

SONIC STATION SERIES

Professional Analog Mixing Consoles

Sonic Station 16 | Sonic Station 22 | Sonic Station 32

Sonic Station 16

16-Mic/Line 4-Group Mixer with Dual-Position I/O Pod & DFX

Sonic Station 32

28-Mic/Line 2-Stereo 4-Bus Mixing Console with Dual DFX

Sonic Station 22

18-Mic/Line 2-Stereo 4-Bus Mixing Console with Dual DFX



Features

- ▶ 16 Microphone Preamps (Sonic Station 16)
- ▶ 20 Microphone Preamps (Sonic Station 22)
- ▶ 30 Microphone Preamps (Sonic Station 32)
- ▶ 3-band with swept mid-range channel EQ on mono channel, 4-band on stereo
- ▶ 75 Hz low-cut filter on each channel
- ▶ Numerous direct outputs for multi-track recordings
- ▶ 32/40-bit digital multi-effect processor with 16 programs plus one main parameter control, tap control and foot switch jack
- ▶ Dual EFX processors on Sonic Station 22 and Sonic Station 32
- ▶ Four true subgroups with main L and R routing switches
- ▶ Group 1-4 and Aux 1-4, Main fader and control room volume control can be swapped for monitor console use (Sonic Station 22 & 32)

- ▶ Main stereo and mono out with XLR jacks and inserts
- ▶ 12-segment master level meter
- ▶ Six 12-segment level meters for groups and AUXs (Sonic Station 22 & 32)
- ▶ On, Peak/Solo and Signal indicators on each input channel
- ▶ +48V phantom power on Mic channels
- ▶ Six AUX send mixing bus
- ▶ Mono out with variable low pass filter from 60 Hz to 160 Hz for
- ▶ Built-in talkback microphone (Sonic Station 22 & 32)
- ▶ Rec out with trim control for record level matching
- ▶ 12V BNC gooseneck lamp socket for working on dark place
- ▶ Dual-position I/O pod (Sonic Station 16)

Description

Phonic's Sonic Station mixers are bursting with inputs! Every channel has a Mic preamp with phantom power, balanced line inputs, a 3-band EQ with swept-mid (fixed on stereo channels), and six AUX sends. Mono channels have insert points for connection to external processors and direct outputs for multi-track recording (8 direct sends on Sonic Station 16). A built-in 32/40-bit digital effect processor has 16 awesome programs and one main parameter control, while a second effect processor can be found on the Sonic Station 22 and 32. A 12V BNC lamp socket provides all the light you need when working in dark environments. If you get any subsonic noise in your mix just hit the low cut filter to immediately get rid of breath pops, stage rumble and wind noise. Top it off with a dedicated mono output with a variable low pass filter for use with subwoofers, four true subgroups and record out with trim control, and you've got a perfect mixer for live events or studio mixing.

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Professional Analog Mixing Consoles

Sonic Station 16 | Sonic Station 22 | Sonic Station 32

	Sonic Station 16	Sonic Station 22	Sonic Station 32
nputs			
salanced Mic / Mono Line Channel	16	18	28
Balanced Mic/ Stereo Line Channel	-	2	2
Aic Preamps	16	20	30
ux Return	4 stereo	4 stereo	4 stereo
Tinput	Stereo RCA	Stereo RCA	Stereo RCA
Outputs			
1ain L/R Stereo	2 x XLR, 2 x 1/4" TRS	2 x XLR	2 x XLR
lain out with inserts	Yes	Yes	Yes
lain Mono	1 x XLR, 1 x 1/4" TRS	1 x XLR	1 x XLR
lain Mono out with inserts	Yes	Yes	Yes
irect outs	8	18, including pre-ch EQ switch	28, including pre-ch EQ switch
ec Out with Trim Control	Stereo RCA	Stereo RCA	Stereo RCA
TRL RM L/R	2 x 1/4" TS	2 x 1/4" TS	2 x 1/4" TS
hones	1	1	1
nannel Strips	16	20	30
ux Sends	6	6	6
an/Balance Control	Yes	Yes	Yes
nannel routing switches	Group 1/2, 3/4, Main L/R	Group 1/2, 3/4, Main Mono, Main L/R	Group 1/2, 3/4, Main Mono, Main L/R
dicators	On, Signal, Peak/Solo	On, Signal, Peak/Solo	On, Signal, Peak/Solo
olume Controls	60mm fader	60mm fader	60mm fader
laster Section			22
ux Send Masters	4	6	6
laster Aux Send Solo	4	6	6
	4		
tereo Aux Returns		4, each with aux 1-4 volume control	4, each with aux 1-4 volume control
ux Return Assign to Subgroup	1	4	4
fects Return to Monitor	3	4	4
obal PRE/POST Solo Mode	Yes	Yes	Yes
roup 1-4/Aux 1-4 Swap buttons	-	Yes	Yes
ain fader / CTRL RM volume control swap	-	Yes	Yes
uttons		Built-in, can be routed to Aux 1/2, 3/4, Main L/R & CTRL	Built-in, can be routed to Aux 1/2, 3/4, Main L/R &
Ilkback Mic	A sub-survey Main survey Main L/D	RM, or use external mic (with +48V phantom power)	RM, or use external mic (with +48V phantom pow
nders	4 subgroups, Main mono, Main L/R	4 subgroups, Main mono, Main L/R	4 subgroups, Main mono, Main L/R
etering			
umber of Channels	2	7	7
egments	12	12	12
hantom Power Supply	+48V DC	+48V DC	+48V DC
vitches fect Processor 1 (32/40-bit DSP engine)	1 16 effects with one main parameter control, tap delay	4 16 effects with one main parameter control	6 16 effects with one main parameter control
	control, foot switch (effect on/off, tap)	16 effects with one main parameter control, tap delay	16 effects with one main parameter control, tap d
ffect Processor 2 (32/40-bit DSP engine)	<u>-</u>	control, foot switch (effect on/off, tap)	control, foot switch (effect on/off, tap)
requency Response (Mic input to any output)		2/1/2	24.15
OHz to 60KHz	+0/-1 dB	+0/-1 dB	+0/-1 dB
OHz to 100KHz	+0/-3 dB	+0/-3 dB	+0/-3 dB
rosstalk (1KHz @ OdBu, 2OHz to 20KHz handw	vidth, channel in to main L/R outputs)	. 00 dp	
	- 00 AB		- 00 -10
nannel fader down, other channels at unity	<-90 dB	<-90 dB	<-90 dB
nannel fader down, other channels at unity oise (20Hz to 20KHz; measured at main outpu	ut, Channels 1-4 unit gain; EQ flat; all channels on main m	nix; channels 1/3 as far left as possible, channels 2/4 as fa	ar right as possible. Reference=+6dBu)
nannel fader down, other channels at unity oise (20Hz to 20KHz; measured at main output aster @ unity, channel fader down	ut, Channels 1-4 unit gain; EQ flat; all channels on main m -86.5 dBu	nix; channels 1/3 as far left as possible, channels 2/4 as fa -86.5 dBu	ar right as possible. Reference=+6dBu) -86.5 dBu
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nannel fader down, other channels at unity pise (20Hz to 20KHz; measured at main outpu aster @ unity, channel fader down aster @ unity, channel fader @ unity N Ratio, ref to +4	ut, Channels 1-4 unit gain; EQ flat; all channels on main m -86.5 dBu	nix; channels 1/3 as far left as possible, channels 2/4 as fa -86.5 dBu	ar right as possible. Reference=+6dBu) -86.5 dBu
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