



SG1603U

ANALOG MIXING CONSOLE



Built-in Digital Effects

For musical and non-musical applications alike, effects processing adds polish and professionalism to the mix. The SG models features digital multi-effect processor, offering a comprehensive suite of 16 digital effects perfect for enhancing your mix, whether adding depth to a speaking engagement or breathing new color and atmosphere into a live band performance. In particular, the high-quality reverb and delay expand the spatial quality of the sound with remarkable realism and naturalness.

Switchable Phantom Power & PAD Switch

With phantom power, SG Series consoles allow you to take full advantage of the greater frequency response and high sound quality of condenser microphones. The input channel with PAD switch accepts MIC to line level of inputs, PAD Switch attenuates high input signals that often accompany mic'ed instruments during performance, avoiding the clipping that can seriously affect your mix.

Metal Chassis

Built to last, SG Series mixers feature a rugged, impact-resistant, powder-coated metal chassis, offering an unrivalled level of durability. With a sleek design contoured for optimal convection cooling, the internal layout separates the power supply from the analog circuitry for superior noise reduction, and further extends the life of the components inside.

Internal Universal Power Supply

Thanks to a highly-efficient internal universal power supply, SG Series consoles offer worry-free operation in any region. An internal power supply also simplifies rack mounting of the console for installed applications, eliminating the need for a bulky adapter or additional connections.

Dual Graphic EQ

The new Dual Graphic EQ feature 7 band modes separate for Left and Right and can easily be controlled. This Dual GEQ is used in pro-level SG series consoles to provide the user control of different frequencies with a graphical representation.

USB playback and recording

Gone are the days when sophisticated technology was required. With the SG series, you can play background music or halftime music using a simple off-the-shelf USB flash drive loaded with playlists. What's more, the SG series can record live performances directly to a USB flash drive, making it incredibly easy to relive your performances.

Bluetooth connection

No cables, no problems. The SG series brings a rare convenience experience. It can wirelessly play audio from Bluetooth-enabled devices, play backing tracks with just a few devices or even just a mixer, and get the party done.

XLR Connectors

The main stereo outputs feature XLR type connectors that lock to prevent accidental disconnection. Rugged and dependable, these professional connectors ensure providing stable signal transmission even in the most demanding environments.



AERONS (INDIA)

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KEY FEATURES

- 16 Mic/Line channel +1 Stereo channel mixing console.
- Rugged, stable, high quality analog mixers with user-friendly construction & aesthetically designed side panels.
- Build in 16-bit digital DSP effect.
- 3 Band EQ per channel.
- Dual 7 band GEQ with individual on/off switch.
- High quality MP3 player with display and direct Recording function.
- Built-in Bluetooth wireless streaming from smartphones, tablets, and laptops.
- 16 mic/line (mono) input with combo jack + 1 stereo input.
- USB port for MP3, recording and connecting computer with mixer.
- Smooth premium-quality faders.
- 3 aux sending and 1 Return
- Robust metal construction for tour-grade build quality and reliability.
- Signal & clip LED indication for master level.
- Peak LED indication per channel.
- Each channel with mute, Solo and PAD switch.
- Headphone monitor output.
- Each channel with individual +48v Phantom switch and LED.
- Separate switch to change mode from stereo to MP3.
- Direct subwoofer output jack with gain and tune control nobs.
- Each channel has gain control, 3 band EQ control, AUX 1,2,3 control, FX control and L/R PAN control.
- Individual faders for AUX 1,2,3. Control nobs for Return, FX to AUX1, FX to AUX2 and headphone.



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DIMENSIONS



EFFECTS

01. HALL1	05. REVERB +DELAY	09. 285MS DELAY	13. 1400MS DELAY
02. HALL2	06. 125MS DELAY	10. 560MS DELAY	14. 800MS PING PENG DELAY
03. ROOM1	07. 175MS DELAY	11. 860MS DELAY	15. 1000MS PING PENG DELAY
04. ROOM2	08. 225MS DELAY	12. 1000MS DELAY	16. 1400MS PING PENG DELAY

TECHNICAL SPECIFICATIONS

MODEL NO	SG1603U
MIC (Gain Min/Gain Max)	+14db/+60db
LINE (Gain Min/Gain Max)	6dbDB /+38db
MAIN OUTPUT LEVEL (Nominal/Max)	+28DB balanced
FREQUENCY RESPONSE	10HZ to 80KHzm +-3DB
TOTAL HARMONIC DISTORTION	0.01% at +4DBu,1KHz, Bandwidth 80KHz
SIGNAL TO NOISE RATIO	+115DB, all channels at Unity Gain
CLIP INDICATION	0DBu
EQUALISATION(HIGH/MID/LOW)	12KHZ+- 15DB /2.5HZ+- 15DB /80HZ+-15DB
INPUT LEVEL SENSITIVITY	-55DBu
INPUT IMPEDANCE	MIC 2Kohms/LINE 15 Kohms
POWER SUPPLY	35W
DIMENSIONS	(W)727mm X (D)478mm X (H)117mm



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