



## SRP-X100

### Audio Mixer

#### Outline

The Sony SRP-X100 Audio Mixer is designed for use in business and educational applications. A total of nine stereo and monaural analog input channels are provided, with flexible routing to Master, Sub and Record outputs. Contained in a compact 1U size body, the elegantly simple design of the SRP-X100 makes operation intuitive. Sony analog audio technology provides excellent performance with high input headroom, extended frequency response, and low noise.

#### Features

- Two mono mic inputs (MONO 1 to 2)
  - +48 V supply powering
  - 100 Hz high-pass filter to reduce handling and wind noise
  - XLR input connectors
- Four mono inputs, Mic/Line switchable (MONO 3 to 6)
  - +48 V supply powering and 100 Hz high-pass filter in Mic mode
  - XLR input connectors
  - With Line Input mode selected, Channels 3 and 5 feed Left outputs, 4 and 6 feed Right outputs
- Three stereo line inputs (STEREO 1 to 3)
  - STEREO-3 configured to accept recorder output
  - Phono input connectors
- Wide, 30 dB headroom on mic inputs for simple, easy operation
- L/R Recorder bus output carries all inputs, except STEREO-3 line input to avoid feedback
- Master L and R outputs, switchable to mono outputs. XLR connectors
- Record L and R outputs, pre Master fader. Phono connectors.
- Two, mono Sub outputs
- With the rear-panel Separate switch On, only Mic signals are available from the Sub output and only the Line inputs are available from the Master outputs
- All inputs and outputs via rear-panel mounted connectors
- Wide frequency range and excellent noise performance
- 19-inch rack mountable design

# Specifications

AUDIO INPUTS					
	Connector	Channel No.	Reference level	Max. input level	Input impedance
MONO	XLR-3-31	1-2 (Mic)	-60 dBu	-30 dBu	2.2 k $\Omega$
		3-6 (Mic/Line selectable)	-60/+4 dBu	-30/+24 dBu	2.2/10 k $\Omega$
STEREO	Phono	7-9 (Line)	-10 dBu	+24 dBu	47 k $\Omega$

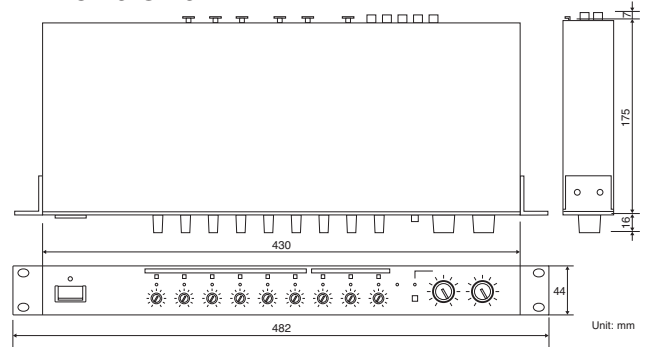
AUDIO OUTPUTS					
	Connector	Channel No.	Reference level	Max. output level	Output impedance
REC	Phono	1 Stereo	-10 dBu	+10 dBu	Less than 470 k $\Omega$
SUB	Phono	2	-5 dBu	+15 dBu	Less than 470 k $\Omega$
MASTER	XLR-3-32	1 Stereo	+4 dBu	+24 dBu	Less than 47 k $\Omega$

ELECTRICAL CHARACTERISTICS	
Frequency response	5 Hz to 100 kHz, +0.5/-2.0 dB 20 Hz to 20 kHz, +0.5/-1.0 dB
Total harmonic distortion	Less than 0.01 %, MONO IN to MASTER OUT 1 kHz, -44 dBu input Less than 0.005 %, STEREO IN to MASTER OUT 1 kHz, -10 dBu input
Different input noise	Less than -126 dBu, IHF-A, 150 $\Omega$ terminated
Residual Noise	Less than -83 dBu, Master Vol 0 position Less than -70 dB, 1 kHz, between L-R outputs
Crosstalk	Less than -80 dB, 1 kHz, between channel More than 90 dB, Channel Vol attenuation

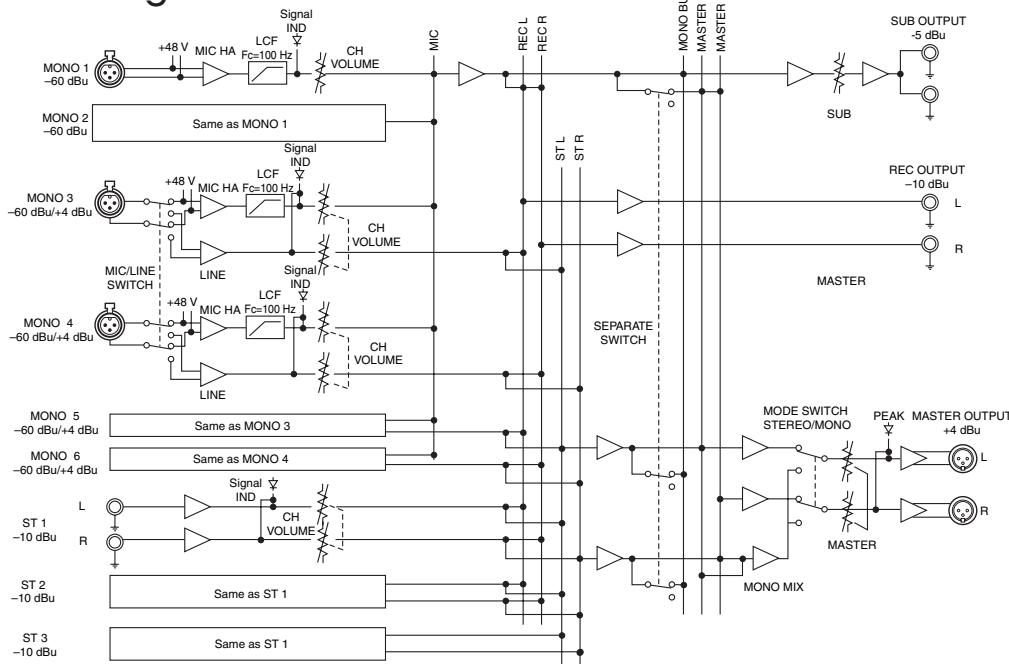
GENERAL	
Signal Indicator	Green LED indicator illuminates at -20 dB of reference level
Operating Temperature	+32 to +104 °F (0 to +40 °C)
Storage Temperature	-4 to +140 °F (-20 to +60 °C)
Power Requirements	AC 120/230 V switchable, 50/60 Hz (CED/UC2)
Power Consumption	19 W
Dimensions	19 (W) x 1 3/4 (H) x 7 (D) inches (482 x 44 x 175 mm)
Weight	5 lb 12 oz (2.6 kg)
Supplied Accessories	CED: Power cord (x 2, one each for 120 V and 230 V), operating instructions (x 1) UC2: Power cord (x 1), operating instructions (x 1)

0 dBu = 0.775 Vrms

## Dimensions



## Block Diagram



# SONY

Sony Electronics Inc.  
1 Sony Drive  
Park Ridge, NJ 07656  
www.sony.com/proaudio

A-1165 (MK07546V2)

© 2007 Sony Electronics Inc. All rights reserved.  
Reproduction in whole or in part without written permission is prohibited.  
Features and specifications are subject to change without notice.  
All non-metric weights and measurements are approximate.  
Sony is a trademark of Sony.

Printed in USA 7/07