

Orb 622 SC

DESCRIPTION :

The SM Professional Orb 622 SC is a compact 6 channel live mixer from the premium Orb series mixing consoles.

Featuring 6 mic inputs, 2 AUX busses, One Knob Compressors (on 2 channels), USB media player with Bluetooth, dual USB audio interface phantom power supply and more, the Orb 622 SC is a value-driven console for compact mixing applications.



FEATURES :

- 6 channels: 6 mic / 8 line inputs.
- MON: Ster (mono-stereo) inputs for full flexibility.
- One Knob Compressor on 2 channels.
- Ultra low-noise preamps with wide headroom and dynamic range.
- Built-in multi-EFX processor with 24 DSP presets and editable parameters.
- Provisions to route EFX to monitor via Aux 1.
- Built-in USB MP3 media player and recorder with Bluetooth.
- Dual USB audio interface with plug & play connectivity for recording and playback using a PC.
- 75Hz low cut on all channels.
- 3-band EQ on all inputs.
- 2 Aux sends - 2 pre/post and 1 post / EFX.
- Stereo AUX returns.
- Balanced XLR and 1/4" jack main outputs.
- 2 sub groups with individual 1/4" outputs.
- Insert (send/return) on the first 2 mono channels and main output.
- Mute, solo, group (G1-G2) and main (L-R) routing per channel.
- Peak, comp, mute and solo LEDs per channel.
- Comp LED on first two mono channels.
- Stereo RCA input and record output.
- Headphone output with level control.
- Globally switched +48V phantom power supply.
- Responsive 60mm faders.
- Dual 10-segment LED meter for main, group and solo outputs.
- Ergonomic angled-design for better visibility.
- Clutter-free rear panel input and output connectivity.

SPECIFICATIONS :

Series	Orb Series
Nominal Gain (Mic / Line / Stereo Line)	60dB / 40dB / 20dB
Max Gain (Mic/Line/Stereo Line)	80dB / 60dB / 40dB
Mic (Gain Min / Gain Max)	-10dBu / -60dBu
Line (Gain Min / Gain Max)	+10dBu / -40dBu
Stereo Line (Gain Min / Gain Max)	+10dBu / -20dBu
Aux Return (Nominal / Max)	-10dBu / +30dBu
Main Output (Nominal / Max)	0dBu (0.775V RMS) / +20dBu (7.75V RMS) Max
Insert In/Out (Nominal / Max)	0dBu (0.775V RMS) / +20dBu (7.75V RMS) Max
Mic Input Impedance	5 KOhm Balanced
Line Input Impedance	20KOhm Balanced / 10KOhm Unbalanced
Frequency Response	20Hz-20kHz (+0 / -1dB)
Total Harmonic Distortion	< 0.02%
Mono MIC (Hi / Hi-Mid / Low-Mid / Low)	±15dB @ 12kHz / 2.5kHz / 400Hz / 80Hz
Main Out/Group Out	-80dB
Stereo Line (Hi / Hi-Mid / Low-Mid / Low)	±15dB @ 12kHz / 2.5kHz / 400Hz / 80Hz
Dimensions (W x D x H) mm	370 x 355 x 100
Net Weight (Kg)	4

Specifications from the official SM Professional literature. Issued for customer reference.