

Orb 402 SC

4 channel mixer

DESCRIPTION :

The Orb 402 SC is compact 4 channel mixer with dual functionality of playback and recording on a pen drive or on a PC via USB audio interface, DSP-based multi-EFX processor and host of professional-grade features ergonomically-designed for creators.



FEATURES :

- 2 mic/line & 1 stereo input.
- Gain with ultra low-noise preamps with wide headroom and dynamic range
- 3-band EQ on all inputs.
- Insert (send/return) on mono channels.
- 2 AUX send outputs.
- PAN/BAL (L/R), Peak (clip) LED and responsive faders.
- Built-in multi-EFX processor with 24 DSP presets and editable parameters.
- Provisions to route EFX to monitors via AUX 1 send.
- USB MP3 media player & recorder with Bluetooth.
- Dual USB audio interface with plug & play connectivity for recording and playback using a PC.
- ¼" jack main output.
- Stereo RCA record output.
- ¼" headphone output with level control.
- Globally switched +48V Phantom power supply.
- Dual 5-segment LED meter for monitoring.
- Angled design, classy side cheeks and compact form factor for desktop use
- Ideal for musicians, podcasters, content creators, YouTubers, audio conferencing applications and more.

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 (Gain Min /Gain Max)	+10dBu / -20dBu
Aux Return (Nominal / Max)	-10dBu / +30dBu

Main Output level (Nominal / Max)	0dB / +20dB
Insert In/Out (Nominal / Max)	0dB / +20dB
Mic Input Impedance	3 KOhm Balanced
Line Input Impedance	20KOhm Balanced / 10kHz Unbalanced
Frequency Response	20Hz-20kHz (+0 / -1dB)
MIC EIN (Equivalent Input Noise)	-128dB
Main Out/Group Out	-80dB
Dimension (W x D X H) mm	274 x 285 x 90
Net Weight	1.9
Mono MIC (Hi / Mid / Low)	±15dB @ 12kHz / 2.5kHz / 80Hz
Stereo Line (Hi / Mid / Low)	±15dB @ 12kHz / 2.5kHz / 80Hz

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