

Orb 2442

Mixer



FEATURES :

- 24 mic / 28 line inputs
- MON: Ster (mono-stereo) inputs for full flexibility.
- Ultra low-noise preamps with wide headroom and dynamic range.
- 75Hz low cut on mono channels.
- 4-band EQ on all inputs.
- 6 Aux sends - 4 pre/post and 2 post.
- 4 sub groups with individual 14" outputs.
- Insert (send/return) on first 6 mono channels and main output.
- Globally switched +48V phantom power supply.
- Responsive 60mm faders.
- One Knob Compressor on channels 1-10.
- Dual multi-EFX processor with 24 DSP presets and editable parameters.
- Provisions to route EFX to monitor via Aux 1 and Aux 2.
- Built-in USB MP3 media player and recorder with Bluetooth.
- USB audio interface with plug & play connectivity for recording and playback using a PC.
- Level control, 2-band EQ with internal/external media input selection.
- Stereo AUX returns.
- Balanced XLR and 14" jack main outputs.

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
Mono MIC (Hi / Hi-Mid / Low-Mid / Low)	±15dB @ 12kHz / 2.5kHz / 400Hz / 80Hz

Stereo Line (Hi / Hi-Mid / Low-Mid / Low)	±15dB @ 12kHz / 2.5kHz / 400Hz / 80Hz
Mic Input Impedance	5 KOhm Balanced
Line Input Impedance	20KOhm Balanced / 10KOhm Unbalanced
Frequency Response	20Hz-20kHz (+0 / -1dB)
Total Harmonic Distortion	< 0.02%
MIC EIN (Equivalent Input Noise)	-128dB
Main Out/Group Out	-80dB
Dimension (W x D X H) mm	1070 x 490 x 160
Net Weight (Kg)	14

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