

SONOSAX SX-S

Professional Portable Mixing Console



SWISS MADE

GENERAL DESCRIPTION

The SONOSAX SX-S Series is a line of extremely compact, portable, self-contained mixing consoles, designed for professional mobile and studio applications.

Built in a strong, rugged, anodized aluminium case, the SONOSAX SX-S Series provides the best solution whenever top performance, versatility and small size are important.

The SONOSAX SX-S Series is manufactured with no compromise on quality:

- Penny & Giles linear faders (83 mm travel)
- Gold connectors and military type components
- Sealed conductive plastic rotary switches

This, added to a modular construction, insures both high reliability and easy maintenance.

The SONOSAX SX-S series is available in three models:

- SX-S6: up to 6 channels
- SX-S8: up to 8 channels
- SX-S10: up to 10 channels

SUMMARY OF CHARACTERISTICS

Frequency resp: mic/line input: $\pm 0,5$ dB, 30 Hz–20 kHz
insert/line input: $\pm 0,2$ dB, 10 Hz–20 kHz
Gain range: 85 dB to 24 dB, 55 dB to -6 dB with
30 dB PAD ($\pm 0,5$ dB)

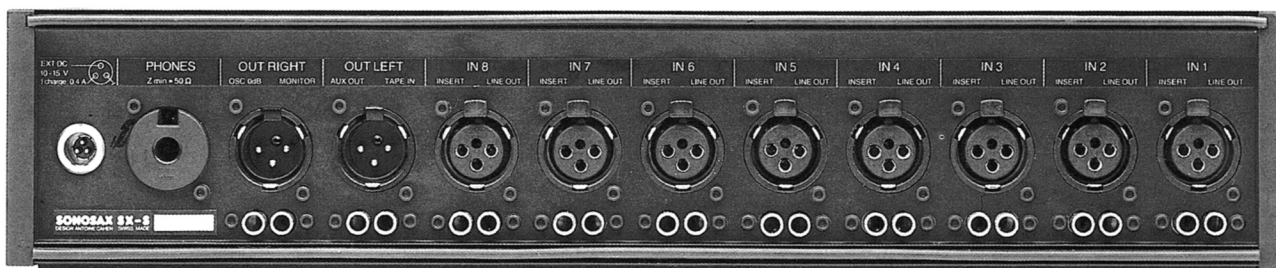
0 dBu \approx 0,775 V	LIN = 20 Hz–20 kHz			
	Gain	85 dB Fader at +10 dB	60 dB Fader at 0 dB	40 dB Fader at 0 dB
Specs.				
nom. input level	87 μ V	1,55 mV	15,5 mV	
max. input level*	2,95 mV	4,15 mV	41,5 mV	
tot. harm. dist.**	0,01%	0,01%	0,01%	
CMRR at 1 kHz	-110 dB	-110 dB	-110 dB	
CMRR**	-85 dB	-85 dB	-85 dB	
Noise LIN***	-129,2 dB	-128,8 dB	-119,5 dB	
Noise ASA A***	-131,5 dB	- 131 dB	- 121 dB	

* Provision of 8 dB before clip if limiter on ∞

** 20 Hz to 20 kHz, at max. input level

*** Equivalent input noise from 150 Ω source

REAR PANEL



SPECIFICATIONS

MIC/LINE INPUT MODULE

Mic/Line Input: balanced transformerless
Impedance: nominal 5 k Ω or
10 k Ω with 30 dB PAD
on option
R.F. Filter
Insert/Line Input: input: +6 dBu, 47 k Ω , max. +17 dBu
pre-fader: +6 dBu, 600 Ω ; max. +17 dBu
post-fader: -4 dBu, 600 Ω ; max. +17 dBu
Line Out with
fader at 0 dB:
Low Frequency Filter: 12 dB/oct, 20 Hz to 500 Hz
Low Frequency Equalizer: 4 dB/oct, ± 12 dB at 80 Hz, ± 15 dB at 40 Hz
High Frequency Equalizer: 4 dB/oct, ± 12 dB at 8 kHz, ± 15 dB at 16 kHz
Mid Sweep Equalizer: 6 dB/oct, ± 11 dB, 200 Hz to 8 kHz
Limiter: Threshold: -5 dB to ∞
Overload Indicator: 4 dB before clipping level
Mic Power Supply: Phantom +12 V and +48 V, T12V (DIN A-B)

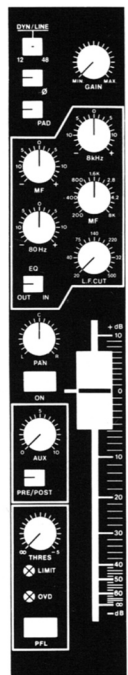
OPTIONAL TRANSFORMER LINE OUTPUT (IN PLACE OF AN INPUT MODULE)

L + R or Aux Outputs: nominal level: +6 dBu (1,55 V) or +15 dBu (4,4 V)
max: +27 dBu with 10 k Ω load
+21 dBu with 200 Ω load
Output Impedance: 50 Ω (30 Hz to 15 kHz)
Limiter: internally adjustable

MASTER MODULE AND GENERAL

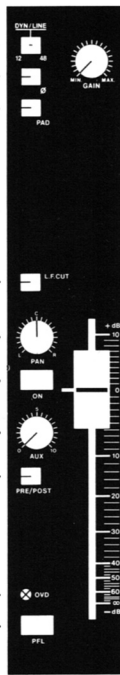
L + R Outputs: floating balanced transformerless
nominal level: +6 dBu (1,55 V)
max: +24 dBu with 10 k Ω load
+18 dBu with 600 Ω load
(to balanced input)
Aux Output: ground compensated output
nominal level: +6 dBu (1,55 V)
max: +18 dBu with 10 k Ω load
+15 dBu with 600 Ω load
Ext or Tape Return: -4 dBu, impedance 5 k Ω
Oscillator Output: 1 kHz and 10 kHz, +6 dBu with 600 Ω load
Monitor Output: +6 dBu with 10 k Ω load
Headphone Output: max. +15 dBu with 200 Ω load
Supply Voltage: 8 D cells or NiCa accumul. (SX-S6)
10 D cells or NiCa accumul. (SX-S8 or SX-S10)
External DC: 9–18 V DC (SX-S6), 11–18 V DC (SX-S8 or SX-S10)
Autonomy: >20 hours with alkaline batteries
Meter: modulometer -24 dB to +12 dB, incl. battery
test and low charge warning.
Dimensions: SX-S6: 11,3" (288 mm) x 12,6" (320 mm) x 2,84" (72 mm)
SX-S8: 14,17" (360 mm) x 12,6" (320 mm) x 2,84" (72 mm)
SX-S10: 17" (432 mm) x 12,6" (320 mm) x 2,84" (72 mm)
Total weight: SX-S6: 14,8 Lbs (6,7 kg)
SX-S8: 17,2 Lbs (7,8 kg)
SX-S10: 19 Lbs (8,6 kg)
Operating temperature: -13 $^{\circ}$ F (-25 $^{\circ}$ C) to +158 $^{\circ}$ F (+70 $^{\circ}$ C)

MIC/LINE INPUT MODULE



MIC POWER
 PHASE REVERSAL
 INPUT ATTENUATOR
 EQUALIZERS
 L.F. FILTER
 PAN POT
 MODULE POWER ON/OFF
 AUX LEVEL
 AUX PRE/POST FADER
 LIMITER THRESHOLD
 LIMITER LED
 OVERLOAD LED
 PRE-FADER LISTENING

SIMPLIFIED INPUT MODULE

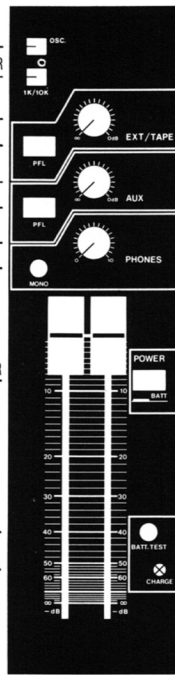


MIC/LINE
 GAIN
 PAD
 L.F. OUT
 PAN
 ON
 AUX
 PRE/POST
 PFL

P + G FADER 83 mm

MASTER MODULE

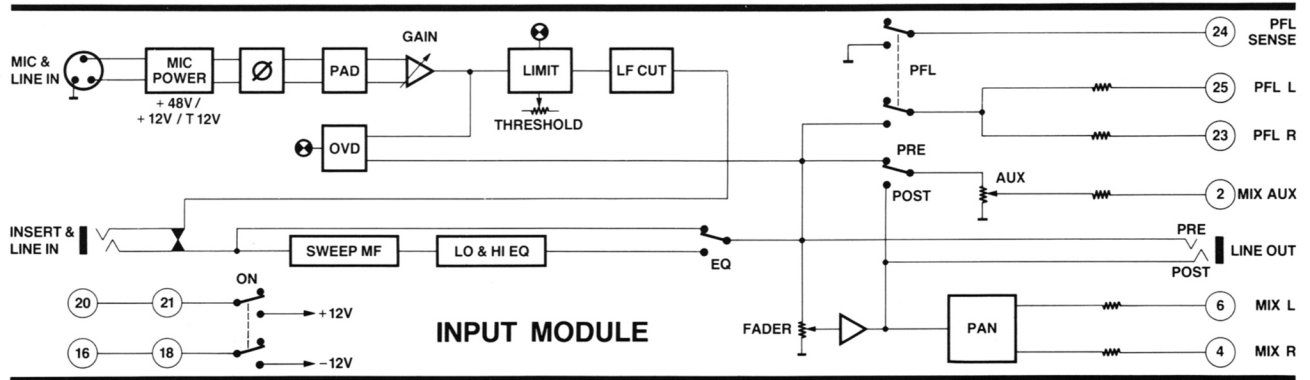
OSCILLATOR ON/OFF
 1 kHz/10 kHz OSCILLATOR
 EXT or TAPE RETURN
 AUX MASTER
 MONITOR LEVEL
 MONITOR MONO TEST
 EXTERNAL/BATT POWER
 BATTERY TEST
 BATTERY CHARGE LED



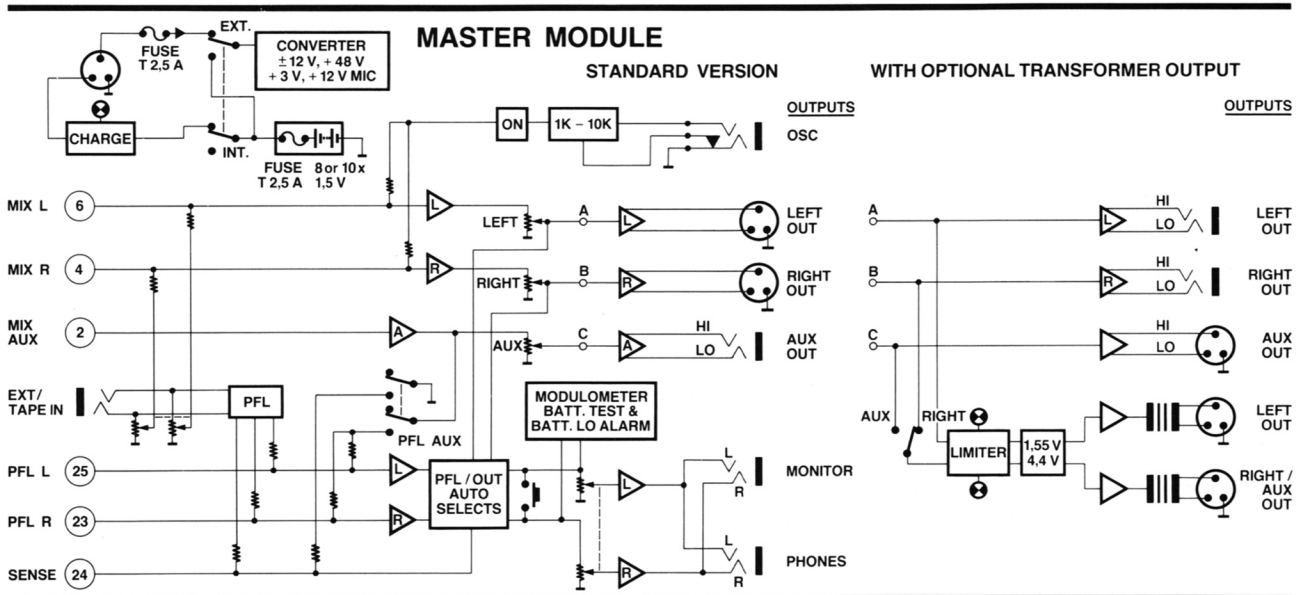
MASTER FADERS

OPTIONAL TRANSFORMER LINE OUTPUT

OUTPUT LEVEL
 LIMITER LEDS
 AUX/RIGHT SELECT



INPUT MODULE



MASTER MODULE

STANDARD VERSION

WITH OPTIONAL TRANSFORMER OUTPUT

OUTPUTS

OUTPUTS

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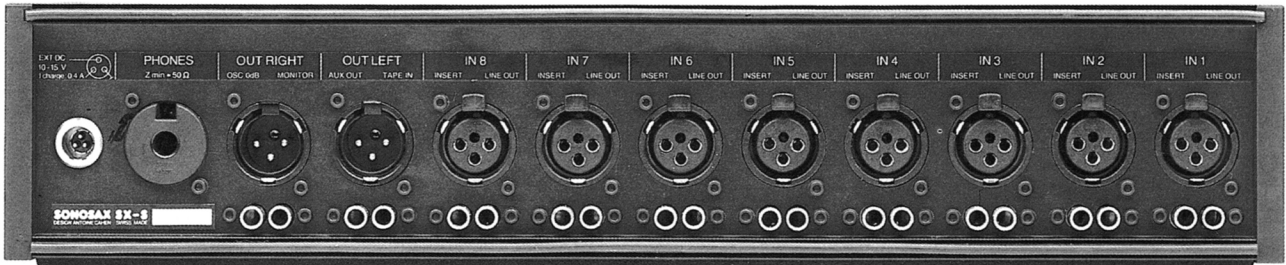
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