

DREAM Digital Mixer D20

D20 Digital Mixer Parameter:

- 1:20 channels Input (12 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 (16 motorized faders)
- 9:10 channels Output (stereo main Output, 8 AXU Output)
- 10: Output processing - high and low pass filter, 15 segment parameter balance, noise gate, voltage limiter, delay, and 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
- 19:2x 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

25:RS232 central control

Application

Live performances, auditorium, theatre, conference room, lecture hall, multi-function hall, recording studio, etc.

D20 Technical Specifications :

MIC/ line Input 1-12 balance 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

Input 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: RS232 central 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 D20 application on the iPad for on-site mixing control. The flashing of link indicator shows the activity of network.

