

SONIFEX

S2 Mixer Placement In Furniture
S2 Mixer Weights and Boxed Dimensions

Catalogue



S2-7SS Script Space

The script space occupies an area of 7 channel widths, and is designed to hold documents or scripts for the mixer operator when desk space is at a premium. The S2-7SS Script Space is 266mm wide x 390mm deep.



S2-10SS Script Space

This script space is 10 channels wide and is large enough for a small keyboard. The S2-10SS Script Space is 380mm wide x 390mm deep.



S2 Mixer Weights and Boxed Dimensions

Mixer Type	Width (cm)	Width (inches)	Depth (cm)	Depth (inches)	Height (cm)	Height (inches)	Gross Weight (kg)	Gross Weight (lbs)	Nett Weight (kg)	Nett Weight (lbs)
S2-30	137cm	53.9"	70cm	27.6"	45cm	17.7"	36kg	79lbs	32kg	70lbs
S2-25	117cm	46.0"	70cm	27.6"	45cm	17.7"	35kg	77lbs	31kg	68lbs
S2-20	100cm	39.4"	70cm	27.6"	45cm	17.7"	33kg	73lbs	29kg	64lbs
S2-15	80cm	31.5"	70cm	27.6"	45cm	17.7"	27kg	59lbs	24kg	53lbs
S2-10	60cm	23.6"	70cm	27.6"	45cm	17.7"	25kg	55lbs	22kg	48lbs
S2-05	60cm	23.6"	70cm	27.6"	45cm	17.7"	22kg	48lbs	20kg	44lbs

Technical Specification For S2

Input/Output Impedances	
Mic Input:	> 1k5Ω electronically balanced
Mono Line Input:	> 20kΩ electronically balanced
Stereo Line Input:	> 20kΩ electronically balanced
PGM & AUD Output:	< 75Ω electronically balanced
Mono Output:	< 75Ω electronically balanced
Monitor Outputs:	< 75Ω unbalanced
AES Input/Output:	110Ω
S/PDIF Input/Output:	75Ω
BNC Wordclock input:	50Ω
Input/Output Gain Range	
Mic Input:	Preset pot +13dB to +66dB ref -50dBu, TRIM pot ±12dB
Mono Line Input:	Preset pot -6dB to +10dB ref 0dBu, TRIM pot ±12dB
Stereo Line Input:	Preset pot -6dB to +10dB ref 0dBu, TRIM pot ±12dB
Telco Input:	Preset pot -6dB to +10dB ref 0dBu, TRIM pot ±12dB
Telco Output:	Preset pot -6dB to +4dB ref 0dBu
Mix Minus Input:	Preset pot -6dB to +10dB ref 0dBu, TRIM pot ±12dB
Mix Minus Output:	Preset pot -3dB to +3dB ref 0dBu
Digital Input:	0dBFS = +12dBu on input; TRIM pot ±12dB allowing 0dBu to +24dBu
Digital Output:	0dBFS = +18dBu
Frequency Response	
Mic Input:	40Hz to 20kHz, -1dB,+0dB (-3dB at 130Hz with HPF in)
Line Inputs:	20Hz to 20kHz, - 0.5dB,+0dB
RIAA Input:	30Hz to 16kHz ±1.5dB RIAA equalised
Noise (20Hz to 20kHz)	
Mic Input E.I.N.:	-129dB with 150Ω source
Stereo Inputs (fader down, no routing):	-89dB ref 0dB
Stereo Inputs (fader down, one channel routed):	-89dB

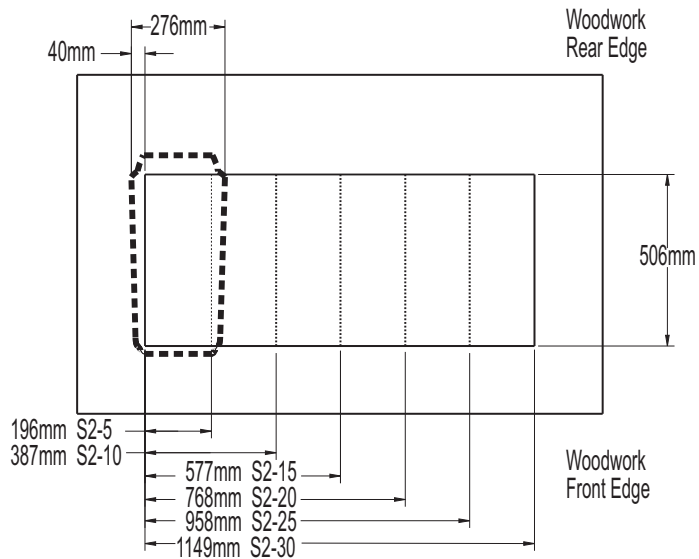
Stereo Inputs (unity gain, no routing):	-89dB
Stereo Inputs (unity gain, one channel routed):	-86dB
Stereo Inputs (unity gain, two channels routed):	-83dB
Distortion	
Total Harmonic Distortion:	0.015% at 1kHz, 0dB 0.025% at 10kHz, 0dB
Crosstalk	
Inter-channel:	< -90dBu
Stereo:	-90dBu at 1kHz
Equalisation	
LF Shelving at 100Hz:	±7dB
HF Shelving at 6.5kHz:	±7dB
Range	
Pan Range:	Pot position: Fully clockwise, centre, fully anti-clockwise; Left: Off, 0dB, +3dB; Right: +3dB, 0dB, Off respectively.
Balance Range:	±6dB
Common Mode Rejection Ratio	
Mic Input:	> 100dB at 70dB gain
Digital I/O	
Sync Input Sample Rate:	30kHz - 100kHz
Output Sample Rates (Using Onboard Clock):	32kHz, 44.1kHz, 48kHz, & 96kHz
(Using Sync Input):	30kHz - 100kHz
Output Sample Width:	16, 20, 24 bit
Output	
Headphone Output Load:	>45Ω, 400Ω recommended
Maximum Output (Analogue):	+26dBu balanced into 2kΩ or greater
Power	
Power (S2-PSU):	Filtered IEC, switchable 115V, 230V, fused, 210W max.



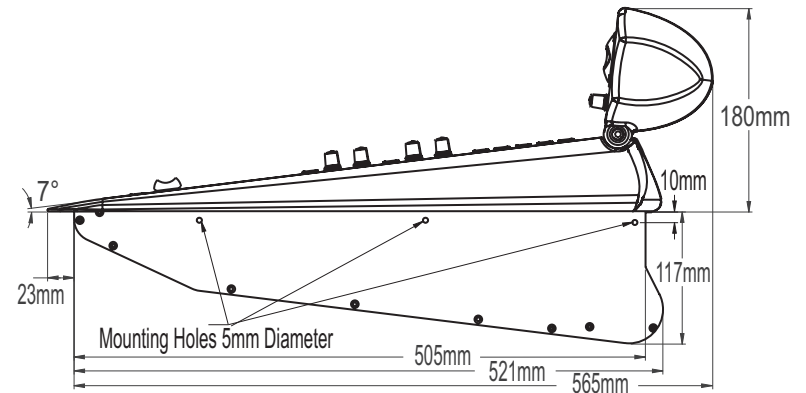
S2 Mixer Placement In Furniture



Solutions Single Mixer Furniture Package Showing an S2-25 Mixer.



S2 Placement in Cut-Out Viewed from Above.



S2 Mixer Viewed from Side Profile.

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