

Product Spec Sheet from Rentex

Shure SCM810 8-Channel Microphone Mixer

Download Spec Sheet @ www.rentex.com/spec/MXR0805.pdf

Rentex Product No. MXR0805



Mfr Part No. SCM810

The Shure SCM810 8-Channel Microphone Mixer provides a feature set and sonic quality suitable for any sound reinforcement scenario. The SCM810 features 8 Mic/Line level inputs via removable Block Connectors. All inputs are balanced and provide phantom power for condenser microphones. There are 8 direct outputs (1 per input channel) for direct routing of incoming signal to recorders monitors etc. Low-cut filter and High-shelving EQ switches are provided on all input channels. In addition to the mixers sonic quality, the SCM810's automatic features offer complete, hands free operation between multiple microphones.

Features

- Rackmnt. Microphone Mixer
- For Sound Reinforcement
- 8 Mic Line Level Inputs
- Provides 48V Phantom Power
- Accepts Dynamic or Condenser
- 8 Direct Outputs

Detailed Specifications

Inputs	8x Removable Block Connectors, balanced microphone or line level input	Impedance	Input
Outputs	8x Direct Outputs (ch 1-8) 1/4" Phone jacks		MIC: Designed for use with 19-600 ohm load, 1.6k ohms actual, -15dBv clipping level
Monitor/ Headphone Out	1x 1/4" TRS Phone jack (Headphone)		LINE: Designed for use with - / < 2k ohm load, 10k ohms actual, +22dBV clipping level
ALT I/O	1x AUX line input 1/4" Phone (front panel) 1x Microphone Logic connection DB25 male connector		AUX: Designed for use with - / < 2k ohm load, 10k ohms actual, +22dBV clipping level
Link I/O	2x Link In / Link Out 1/4" Phone jacks		SEND/RETURN: Designed for use with - / < 2k ohm load, 10k ohms, +18dBV
Gain	Low-impedance mic (150 ohms)Input: Line 80dB, Headphones 88dB, Direct Out 34dB - Outputs Line Input: Line 40dB, Headphones 48dB, Direct Out -6dB - Outputs Aux Input: Line 44dB, Headphones 52dB, - Outputs Send/Return Input: Line 20dB, Headphones 28dB - Outputs		Output
Hum & Noise	Equivalent Input Noise: -125dBV (150 ohm source; through 400Hz - 20kHz filter); Equivalent Input Hum and Noise: -123 dBV (150 ohm source; through 20Hz - 20kHz filter); Output Hum and Noise: Master full counterclockwise -90dBV, Master full clockwise -70dBV (through 20Hz to 20kHz filter; channel controls full clockwise)		LINE: Designed for use with >600 ohm load, 60 ohms actual, +18dBV clipping level
Controls	Sealed Rotary Pots: Microphone channels 1-8, AUX input, Headphone and Master gain controls; Recessed Rotary Controls: Low Cut Filter and High- Frequency Shelving channels 1-8; Phantom Power Switches located in rear	Frequency Response	HEADPHONES: Designed for use with 8-200 ohms, 60 ohm recommended, 300 ohms actual, +12dBV clipping level
Metering	4 segment LED's	Control Voltage Out	DIRECT OUT: Designed for use with > 2k ohm load, 1k ohms actual, +18dBV clipping level
Distortion	<0.1% at +18 dBV output level, 50Hz to 20kHz	Phantom Power	SEND/RETURN: Designed for use with > 2k ohm load, 1k ohms actual, +18dBV clipping level
		Power	50Hz to 20kHz +/- 2dB; -3dB corner at 25Hz (Ref 1 kHz, channel controls centered)
		Dimensions (HxWxD)	No
		Weight	46 Vdc open-circuit through 6.8k ohms series resistance per DIN 45 596
			120 Vac rated nominal, 50/60Hz, 200mA
			1.75 x 19.13 x 12.4 (44.5 x 483 x 317mm)
			9.57 lbs (4.3kg)