to 4 user-defined keys for fast call-out;



### 6 DCA group

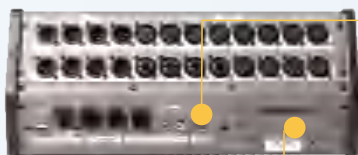
It can be used to group multiple channels flexibly, so that one group channel controls multiple I/O channels at the same time;

### 2 user-defined layers

Through the user-defined layer, the input and output of a scene can be customized to the same layer for fast adjustment.

### 2 Mute group

Multiple channels can be assigned to any two mute groups to achieve quick mute or unmute operations;



### RS-485 port

The mixer can be connected to the IoT to form a distributed system and remotely control the mixer.

### External USB16 expansion module / LAN16 expansion module

USB16 expansion module: Through USB device and digital audio workstation software (DAW) computer connected, 16-in / 16-out multi-track recording and playback.  
LAN16 expansion module: up to 16x 16 bidirectional channels, 24bit/48kHz digital audio network transmission (C-link network AES67 protocol);

## Compact 20-CH multitrack recording digital mixer

# Features



### 1. Dynamics sub page

The subpage includes channel selection, dynamic library, Gate, Compressor, Side chain and dynamic graph.



### 2. Built-in media player & recorder

USB (record/playback);  
Media player and recorder;  
MP3 audio or lossless WAV format, recording format is WAV format by default;  
New APE and FLAC playback formats.



### 3. High quality configuration

The core uses the 4th generation 40bit SHARC floating point processor, 24bit/48kHz AD/DA conversion, built-in with reverberation, delay, pressure, EQ and GEQ effects. It is the ideal choice for your music production, mixing, broadcasting and music enjoyment.

The graphic equalizer is changed from 15 to 31 segments.



### 4. Modulation sub page

Module Selection Click the left and right buttons to select the effector module: (Modul1-Modul2-Delay1-Delay2-Reverb1-Reverb2-GEQ1-GEQ2).



### 5. Easy operation perfect sound

2.1 output

2-way, quickly set up a high-quality 2.1 system;

Save the time of system building and mixing, and get satisfactory audio effect quickly;

Easy to operate, even if you are not proficient in tuning experience, you can quickly get high-quality sound effect;

New RTA measurement mode.



### 6. iPad control

Optional remote interface control for iPad;

DX20 can be controlled by iPad APP, including gain, EQ, dynamic, fader, etc;

Transport distance can choose hotspot mode or router mode according to your needs, and DX20 can be perfectly controlled in any corner.



### 7. 4-segment full-parameter equalizer

Frequency range 20Hz-20KHz.



### 8. Mono Mono Bus

Bus 1~Bus 4 are Mono bus.



# DX20 series specification

Model	DX20	DX20-USB	DX20-LAN
Version description	Enhancements are available separately: USB16 (16x16) Multitrack Audio Card or LAN16 (16x16) C-LiNK (AES67) Network Transport Card.	Connect a USB device to a PC with digital audio workstation software (DAW) for 16-in/16-out multitrack recording and playback.	The 16-in/16-out multitrack long distance and low delay transmission is made through the LAN network connection.
Input channel	20		
Bus	16		
Master stereo bus	1		
Effect	2 modulation, 2 delay, 2 reverb, 2 GEQ		
DCA group	6		
Mute group	2		
User-defined keys	Support		
User-defined layer	Support		
Sampling rate	24bit/48 kHz		
Local mic input	12x XLR+4x COMBO		
Local input-digital	1x stereo S/PDIF		
Local output	8 x XLR		
Local output-digital	1x stereo AES/EBU (XLR)		
Monitor output	2 x XLR		
Headphone	1 x 1/4寸 TRS		
Mic amplifier	16way Class A analog mic		
Fader	8x 100mm channel, 1x 100mm master control		
Screen	7" IPS HD display, 1024x600		
RS485 port	Support		
Expansion module	Support USB audio multitrack (model:USB16)		
Expansion module	Support digital network multitrack transmission (model:LAN16)		
Phantom power supply	48V, Each channel can be switched separately		

# DX20

## Accessories

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### USB16 expansion module

Suitable for SOUNDKING DX20 digital console;

Up to 16x16 two-way channels, 24bit/48kHz digital audio recording and playback;

Connect a USB device to a computer with digital audio workstation software (DAW) for 16-in/16-out multitrack recording and playback.



### LAN16 expansion module

Suitable for SOUNDKING DX20 digital console;

Up to 16x16 two-way channels, 24bit/48kHz digital audio network transmission (C-LINK network AES67 protocol);



# ■ DM-20

## DIGITAL MIXING

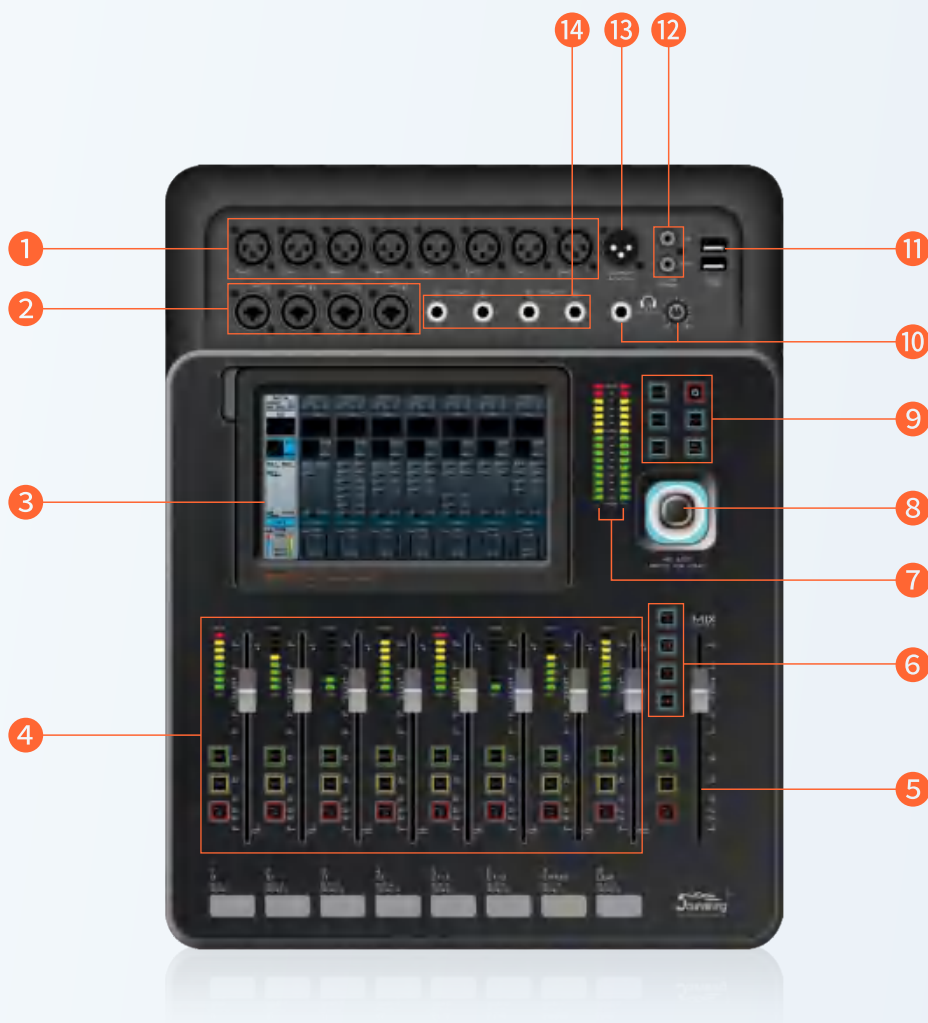


## Introduction

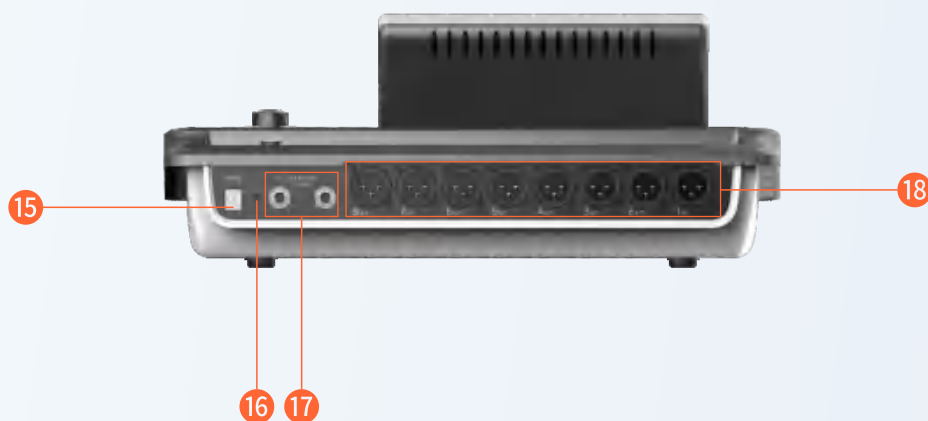
- Introducing the Studiomaster digiLivE mixer – 16 channels, motorised faders, large touch screen, USB ports – everything you need for perfect live mixing. DigiLivE is the result of many years of R&D combining Studiomaster's experience in signal processing with the latest technologies to give you total control over your sound.
- Although ultra compact, digiLivE uses the full potential of our digital mixer expertise without compromising any features. All settings can be recalled including, most importantly, the faders – unique in this class of mixer. Full control is also available remotely via Wi-Fi so you are free to mix anywhere in the venue.
- There are 12 mic/line inputs, 2 stereo inputs all routable via 16 busses to 8 balanced outputs. Joining them is a host of professional digital interfaces – AES/EBU, SPDIF and two USB.
- The 1024x600 touch screen makes navigation simple and intuitive, in fact digiLivE can be used straight out of the box without the need to read a 100 page manual!
- Studio quality sound, multi-effects engines and full dynamics processing make digiLivE the easy way to mix your sound.







- ① Mic In
- ② Mic/Line In
- ③ Screen
- ④ Channel Strip Section
- ⑤ Master Fader
- ⑥ Layer
- ⑦ Master Level Meter
- ⑧ Adjust Pot
- ⑨ System Control
- ⑩ Head Phone Port/Pot
- ⑪ USB
- ⑫ S/PDIF In/Out
- ⑬ AES/EBU Out Put
- ⑭ Stereo Input



- ⑮ Power Connect Port
- ⑯ Power Light
- ⑰ Monitor Out Port
- ⑱ Output Port

# DM-20 Features



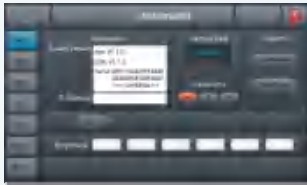
## More Flexible Electro-gain

Electro-gain of 12 MIC

Wide dynamic; accurate adjustment 0.5dB; more flexible operation than traditional way of the analogue gain (remote control gain)

Without the need of panel space; concise panel

Low noise



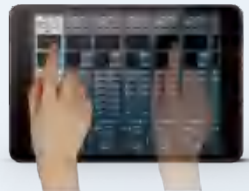
## Easy Operation Perfect Tone

2.1 output

One key crossover; set up 2.1 system quickly

Save the time of mixing and installation

Easy operation even for anyone who has no tuning experience



## iPad Remote Control

Control DM20 via iPad APP, including gain / EQ / dynamic / fader, etc.

Perfectly control DM20 via WiFi using built-in AP or external router.



## High Quality Configuration

8 FX

2 Modulation, 2 Delay, 2 Reverb, 2 GEQ

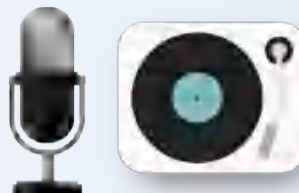
BUS

L/R +4MONO+4ST+1Monitor

Input

12 MIC(4 COMBO), 2 ST,S/PDIF input, USB input

S/PDIF in/out & AES-EBU output



## Built-in Media Player & Recorder

2 USB(recording/playback,WiFi)

Built in media player and recorder, or use your favourite android app

Playback from either USB(external module) or internal source

Record from any smart output

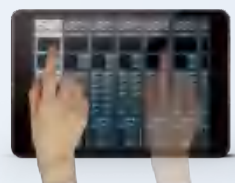
# DM20 digital mixing

Model	DM20
MIC Input	12channels,XLRs,4 Combi
LINE Input	2 (Stereo)channels,Two 6.5 Stereo Jacks
Smart Outputs	8 assignable balanced XLR
Internal Busses	16
Stereo Monitor	TRS Jack Output
Headphone	TRS Jack Output
Screen	7" high definition touch screen
Faders	9* motorized 100mm faders
Sample Frequency	48 KHz
AD/DA	192KHz, 24-bit
DSP	40-bit float point, SHARC processor
iPad Remote Control	Yes
Effects	up to 8 assignable effect modules(reverb,modulation,delay,15 bands GEQ)
Digital Input/Outputs	/
AES/EBU	Output (XLR)
S/PDIF	Input / Output (RCA)
USB Interface	2 for playback/recording, scene storage and system updates
Network	yes via WIFI external module
Power	90-240V ~ 50/60Hz power supply 12VDC output
Dimension (WxHxD)	350x380x150mm



# ■ DM20M

## 20CH Compact Digital Mixer



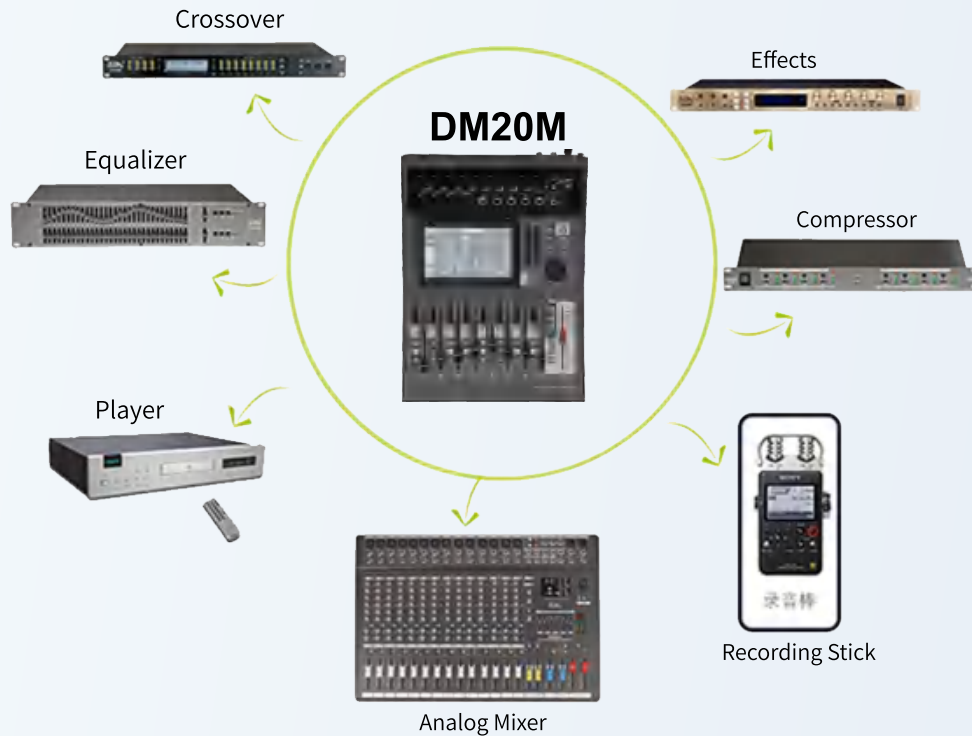
DX20, iPad wireless control



## Introduction

- DM20M is the full-function compact digital mixer that SOUNDKING has entered the digital mixer market.
- It reflects the new concept of the integration of modern digital mixer and traditional operation.
- Its compact size, simple operation interface, professional mixing effect, can not only play an excellent role in professional performance, but also fully meet the needs of inexperienced users, showing a powerful effect.
- It combines the advantages of high-end hardware / touch sliding control and pad panel remote control.
- It adopts the 4th generation 40 bit SHARC floating-point processor, 24bit/192kHz AD/DA conversion, built-in 8 effectors, with reverb, delay, modulation and GEQ.
- 20 inputs, including 12 professional microphones and 2 stereo and professional digital signal input ports, and 16 bus includes 8 custom analog output and digital output ports.
- Provide users with a variety of configuration options, while the DM20M is installed with two USB ports for playback, recording, scene storage and iPad remote access, respectively.
- DM20M is equipped with a 7-inch Android-driven HD touch screen, which can be controlled wirelessly by WIFI, with nine 100mm motorized faders to adjust, the control is intuitive.

# Break the tradition and value for money. DM20M is enough



DM20M mixer = compressor + effects + crossover + equalizer + analog mixer + player + recording stick

DM20M digital mixer with compressor, effects, crossover, equalizer, analog mixer functions.

These devices and fees can be omitted from the customer, along with added recording capabilities

## Features:

- > S/PDIF I/O and AES/EBU Digital Output
- > 1024\*600 pixels 7"HD touch screen
- > 12-ch microphone (4-way COMBO), 2-ch stereo, S/PDIF input, USB input
- > Touch screen sliding operation
- > 8 FX (2 modulation, 2 delay, 2 reverb, 2 GEQ)
- > Bus: L/R+4 Mono+4 Stereo+1 Monitoring
- > High quality parts: Swiss NEUTRIK XLR
- > 2 USB interfaces (Recording/Playback, WiFi, Software Update, Scene Import/Export)
- > iPad remote control
- > 12 Microphones High Precision Electron Gain
- > 2.1 Output
- > Built-in 2G memory
- > Support acoustic environment improvement at RTA measuring mode..
- > Graphic equalizer changed from 15 to 31 segments
- > File format support ogg, flac, ape, WAV, MP3
- > Bus Layer Send function, which allows you to quickly send the required input channels on the bus page to the current bus

## 20CH Compact Digital Mixer

# Features



### 1. Dynamics sub page

The subpage includes channel selection, dynamic library, Gate, Compressor, Side chain and dynamic graph.



### 2. Built-in media player & recorder

USB (record/playback);  
Media player and recorder;  
MP3 audio or lossless WAV format, recording format is WAV format by default;  
New APE and FLAC playback formats.



### 3. High quality configuration

The core uses the 4th generation 40bit SHARC floating point processor, 24bit/48kHz AD/DA conversion, built-in with reverberation, delay, pressure, EQ and GEQ effects. It is the ideal choice for your music production, mixing, broadcasting and music enjoyment.

The graphic equalizer is changed from 15 to 31 segments.



### 4. Modulation sub page

Module Selection Click the left and right buttons to select the effector module: (Modul1-Modul2-Delay1-Delay2-Reverb1-Reverb2-GEQ1-GEQ2).



### 5. Easy operation perfect sound

2.1 output

2-way, quickly set up a high-quality 2.1 system;

Save the time of system building and mixing, and get satisfactory audio effect quickly;

Easy to operate, even if you are not proficient in tuning experience, you can quickly get high-quality sound effect;

New RTA measurement mode.



### 6. iPad control

Optional remote interface control for iPad;

DX20 can be controlled by iPad APP, including gain, EQ, dynamic, fader, etc;

Transport distance can choose hotspot mode or router mode according to your needs, and DX20 can be perfectly controlled in any corner.



### 7. 4-segment full-parameter equalizer

Frequency range 20Hz-20KHz.



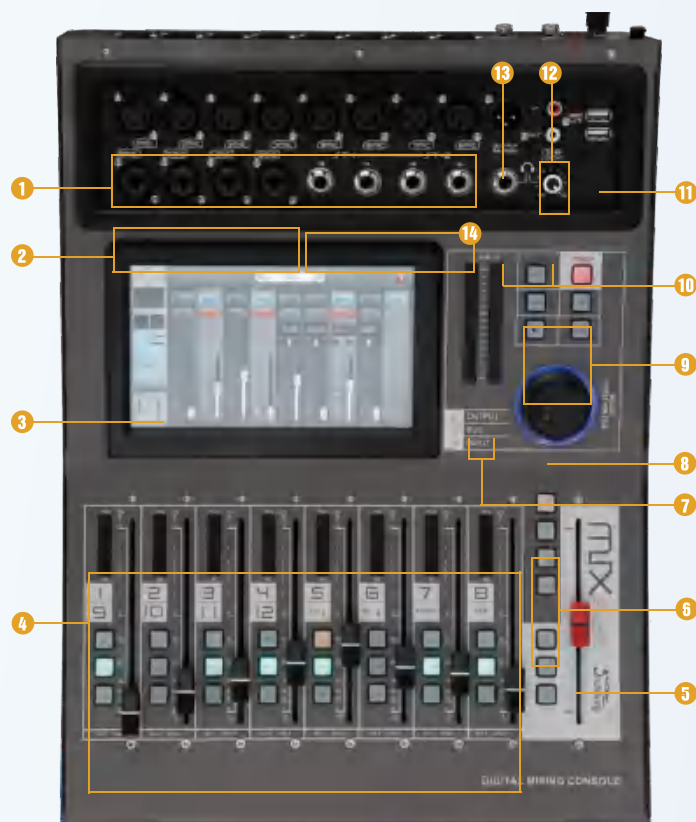
### 8. Mono Mono Bus

Bus 1~Bus 4 are Mono bus.



Compact 20-CH multitrack recording digital mixer

## DM20M interface



Packaging

- |                       |                             |
|-----------------------|-----------------------------|
| 1 MIC input           | 8 Adjustment knob           |
| 2 MIC/Line input      | 9 System control            |
| 3 Screen              | 10 Headphone interface/knob |
| 4 Channel strips area | 11 USB                      |
| 5 Master fader        | 12 S/PDIF input/output      |
| 6 Layer               | 13 AES/EBU output           |
| 7 Main level meter    | 14 Stereo input             |

## Technical parameter

Model	DM20M	Sample frequency	48kHz
Input channel	12 MICinput (include 4 Combo XLR) + 2 Stereo +S/PDIF input+ USB	DSP	4th generation AD140-bit float point SHARCprocessor,450M
Input channel fuction	Phase, Delay, high pass filter, 4-band PEO, noisegate, Compressor, L/R Pan, Effects	Effects	8 effect modules(2 Reverb, 2 Modulation, 2 Delay and 2 15-band GEQ)
Output channel	8 assignable XLR + AES/EBU,S/PDIFOutput + stereo headphone	System	custom Android system
Internal signal generator	white noise/ sine wave/ pink noise	Network	WIFI external USB wireless module
Phantom power	48V, each channel switchable alone	IPAD control	yes
USB function	USB playback/recording(WAV), system upgrade, scene storage, external USB network card	AMP output	no
Screen	7" 1024x600 IPS HD touch screen	Power supply	100-240V 50/60Hz
AD/DA	max support 24-bit/192KHz	Dimension(LxWxH)	429*335*83mm

## Digital rack mixer



### DB20P

20-CH digital rack mixer

### DB20P-600(4x150W)

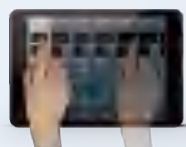
20-CH digital rack mixer (with amplifier)

#### Introduction

- DB20P rack series digital mixer, in which DB20P-600 is digital rack mixer with amplifier, installed in 19 inch standard rack.
- It combines the new concepts of modern digital mixer and traditional mixer.
- Its compact size, simple operation interface and professional mixing performance enable it to perform well in a professional performance as well as provide a powerful effect for inexperienced personal users.
- DB20P digital mixer with functions of limiter, effect, divider, equalizer and general analog mixer can save a lot of money for customers.
- DB20P combines the advantages of high-end hardware/touch sliding and iPad remote control.
- A 4th generation 40-bit SHARC floating-point processor with 24bit/48kHz AD/DA conversion and 8 built-in effects with reverberation, delay, modulation and GEQ is used.
- (20 input channels) includes 12 professional microphones and 2 stereo and professional digital signal input ports, 16-way bus contains 8 custom analog outputs, digital output ports and a pair of monitoring interfaces.
- The DB20P is installed with 2 USB ports for playback, recording, scene storage and remote access to the iPad.
- DB20P is equipped with a 7" IPS HD touch screen, WIFI wireless control and 10 encoders to adjust parameters for intuitive and convenient operation.

#### Technological innovation

- DSP ADI 4th generation SHARC processor 40 bit floating point/450M main frequency;
- 8 effects (2 modulations, 2 delays, 2 reverberations, 2 GEQs);
- Bus Layer Send function, which allows you to quickly send the required input channels on the bus page to the current bus;
- 12-ch microphone (4-way COMBO), USB input;
- USB port (recording/playback, WiFi, software update, scene import/export);
- Playback formats support ogg, flac, ape, WAV, Mp3;
- 7" HD touch screen, touch sliding operation;
- iPad remote control;
- 2.1 mode output;
- In RTA measurement mode, the sound field environment can be optimized.
- Built-in signal generator white noise/sinusoidal/pink noise;
- 8 output XLR+AES/EBU, S/PDIF Digital Output +Stereo Headphones with customizable allocation;
- Input channel functional phase, Delay, High-pass Filter, 4-band Parametric Equalizer
- Noise gate, compressor, LR phase, effect insert.



ipad wireless control



# Features

20-CH digital rack mixer  
DB20P / DB20P-600(4x150W)

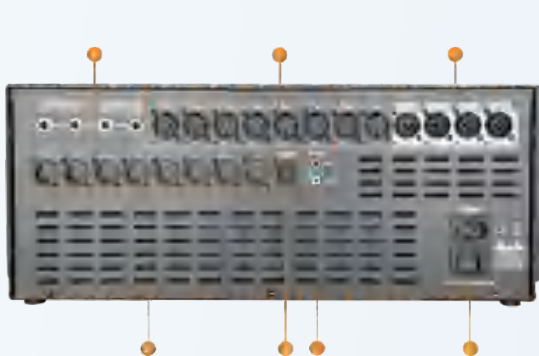


DB20P

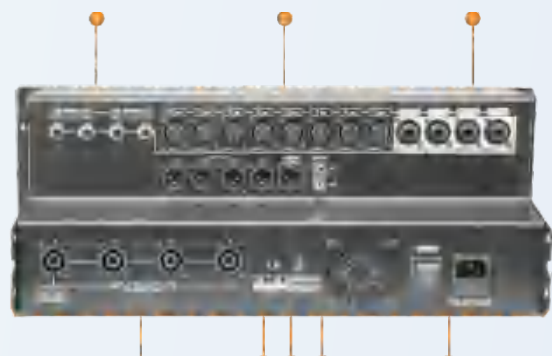


DB20P-600(4x150W)

- ① screen      ② master channel level meter      ③ USB      ④ layer      ⑤ ON/OFF switch
- ⑥ channel      ⑦ L/R channel      ⑧ adjust knob      ⑨ system control      ⑩ headphone



DB20P rear panel



DB20P-600(4x150W) rear panel

- ① Mic、Line input      ② Mic input      ③ stereo input      ④ built-in amplifier output
- ⑤ output      ⑥ balance digital output      ⑦ digital signal input/output      ⑧ power supply



## Function: iPad control

Optional iPad remote interface control.  
DB20P can be controlled by iPad APP, including gain, EQ, dynamic, fader, etc.  
Transport distance can select hotspot mode or router mode according to demand, and DB20P can be perfectly controlled in any corner.

## Feature: high quality configuration

The core uses a 4th generation 40 bit SHARC floating point processor, 24bit 48kHz AD/DA conversion, with built-in reverberation, delay, limiter, EQ and GEQ effects.



## DB20P series specification

Model	DB20P	DB20P-600(4x150W)
Amplifier output	/	4x150W 4Q
Input channel	12 mic input(with 4 Combo XLR)+2 stereo+2 digital port+2 USB play	
Input channel function	Phase, delay, high-pass filter, 4-band PEQ, noise gate, compressor, LR phase, effect insert	
Output channel	8 customizable output XLR+AES/EBU, S/PDIF Digital output +stereo headphone	
Built-in signal generator	White noise/sine wave/pink noise	
Phantom Power Supply	48V, Each channel can be switched separately	
USB port function	Play and record on U disk (supporting WAV format), system update, scene import and export, external wireless USB network card	
Screen	TIPS HD touch screen, 1024x600 resolution	
AD/DA	Support up to 24Bit/48KHz	
Sampling rate	48kHz	
DSP	ADI 4th Generation SHARC processor 40 Bit floating point/450M main frequency	
Effect	8 effect modules, 2 reverberation, 2 modulation, 2 delay and 2 15-segment GEQ	
System	Professional customization of Android system	
Network	WIFI External USB wireless module	
IPAD remote control	Support	
Power supply	100-240V 50/60 Hz	100-120V50/60HZs 200-240V 50/60Hz
Dimension (LxWxH)	127x483x177mm	193x483x177mm
Net weight	4.3kg	6kg



## MIX series Analog mixer

MIX08C / MIX08CG / MIX12C  
MIX16C / MIX20C



### Introduction

This series of mixers are powerful, cost effective and reliable. It has 8CH/12CH/16CH/20CH microphone input, 100 DSP effectors and USB recording and playback functions, 4 grouping and 4 auxiliary output functions respectively, and MIX08CG has the function of installing at standard rack.

### Features

- The power supply uses built-in switching power supply with AC 100V-240V.
- Low noise and high dynamic pre-microphone amplifier;
- MIC has 48V phantom power supply to support capacitive microphone.
- The built-in digital effect device can simulate 100 sound field effects and provide a very intuitive digital display. Encoder control allows you to quickly and easily set the desired effect state.
- Built-in USB recording function, USB recording/playback signal level with adjustment control function;
- Built-in 2x9 segment graphic equalizer;
- It has 4 auxiliary outputs, 4 grouping outputs and 2 auxiliary return functions.
- 12 high precision level indicator circuits.

### Technological innovation

- The built-in digital effect device can imitate 100 sound field effects and provide a very intuitive digital display. Encoder control allows you to quickly and easily set the desired effect state.
- Built-in USB recording function, USB recording/playback signal level with adjustment control function;
- Built-in 2x9 segment graphic equalizer;
- 12 high precision level indicator circuits;
- MIX08CG has the function of installing at standard rack.



# MIX series specification

Model	MIX08C/MIX08CG	MIX12C	MIX16C	MIX20C
MIC input channel	8-ch	12-ch	16-ch	20-ch
Stereo input channel	4-ch			
AUX output function	4 group			
Frequency response	10Hz~55kHz			
Distortion(THD+N)	0.005% at + 4dBu,1kHz			
Gain range	0dB to 50dB (MIC)			
SNR	115dB			
5-band EQ: Hi	$\pm 15\text{dB}@12\text{kHz}$			
MID	$\pm 15\text{dB}@100\text{Hz}\sim 8\text{kHz}$			
HI-MID	$\pm 15\text{dB}@3\text{kHz}$			
LOW-MID	$\pm 15\text{dB}@500\text{Hz}$			
LOW	$\pm 15\text{dB}@80\text{Hz}$			
Low cut filter	75Hz,18dB/Oct			
DSP effect	Sampling rate 24-Bit, 100 kinds of sound field effects			
Max. output	Bal 27dBu, unbal 22dBu			
AUX: 22dBu	SUB GROUP:22dBu			
Power supply	100-240VAC 50/60Hz			
Dimension	430x445x105mm	535x445x105mm	645x445x105mm	735x445x105mm
Net weight	6kg	7.5kg	8.8kg	10kg
Package size	595x558x265mm	665x595x265mm	760x605x270mm	865x605x270mm
Gross weight	9kg	11kg	10.5kg	13kg
Quantity	1PCS	1PCS	1PCS	1PCS

## ■ KG series Analog mixer

5/6/8/10/16 CH compact portable mixer

**KG05 / KG06 / KG08**  
**KG10 / KG10 / Kg12 /KG16**



KG05  
KG06

KG16

KG08  
KG10  
KG12

### Introduction

- KG compact portable recording mixer with all the features and parameters of the same product, but with a higher cost-effective ratio. Features include 3 EQ, built-in channel compression, DSP effect and a versatile MP3/USB/SD card playback and recording system. USB port also connects computer playback/recording.
- There are 5, 6, 8, 10, 12, 16 input options. 5 channels with 1 microphone channel, 6 channels with 2 microphones channel, 8 channels with 4 microphones channel, 10 channels with 6 microphones channel, 12 channels with 8 microphones channel. All types have two stereo input channels.
- The input channel has 3 EQ, 2 auxiliary balanced microphone/line connectors, compressor control and a useful channel mute switch. The stereo channel is different, only 2 segments of EQ have no limiter.
- The master output is a balanced XLR, and the JACK output is used for auxiliary and control rooms and RCA recording/playback facilities.
- The USB/SD card is used for recording/playback, enabling the KG series to be used for home recording or to provide sound isolation/background music for your live performance. In order to improve the practicality of the product, an MP3 player has been added to help you perform live quickly and conveniently.
- The KG Series also has 16 high-quality DSP effect units. In addition, there is a phantom power supply for microphone channels, high quality 60mm smooth faders and switching power supply.
- The KG16 model has the following different functions
- Each channel has a monitor switch and a monitor light added to allow the DJ to detect the sound effect of each channel.
- DSP foot switch function.
- AUX2 auxiliary function.



KG16 rear panel

### Technological innovation

- KG Series mixer is compact and lightweight. MIC input channel has new microphone compression technology to keep microphone sound crisp and pleasant.
- Mixer modular design, select functions without disassembling the station, as long as the replacement module can achieve satisfactory functions, such as: MP3 playback module, Bluetooth transmission module, MP3, Bluetooth playback and USB recording module;
- The KG series mixer is lightweight, easy to handle and has the most comprehensive professional features. It can meet the requirements of these applications whether it is a solo performance or a full performance of small and medium bands.

### Features

All microphone channels have 3 EQ and 3 AUX

All microphone channels have high-pass filters and or regulated limiter

USB/SD card recording/playback

Bluetooth Playback

High quality DSP effect

Ultra compact and lightweight design

USB connector for PC playback/recording

All channels are designed with monitor and mute switches

DSP foot switch



# KG series specification

Model	KG05	KG06	KG08	KG10	KG12	KG16
Input	5	6	8	10	12	16
Mic input channel	1	2	4	6	8	12
Stereo input channel	2					
Gain	MIN - MAX					
Microphone	+6dB - +50dB					
Line	+10dB - -34dB					
Equivalent input noise	-100dB					
Frequency response	10Hz - 20kHz +1/-3					
MIC channel THD	≤0.03%					
SNR	80dB					
Output level	MAX +27(BAL)    MAX +22(UNBAL)					
Channel EQ						
Hi	12kHz					
Mid	2.5kHz					
Low	45Hz					
Low cut	/					
USB/SD/Bluetooth audio	YES					
Play						
USB/SD record	YES					
DSP effect	NO					
CEHO effect	YES					
Power supply	100V - 240V					
Dimension(WxHxD)	195x80x270mm	227x70x359mm	283x70x359mm	339x70x359mm	339x70x359mm	373x95x530mm



## CADAC Premium Analog Mixer

# LIVE1 series

Mixer for conference and performance

- CADAC1, the first dedicated mixer design for CADAC conference performance, is a fully customized, fully CADAC-featured mixer, which combines the company's excellent traditional analog engineering technology, is lightweight and economical with 16, 24 and 32 channels configuration.
- CADAC1 has developed the most modern design and production techniques to convey the unique quality and performance of compact mixers. At a certain price, CADAC mixers can adapt to new markets and different applications.
- CADAC1 has a well-known CADAC sound and engineering technology that has been used in high-end concert halls and mobile shows. The new handset design uses the latest engineering and component technology to enhance the audio performance of CADAC1 to the level of legendary large CADAC mixers, ignoring the huge price differences. Practice has proved that the dedicated CADAC4 EQ with two mid-frequency sweep points can convey a moving and beautiful sound.
- CADAC1 can be used in conference centers, bars, small theaters, rental companies, small and medium-sized mobile shows, AV exhibitions, religious places, etc. It also has unprecedented quality and flexibility in monitoring tones, organizing tones, and recording simultaneous. LIVE1 is an ideal pre-analog for digital recording workstations.
- The three CADAC1 models differ only in the number of inputs. 1642 has eight mics and four stereo channels, 2442 has 16 mics and four stereo channels, and 3242 has 24 mics and four stereo channels. CADAC11642 is a rack mounted mixer with a 19-inch rack connector. The compact body contains a large number of features, providing the best flexibility, portability, durability and excellent sound quality.



LIVE1 series



Power supply system

## Channel

- With its new high performance mic amplifier circuit, its microphone input quality and range are unparalleled in the same product, with precise adjustments from 0 to 60dB.
- 80Hz high-pass filter has 12dB octave slope.
- The ADAC4 EQ used in CADAC1 is derived from the EQ of all larger CADAC mixers. All frequencies can be enhanced/attenuated by 18dB, mono band with two mid-frequency sweep points and stereo band with four fixed frequency points. All channels have an EQ-IN switch, which can bypass the EQ part if needed.
- There are six auxiliary transmissions. In the front/back control of the master control area, the front or back fader can be selected.
- Audio-visual control and routing are completely optional for all marshalling and total volume outputs. The PFL button used for channel monitoring can be used to switch PFL or AFL, optionally from the PFL mode selection in the master control area.
- Each channel has channel mute, signal level LEDs, 100mm high quality long-range fader.





## Rear panel

The channel connection of the CADAC1 rear panel connects each mic channel with mic, line, and direct output connections. The total output connector is the balanced XLR port, and the gooseneck connector is the 3-pinXLR.

All XLR and 1/4 inch JACK sockets are of high quality/high durability type with metal housing. The XLR connector is locked to avoid any accidental disconnection.

All CADAC1 models have a durable external 2U switch mode power supply that maintains a very low noise level during operation at any voltage.



## Control area

- Level meter can choose to monitor: group/stereo return or auxiliary send level.
- CADAC1 has an amazing mono-assisted return and two stereo returns. Mono-channel assisted return each has level control, and routes to aux5 and aux6 (RTN1-4) can increase the effect to return listening.
- Stereo returns can have dedicated 100mm faders, audio-visual controls, PFL, mute, and routes to aux5 and aux6 if required. There are also four full-featured groups, each with a 100mm faders, audio-visual control, PFL and mute.
- Through a dedicated XLR socket with 48V, you can use the speaker to route to all auxiliary, all groupings, or L-R total volume outputs.
- A pair of output level meters are used to monitor the AFL/PFL signal level.
- PRE/POST Auxiliary Send Selection controls all send, allowing 6 Auxiliary Send One-Click Selections. To switch in pairs, you can choose either pre or post the fader.
- LINEIN control allows level adjustment of rear panel LINE INPUT, which can be routed to L-R total output. It is ideal for connecting sound sources for rehearsal. Other playback materials do not use stereo channels or stereo return.
- Through high quality stereo 100mm fader, mono mix selection, PFL/MUTE selection,
- A dedicated 10-segment diagram level meter provides level control and monitoring of the total output of LIVE1.

# LIVE1 series specification

Model	LIVE1 1642	LIVE1 2442	LIVE1 3242	Connector type
Input(all)	27	35	24	3 pin female XLR
Mono input with breakpoint insertion	8	16	8	1/4 inch jack port
Stereo input (line)	4	4	4	1/4 inch jack port
Stereo effect return (line)	2	2	2	1/4 inch jack port
Mono Aux return (line)	6	6	6	3 pin female XLR
Talkback microphone	1	1	1	/
Bus (all)	15	15	15	/
Sub group	4	4	4	/
Aux pre-fader(monitor)	6	6	6	/
Aux post-fader(effect)	6	6	6	/
Aux switchable pre/post fader	6	6	6	/
Master output L/R	2	2	2	/
PFL(mono)	1	1	1	/
AFL(stereo)	2	2	2	/
Output	/	/	/	/
Group with breakpoint insertion	4	4	4	1/4 inch jack port
Aux output	6	6	6	1/4 inch jack port
Master output with breakpoint insertion	2	2	2	3 pin female XLR
Monitor output	2	2	2	1/4 inch jack port
Direct output	8	16	24	1/4 inch jack port
Stereo headphone output	1	1	1	1/4 inch jack port
Extra feature	/	/	/	/
Light output(12v/5w)	2	2	2	1/4 inch jack port
19" rack option	yes	no	no	/
Channel	16(8mono 4 stereo)	24(16 mono 4 stereo)	32(24mono 4 stereo)	/
Aux	6 mono(pre/post fader switchable)			
Group	4			
Stereo effect return	2(2 stereo)			
Mono effect return	6			
Input impedance	10k Ohm digital balance			
Standard input level	0dBu			
Max. input level	+21dBu(bal) +10dBu(unbal)			
Max. output level	+21dBu			
CMRR	≥-85dB(50Hz-10kHz)			
SNR	-89dBu overall gain			
Dynamic range	110dB, 20Hz to 20kHz no weighted			
THD	0.009%@1kHz,30dB gain, +20dBu output			
Frequency response	20Hz~60kHz±10.5dB			
Crosstalk	≥-80dB 10kHz			
Phase response	5°@20Hz			
Power supply	2U 19" external power supply			