

IMPACT 8.4X/12.4X/16.4X/24.4X

IMPACT 8.4X 12-Channel Mic/Line Mixer with DFX

IMPACT 12.4X 16-Channel Mic/Line Mixer with DFX

IMPACT 16.4X 20-Channel Mic/Line Mixer with DFX

IMPACT 24.4X 28-Channel Mic/Line Mixer with DFX

Multiple audiophile quality, ultra-low noise Mic preamps

Wider layout with more spacing to easily find and dial in controls

16 realistic high-definition digital effects

4 AUX sends and two stereo AUX returns

Polarity reverse switch on two channels

Mono output with variable low pass filter for subwoofer



Features

- ▶ Audiophile quality & ultra low noise
- ▶ Multiple low-noise mic preamps
- ▶ Mono channels have 3-band EQ with swept mid-range, 75Hz (18 dB/octave) low-cut filter, inserts and phantom power
- ▶ Two stereo channels with 4-band EQ
- ▶ 4 AUX sends, AUX 1 & 2 with XLR and 1/4" phone output jacks
- ▶ 24-bit digital stereo multi-effect processor with 16 programs plus one main parameter control, tap control and foot switch jacks
- ▶ 2 stereo AUX returns with effect to monitor
- ▶ PAD on 4 mono channels to handle difficult signals
- ▶ Polarity reverse switch on two channels
- ▶ Main Stereo and Mono output with XLR and 1/4" phone jacks
- ▶ Mono output with variable low pass filter for subwoofer
- ▶ Tape input can be routed to AUX 1 and AUX 2
- ▶ Record output with trim control for level matching
- ▶ Mini stereo I/O for MD, MP3 player/recorder
- ▶ Built-in switching power supply with universal connector, 100-240VAC 50/60Hz

The Impact X mixers are easy-to-use mixing consoles that provide all the features you need for the project studio and live sound reinforcement. With numerous ultra-quiet Mic preamps with high head-room and phantom power, and two stereo line channels. All mono channels feature inserts and low-cut switches. A 3-band EQ with swept-mid on mono channels and 4-band EQ on stereo channels gives you greater control over your mix. Four Aux sends and two stereo Aux returns can be used to connect a variety of outboard signal processors or to create special mixes to send to the performers' monitor speakers. An onboard 24-bit stereo digital effects processor features 16 programs plus one main parameter control, tap control and foot switch jacks. Output is through XLR or 1/4" phone jacks and is selectable as stereo or mono output, with mono doubling as a subwoofer output. The added feature of mini stereo input/output makes this mixer perfect for anyone connecting MP3, MD or computer audio or recording devices. The Impact X mixers are ideal for houses of worship, small to medium-sized halls and project studios.

PHONIC

IMPACT 8.4X/12.4X/16.4X/24.4X

Specifications

	IMPACT 8.4X	IMPACT 12.4X	IMPACT 16.4X	IMPACT 24.4X
Mono input channels	8	12	16	24
Stereo input channels	2	2	2	2
Aux sends	4	4	4	4
Phantom Power Supply	+48VDC	+48VDC	+48VDC	+48VDC
Noise: 20Hz to 20KHz bandwidth, line inputs to main L/R outputs, all channels assigned, panned L/R				
Master@unity, channel fader down,	<-85dBu	<-85dBu	<-85dBu	<-85dBu
Master@unity, channel fader@unity,	<-83dBu	<-83dBu	<-83dBu	<-83dBu
S/N ration, ref to +4	>90dB	>90dB	>90dB	>90dB
THD (Any output, 1KHZ@+14dBu, 20Hz to 20KHz, channel inputs)	<0.005%	<0.005%	<0.005%	<0.005%
Frequency Response: Mic input to any output, 10Hz-30KHz				
	0/-1dB	0/-1dB	0/-1dB	0/-1dB
Maximum levels				
Mic preamp input	+10dBu	+10dBu	+10dBu	+10dBu
All other inputs	+22dBu	+22dBu	+22dBu	+22dBu
Balanced outputs	+28dBu	+28dBu	+28dBu	+28dBu
Unbalanced outputs	+22dBu	+22dBu	+22dBu	+22dBu
Impedance				
Mic preamp input	2k ohms	2k ohms	2k ohms	2k ohms
All other inputs (except inserts)	10k ohms	10k ohms	10k ohms	10k ohms
RCA ST outputs	1.1k ohms	1.1k ohms	1.1k ohms	1.1k ohms
All other outputs	100 ohms	100 ohms	100 ohms	100 ohms
Equalization				
	3-band, +/-15dB	3-band, +/-15dB	3-band, +/-15dB	3-band, +/-15dB
Low EQ	80Hz	80Hz	80Hz	80Hz
Mid EQ	100 - 8k Hz, sweepable			
Hi EQ	12KHz	12KHz	12KHz	12KHz
Low cut filter	75Hz(-18dB/oct)	75Hz(-18dB/oct)	75Hz(-18dB/oct)	75Hz(-18dB/oct)
Microphone Preamp E.L.N.				
150 ohms terminated, max gain.	<-129.5dBm	<-129.5dBm	<-129.5dBm	<-129.5dBm
Power Consumption				
	30 watts	35 watts	40 watts	50 watts
Power Requirement				
	100-240 VAC, 50/60 Hz			
Dimensions(WxDxH)				
	19.96"×16.5"×3.5" (507×418×88.56mm)	25.16"×16.5"×3.5" (639×418×88.56mm)	30.35"×16.5"×3.5" (771×418×88.56mm)	40.75"×16.5"×3.5" (1035×418×88.56mm)
Weight				
	15.4bs (35kg)	18.7lbs (41.2kg)	28.6lbs (63kg)	35.2lbs (77.5kg)