

DREAM Digital Mixer D24

D24 Digital Mixer Parameter:

- 1:24 channels Input (16 MIC, 3 stereo, sound card, /MP3+ fiber)
- 2: Input processing - input gain adjustment (electronic gain), pre amplifier, high and low pass filter, 5 segment parameter balance, noise gate, voltage limiter, delay, balance of sound and video adjustment
- 3: MIC Input digital gain
- 4:+48V phantom power (MIC channel ON/OFF independently)
- 5: Input and Output EQ ON/OFF
- 6: Channel parameter fast copy function
- 7: each channel has a multi-function menu, mute button, monitor button
- 8: each channel has 100MM motorized fader, electric frequency indicator light (20 motorized faders)
- 9:12 channels Output (stereo main Output, 10 AXU Output)
- 10: Output processing - high and low pass filter, 15 segment parameter balance, noise gate, voltage limiter, delay, phase
- 11:AUX Output(pre fader, post fader)
- 12: multi-track, multi-mode digital recording function
- 13: double row, 3 color, 12 stage level indicator light
- 14: built-in sound card (MP3, PC play music directly)
- 15:4 shortcut scene transfer mode, 20 scene storage
- 16: user parameter storage and transfer (can be managed on the PC)
- 17: built-in 2 DSP effects
- 18:7 inch 800*480 high-definition color touch screen
- 19:2 FX pedal switch interface
- 20: fiber Input and Output
- 21: multi-operating system manipulation software (IOS system, WINDOWS system), English/ Chinese display
- 22: support wired network port adjustment (or external router wireless regulation)

- 23: user definable layer
- 24: parameter locking function

Application

Live performances, auditorium, theatre, conference room, lecture hall, multi-function hall, recording studio and so on.

D24 Technical Specification:

- MIC/ line Input 1-16 balance the XLR jack
- Input sensitivity (XLR/TRS):-60 ~ +10db / -50 ~ +20db
- Electronic gain: -42 ~ +10db, 0.7 steps
- Maximum Input level (XLR/TRS):+19db/+29db
- Input impedance (XLR/TRS):>5k / >10 K
- THD+N uniform gain state 0db:0.0005%-89db (20-20KHZ, direct Output @0db 1KHZ)
- THD+N medium gain +30db:0.001-75db (20-20KHZ, direct Output @0db 1KHZ)
- Output voltage: 4V MAX
- Headphone output: 7V 220 Euro
- Enter the 5 segment full parameter Equalization: 20-20kHz, +/-12db, Q value 0.3 ~ 15.0
- Frequency band 1: selectable Lshelf, PEQ
- Frequency band 2:PEQ
- Frequency band 3:PEQ
- Frequency band 4:PEQ
- Frequency band 5: selectable Hshelf, PEQ
- Input independent delay: maximum 10ms
- Output 15 segment full parameter equalization: 20-20kHz, +/-12db, Q value 0.3 ~ 15.0
- Output independent delay: maximum 30ms
- Noise gate / voltage limiter: Switch: ON/OFF
- Threshold / ratio -50dBu ~ 6dBu / 1:1 ~ infinity
- Impact / release 1ms -127ms / 1ms -127ms
- Control: Motorized faders: 100mm
- Network: Fast Ethernet port (100 Mb/s) can be connected to a computer through CAT5 cable , to control the parameters of the digital mixer by TCP/IP or connect to the wireless router (access point), use D24 application on the iPad for on-site mixing control. The flashing of link indicator shows the activity of network.

