

# ARCTIC

Model: MX-1606D

## 16 Channels Audio Mixer



+ 48V Phantom Power



Black Light LCD Display  
For Built-in DSP Effector



3 Group 6 Segments LED Level Meter

### Features:

- 10 XLR & 1/4" TRS Balance Mic/Line Input Channels with -20db Pad Switch
- Two Stereo Line Input with -10db Pad Switch
- 3 Bands EQ for Mono Input Channels
- 2 Bands EQ for Stereo Line Input Channels
- Peak LED on All Input Channels
- +48V Phantom Power for Condenser Mic.
- Built-in DSP Effector ( 99 Presets )
- 2 AUX Send & 2 Effect Send on Mono Input Channel
- 1 AUX Return & 2 AUX Send on Main Output
- 3 Groups 6 LED Bar show the Main & SUB Output Level
- Stereo XLR Balance OUT and Unbalance SUB OUT
- Selectable Headphone Monitor Function (Main,PFL,SUB1 & 2 or SUB3&4)
- Size: W504 x H88 x D466mm
- Weight: 8.5Kg

## Specifications

Inputs	Number	Input modes	Connector	Input Impedance	Rated Input level
Microphones	10	Balanced	XLR	2Kohm	-60dB
Mono LINE IN	8	Balanced	3-poles TRS	47Kohm	-40dB
Stereo LINE IN	2	Unbalanced	2 TRS	10Kohm	-10dB
Stereo LINE IN	2	Unbalanced	2 RCA+2 TRS	10Kohm	-10dB
Stereo AUX RET	1	Unbalanced	2 TRS	10Kohm	-10dB
Stereo PLAY IN	1	Unbalanced	2 RCA	10Kohm	-10dB

Outputs	Number	Outputs modes	Connector	Outputs Impedance	Rated Output level
Stereo MAIN OUT	1	Balanced	2 XLR	150ohm	+10dB
Stereo MAIN OUT	1	Unbalanced	2 TRS	75ohm	+4dB
SUB OUT	4	Unbalanced	4 TRS	75ohm	+4dB
AUX SEND	2	Unbalanced	2 TRS	75ohm	+4dB
EFF SEND	2	Unbalanced	2 TRS	75ohm	+4dB
Stereo REC OUT	1	Unbalanced	2 RCA	10Kohm	-10dB
HEADPHONE	1	Stereo out	3-poles TRS	100ohm	3mW @36ohm

Max gain	Signal route	Conditions
76dB	MIC IN ---- MAIN OUT L/R	@620ohm Load, balanced
70dB	MIC IN ---- L/R, SUB, AUX OUT	@620ohm Load, unbalanced
78dB	MIC IN ---- EFF OUT	@620ohm Load
58dB	MIC IN ---- REC OUT	@10Kohm Load
26dB	ST LINE IN ---- MAIN OUT L/R	@620ohm Load, balanced
28dB	AUX RET ---- MAIN OUT L/R	@620ohm Load, balanced
28dB	TAPE IN ---- MAIN OUT L/R	@620ohm Load, balanced

Channel EQ	HI 12KHz	MID 2.5KHz	LOW 80Hz	max equalizing value +/-15dB
DSP digital effector	99 kinds of effect states 24bit DSP			
Total harmonic distortion	<0.1%	@+14dB	20~20000Hz	620ohm load
Frequency response	+1/-2dB	@+4dB	20~20000Hz	620ohm load
Max out level	+20dB/+26dB<balanced>		@0.5%THD	1KHz 620ohm load
Microphone preamp E.I.N	-124dB	@150ohm	, at max gain	

Type	MX1606D
Power	AC 230V, 50Hz
Power consumption	40VA
Weight (Kg)	
Dimensions(mm)	504 x 466 x 88