



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	-20dBu	Max input	Distortion	0.005% or less (+19dBu output at 1kHz)
		+63dB	Max gain	Phantom power source	48±1.5V
CH 1,CH 2,CH 3	MIC HI	-3dBu	input impedance	Power	External input DC 12V /"AA" batteries x 6 pcs
		+45dB	2kΩ	Power consumption	101mA(Voltage 9V, No signal input, Phantom Off)
Output	XLR-3P(male) X2				130mA(Voltage 9V,Phantom On, 1 microphone use)
CH L, CH R	φ3.5stereo mini jack				84mA(External input 12V, No signal input, Phantom Off)
Unbalanced output	φ6.3stereo jack			Continuous battery operation time	Approx. 15 hours (with"AA"Alkaline batteries,Phantom Off)
Monitor output				Dimensions	170(W)x120(D)x53.5(H) mm
Max. output level	+20 dBu (Loading 5kΩ)			Weight	Approx 750g (exclude batteries)
CH L, CH R	-19 dBu (Loading 2kΩ)				
Unbalanced output	+1 dBu (Loading 32Ω)				
Monitor output					

Specification is subject to change without prior notice.

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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)
	Maximum	-2 dBu (600 ohm load) +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)

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