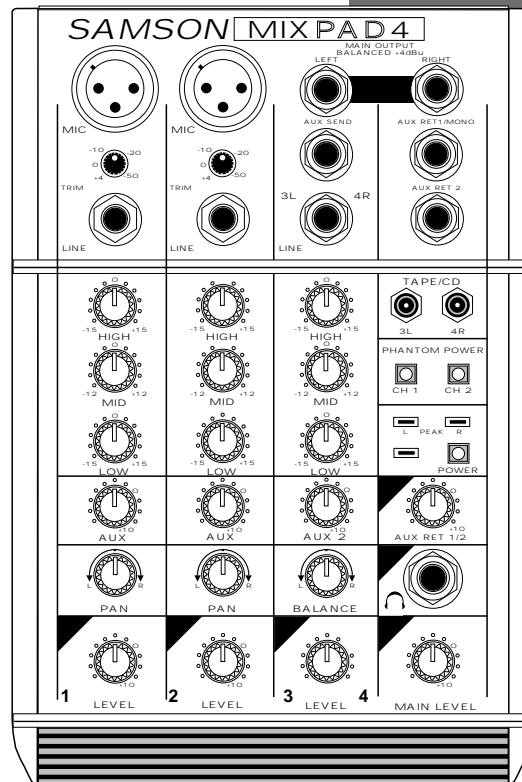


MIXPAD 4 ULTRA-COMPACT MIXER

SAMSON AUDIO



The ultra-compact MIXPAD 4 Mixer provides a 4-input stereo mic/line mixer in a very small package. Equipped with 3-band equalization and pan/balance and level controls on each channel, the MIXPAD 4 is an ideal device for ENG, field recording, broadcasting and contracting applications. It also features battery power, a front-panel stereo headphone jack, 2 electronically balanced mic/line inputs (XLR and 1/4" connectors), a stereo line input (1/4" connectors), a CD/tape input (phono connectors), 48 volt phantom power, an Aux send and a stereo Aux return (with level control which can be used as 2 mono aux returns), as well as a main level control and power and peak LEDs.

- 4-channel stereo ultra-compact mixer.
- 2 balanced monophonic mic/line channels and 1 additional stereo channel.
- Independent CD/tape input; signal is routed via channel EQ.
- Trim controls on mic input channels.
- 48 V phantom power for mic input connectors.
- 3-band equalization on all channels.
- Constant level stereo panpot on each monophonic channel.
- Left/right balance control on stereo channel.
- Aux send on each channel.
- Stereo aux return with front panel level control.
- Front-panel stereo headphone output.
- Master peak and power LEDs.
- 2 balanced main outs.
- Battery power for convenience in ENG, field broadcast and recording applications.

Contact:

ARCHITECT'S & ENGINEER'S SPECIFICATION

MIXPAD 4 SPECIFICATIONS

The mixer shall be 4 in/2 out and shall incorporate 2 monophonic and 1 stereo line input channels, including 2 microphone channels. Microphone inputs shall be on XLR-type connectors, monophonic line inputs shall be on balanced 1/4" Tip-Ring-Sleeve phone connectors, and stereo line inputs shall be on 1/4" phone connectors. An independent stereo line-level CD/tape input (routed to channels 3-4) shall be on phono connectors. Each channel shall have an Aux send, 3-band equalization and a level control. In addition, monophonic channels shall have a stereo panpot the stereo channel shall have a left/right balance control. Microphone inputs (on channels 1-2) shall have an input trim control.

The mixer shall provide main outputs on balanced 1/4" Tip-Ring-Sleeve phone connectors, effects output on 1/4" phone connectors, and a headphone output on a 1/4" Tip-Ring-Sleeve phone connector. a stereo effects return shall be provided on 1/4" phone connector, and shall have an independent level control. The mixer shall be powered either from provided mains adapter, three 9 Volt batteries or from optional battery pack. The unit shall be of an ultra-compact type and have provisions for an optional shoulder strap.

The mixer shall have residual noise of 89 dB, THD less than 0.004%, and frequency response of ± 3 dB from 10 Hz to 50 kHz. Dimensions shall be 6.5" (165 mm) wide, 9" (228 mm) deep and 2.7" (69 mm) high. Weight shall be 1.85 lb. (.839 kg). The mixer shall carry a three-year warranty.

The mixer shall be a SAMSON MIXPAD 4.

	Normal	Limit
Frequency Response (Trim @ Min, unity gain ± 3 dB)		
Mic to Main	5 Hz - 54 kHz	10 Hz - 50 kHz
Line to Main	5 Hz - 54 kHz	
Aux Return to Main	5 Hz - 98 kHz	
Line to Aux Send	5 Hz - 57 kHz	
T.H.D. (Trim @ Min, +4dBu output, unity gain, 1 kHz w/30 Hz LPF)		
Mic/Line to Main (Mono Ch)	0.02%	0.05%
Line to Main (Stereo Ch)	0.02%	0.05%
Line to Aux Send	0.02%	0.05%
Equivalent Input Noise ("A" filter on, input shorted)		
Mic	-128 dB	-128 dB
Line	-104 dB	
Maximum Voltage Gain		
Mic to Main	74 dB	
Line to Main (Mono Ch)	56 dB	
Line/Tape to Main (Stereo Ch)	34 dB	
Aux Return to Main	20 dB	
Mic to Aux Send	74 dB	
Line to Aux Send (Stereo Ch)	34 dB	
Residual Noise (30 kHz LPF, all control Min)		
Main	-89 dBu	-85 dBu
Aux Send	-86 dBu	-82 dBu
Crosstalk (@ 1 kHz w/ 30 kHz LPF)		
Ch vs. Ch	75 dB	70 dB
Input vs. Output	87.5 dB	80 dB
Peak LED Sensitivity (before clipping)	5 dB	5 \pm 2dB
Headphone output (600 ohm load)	38 mW	30 mW
Maximum Input Level (1 kHz, ± 3 dB)		
Mic Input (Mono Ch)	10.5 dBu	
Line Input (Stereo Ch)	7.6 dBu	
Input Channel Equalizer (± 2 dB)		
High (shelving)	12 kHz ± 15 dB	
Mid (peaking)	2.5 kHz ± 12 dB	
Low (shelving)	80 Hz ± 15 dB	
Dimensions (W x D x H)	163 mm x 228 mm x 69 mm (6.4" x 9" x 2.7")	
Weight	2 lbs. / 900 g.	

