

iMultiMix 9R



KEY FEATURES:

- Integrated Universal Dock for iPod
- Five high-gain mic/line preamps (XLR and ¼" balanced)
- 48V phantom power
- Aux sends and returns
- 2 band per channel EQ with High/Low shelving

GENERAL DESCRIPTION:

The iMultiMix 9R is a one-of-a-kind, rack-mounted tool for mixing and playback directly from an iPod. Video output equips the iMultiMix 9R for use in nearly any venue as the perfect audio and video playback device.

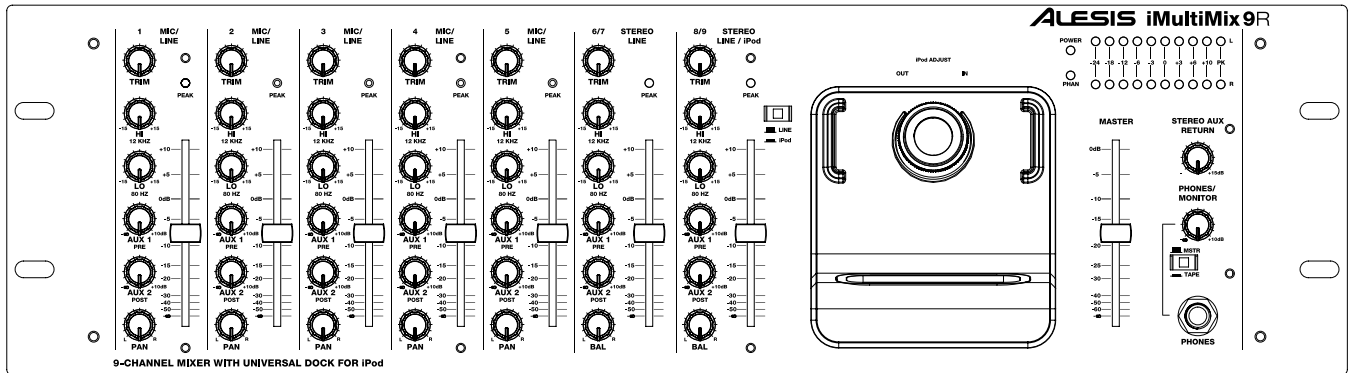
This sturdy, compact, all-in-one rack-mounted mixer with integrated iPod player features 5 mic / line inputs with inserts to allow for easy external processing of incoming channels, or iPod audio playback. The iMultiMix 9R also features 2-band per channel EQ, Mic/Line inputs and iPod playback in a single, intuitive package. The iMultiMix 9R can playback music from iPod Classic, 5th generation (video) and 2nd or 3rd generation iPod Nano. This makes the iMultiMix 9R perfect for using the iPod as a backing track for solo or band performances, while mixing sound sources all in one compact, convenient place.

The easy-to-read 60mm faders ensure clear indication of audio level every time. For ultra-clean mixing of any performance, including home studios, musicians, small or large venues, and houses of worship, the iMultiMix 9R is an ideal solution.

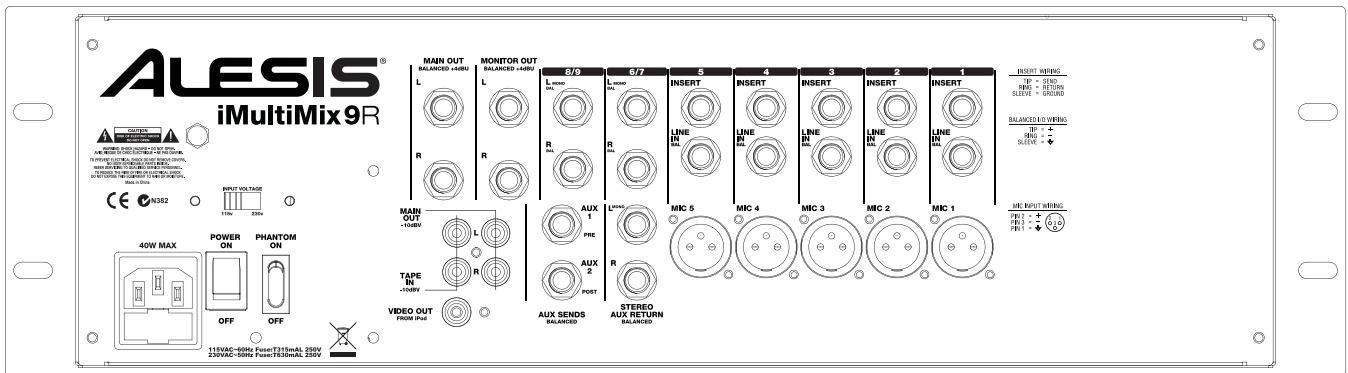
SPECIFICATIONS

DIMENSIONS	480(W) x 206(D) x 134(H)mm	
WEIGHT	4kg	
FREQUENCY RESPONSE	10 Hz – 65 kHz +0/-1 dB -3dB Point	125 kHz
CONNECTORS	MIC IN	Female XLR
	LINE IN	Female ¼" TRS
	INSERT	Female ¼" TRS
	STEREO LINE and STEREO AUX RETURN	Female ¼" TRS
	MAIN OUT BALANCED, MONITOR OUT, and AUX SEND	Female ¼" TRS
	MAIN OUT -10dBV	Female RCA
	TAPE IN	Female RCA
	VIDEO	Composite Video Female (RCA)
LEVELS	MIC IN	-60 dBu to -10 dBu nominal, maximum level +12 dBu
	LINE IN	-40 dBu to +10 dBu nominal, maximum level +32 dBu (balanced)
	STEREO LINE IN	-15 dBu to +15 dBu nominal, maximum input level +22 dBu
	MAXIMUM GAIN	+76 dB, MIC IN to MAIN OUT, balanced
	CHANNEL PEAK LED ON	+80 dB, MIC IN to MONITOR OUT, balanced or unbalanced
	METER	Peak type -24 dB to PK (+18 dB over reference at MAIN OUT, 6 dB before output clipping)
	MAIN OUT LEVEL (1/4") (when meter is at 0 VU)	+4 dBu (1.24 volts) into a balanced load -2 dBu into an unbalanced load
	MAIN OUT LEVEL (RCA)	-10 dBV (.316 volts) unbalanced
	MAXIMUM OUTPUT LEVEL	+22 dBu unbalanced, +28 dBu balanced (6 dB above PK segment of main meter)
	MONITOR OUTPUT LEVEL	Same as above, but variable following MONITOR/PHONES control
	INSERT/DIRECT OUT (tip)	Unity gain
INSERT IN (ring)	Maximum level +22 dBu	
HEADROOM	23.5 dB above nominal output	
IMPEDANCE	MIC IN	50-150 Ω nominal source impedance (presents 4 k Ω balanced load impedance)
	LINE IN	600 Ω-2 k Ω nominal (>20 k Ω load impedance)
	OUTPUTS (MAIN, AUX, and MON)	150 Ω unbalanced 300 Ω balanced 1.1 k Ω
NOISE PERFORMANCE	MIC IN to INSERT OUT	-128.5 dBu Equivalent Input Noise at maximum gain
	Residual output noise (MASTER fader at nominal, channel faders at minimum)	<-88 dBu
DISTORTION (THD+N)	Inputs, faders and trims set to unity gain, inputs terminated 150 Ω	<-85 dBu unbalanced (+22 dB max unbalanced out = 107 dB dynamic range)
	At INSERT jacks	Better than 0.0010%
	At MAIN OUT (+21dBu balanced output level)	Better than 0.0015%
POWER	U.S.A model	120 VAC, 60 Hz, 40 watts power consumption maximum
MOUNTING	19" EIA rack-mountable, 3 spaces	

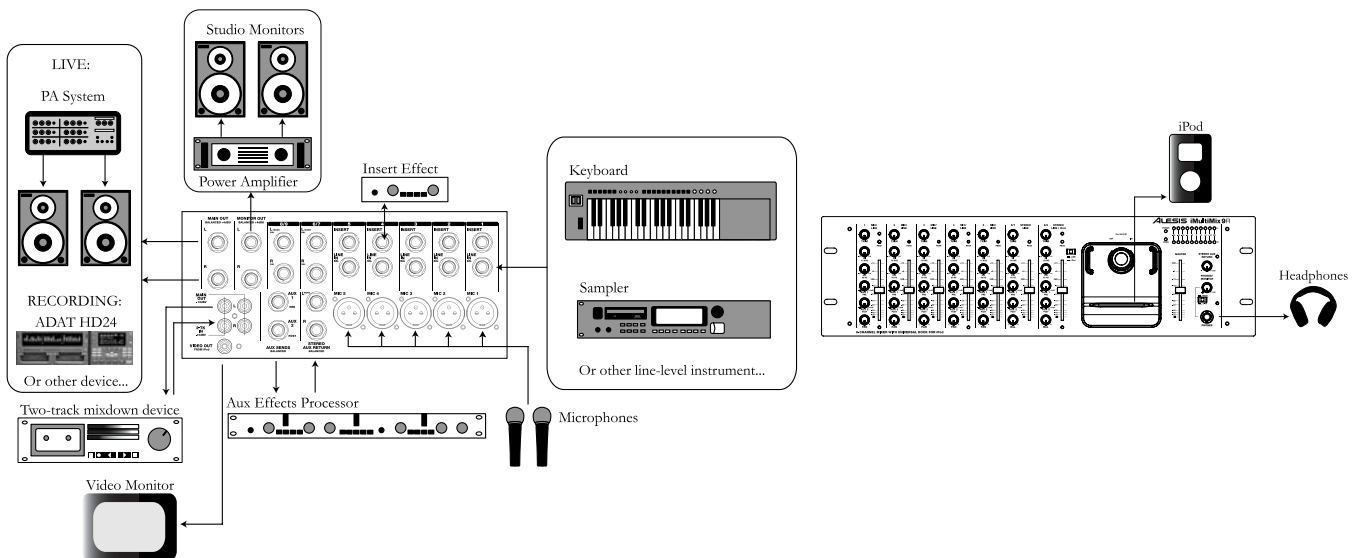
FRONT PANEL:



REAR PANEL:



HOOKUP DIAGRAM:



BLOCK DIAGRAM:

