

Orb 1202 SC

DESCRIPTION :

The SM Professional Orb series is a range of premium mixing consoles integrating state-of-the-art One Knob compression, DSP-based multi-EFX processor, built-in USB MP3 media player and recorder and a host of inputs, outputs and routing options.



FEATURES :

- 12 mic / 14 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.
- 4 AUX controls on each channel. AUX 3 with Pre/post selection.
- 2 sub groups with individual 14" outputs.
- Insert (send/return) on first 4 mono channels and main output.
- Split +48V phantom power supply from CH 1-6 & CH 7-12
- Responsive 60mm faders.
- One Knob Compressor on channels 1-5
- Rich 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 with recorder and Bluetooth.
- Level control, 2-band EQ with internal/external media input selection.
- Stereo AUX returns.
- Balanced XLR and 14" jack main outputs.
- Mute, solo, group (G1-G2) and main (L-R) routing per channel.
- Peak, comp, mute and solo LEDs per channel.
- Stereo RCA input and record output.
- Headphone output with level control.
- 7-band (stereo) graphic equalizer on main output.
- 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
Number of Inputs	12 mic / 14 line input

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%
MIC EIN (Equivalent Input Noise)	-128dB
Main Out/Group Out	-80dB
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
Dimensions (W x D x H) mm	615 x 490 x 160
Net Weight (Kg)	8

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