



FMX-32a 3-Channel Portable Mixer

Professional portable mixer that uses the same circuit topology found in the more expensive FMX-42 Series Mixers. With improved signal to noise ratio and wider frequency response, the new FMX-32a is designed to meet the needs of Professional Videographers. The small, all metal, battery-operated (6 "AA") mixer can be attached directly to the camera with the supplied fastener or neck worn with the optional FMX-31c carrying case. The feature rich FMX-32a has a compliment of 3 XLR microphone inputs each with 2 level settings, individual input level controls, master level control, and switchable phantom power and limiter for each input.



Front Panel (controls)



Right Side (outputs)

SPECIFICATIONS

Input		Total Performance	
MIC	XLR-3P(Female) x3 (CH 1,CH 2,CH 3)	Frequency response (CH L, CH R)	20-20,000Hz(+0/-0.5dB or less)
(Electric balance input)		Noise level (MIC 1,GAIN HI)	-120dBu (GAIN +63dB A weighted)
CH 1,CH 2,CH 3 MIC LO	Max input Max gain input impedance	Distortion	0.005% or less (+19dBu output at 1kHz)
CH 1,CH 2,CH 3 MIC HI	-20dBu +63dB 2k Ω	Phantom power source	48 \pm 1.5V
	-3dBu +45dB 2k Ω	Power	External input DC 12V /"AA" batteries x 6 pcs
Output	XLR-3P(male) X2	Power consumption	101mA(Voltage 9V, No signal input, Phantom Off)
CH L, CH R	ϕ 3.5stereo mini jack		130mA(Voltage 9V,Phantom On, 1 microphone use)
Unbalanced output	ϕ 6.3stereo jack		84mA(External input 12V, No signal input, Phantom Off)
Monitor output		Continuous battery operation time	Approx. 15 hours (with"AA"Alkaline batteries,Phantom Off)
Max. output level	+20 dBu (Loading 5k Ω)	Dimensions	170(W)x120(D)x53.5(H) mm
CH L, CH R	-19 dBu (Loading 2k Ω)	Weight	Approx 750g (exclude batteries)
Unbalanced output	+1 dBu (Loading 32 Ω)		
Monitor output			

Specification is subject to change without prior notice.

AZDEN CORPORATION

200 Valley Road, Suite 101, Mt. Arlington, NJ 07856, (973)810-3070, FAX (973)810-3076
e-mail: sales@azdencorp.com, web site: www.azdencorp.com



FMX-42/42a 4-Channel Portable Mixer



* The pictured ballistic nylon case is included.

FMX-42/42a

The most feature-laden portable audio mixer Azden has to offer. 4 XLR inputs and switchable phantom power, 2 XLR outputs plus a mini-plug output, adjustable input level monitor level and VU meters. FMX-42a adds a 10-pin and mini plug camera return.



INPUTS FMX-42A/42



OUTPUTS FMX-42a



OUTPUTS FMX-42

Specifications*

FMX 42	
Frequency Response	
Balanced and Unbalanced Output	20 Hz - 30 kHz (± 1.5 dB)
Monitor Output	30 Hz - 30 kHz (± 2 dB)
Signal-To-Noise	
Balanced Output	-120 dBu (A weighted, Input Equivalent Level)
T.H.D. Balanced Output	<0.005% @ 1 kHz (@ LINE position +19 dBu output)
Phantom Power Voltage	48V (± 4V)
Power	
Battery Requirement	6 Alkaline "AA"
Battery Runtime	Approx. 10 hours (Meter Illum. OFF/Phantom OFF)
External Power	12VDC @ 200 mA
Current Drain	155 mA (Meter Illum. OFF/Phantom OFF - @ 9V) 195 mA (Meter Illum. OFF/Phantom ON w/2-SGM-1000 - @ 9V)
Balanced Input	XLR 3-pin x 4 (CH1, 2, 3 and 4)
Level	
Line Input	
Standard	+4 dBu (electronically balanced)
Maximum	> +26 dBu
Mic (-30 position)	
Standard	-30 dBu (electronically balanced)
Maximum	+4 dBu
Mic (-50 position)	
Standard	-50 dBu (electronically balanced)
Maximum	-11 dBu
Impedance	
Line	20 k ohm
Mic	2 k ohm
High Pass Filter (HPF)	100 Hz - 6 dB/oct
Balanced Output	XLR 3-pin x 2 (Output L and R)
Unbalanced Output	3.5 mm (1/8") Stereo mini-jack
Monitor Output	6.5 mm (1/4") Stereo jack
Level	
Balanced Output	
Standard	+4 dBu (> 10 k ohm load)
	-2 dBu (600 ohm load)
Maximum	+20 dBu (>10 k ohm load)
	+13 dBu (600 ohm load)
Unbalanced Output	
Standard	-36 dBu (> 10 k ohm load)
Maximum	-20 dBu (> 10 k ohm load)
Tone Generator	1 kHz @ +4 dBu
Max Monitor Out	+1 dBu (32 ohm load)
	16-100 ohm load recommended)
Output Impedance	
Balanced	600 ohm
Unbalanced	120 ohm
Meters	
Standard Output Level	0 VU (+4 dBu)
Dimensions	56H x 220W x 150.5D mm (without protrusions)
	1.968H x 8.6614W x 5.9055D inches (without protrusions)
Weight	1400 g (without batteries) 49.3835 oz (without batteries)

* Due to constant improvements, specifications are subject to change without notice.

AZDEN CORPORATION

200 Valley Road, Suite 101, Mt. Arlington, NJ 07856, (973)810-3070, FAX (973)810-3076

e-mail: sales@azdencorp.com, web site: www.azdencorp.com