



Area 5.1

The Area 5.1 is a 5.1 surround microphone preamplifier featuring five matched high precision gain stage preamplifiers with motorized master/slave mic gain controls, a Sub/LFE stage to determine the composition of the sub signal and stereo downmix stages for each channel. A monitor stage allows on-location monitoring with stereo headphones.

The complete Area 5.1 system contains the Area 5.1 unit and the both optionally available SPL MA 5 mic array and multicore lead. Though the Area 5.1 preamplifier could be used with any microphone setup, the combination with the MA 5 is recommended. This setup has proven in various live and studio situations to be perfect in capturing the 5.1 sound image of a preferred "listener's position", while its versatility is exceeded only by its ease of use.

Generally any digital or analog recording system can be connected to the analog 1/4" unbalanced jack or balanced XLR outputs of the Area 5.1.

If for example, an eight-track DTRS is employed, the first five tracks can be used for the L, C, R, SL and SR channels, the sub bass signal should be routed to the 6th track while track 7 and 8 can be used to record the stereo mix-down.

Features

- Matched audiophile preamplifiers (pad, phase reverse, 48V power supply, Lundahl input transformers)
- High precision motorized master/slave mic gain controls
- Stereo downmix stages for 5.1 and stereo recordings in parallel
- Suited for any microphone type (matched mics recommended)
- First discrete 5.1 system for motion recordings with optional SPL MA 5 mic array.

Specifications

| | |
|------------------------------|---|
| Frequency Response:..... | 10 Hz-50 kHz |
| Common Mode Rejection:..... | 10 kHz:→-60dB |
| THD & N | |
| Amplification: | A weighted: |
| 20dB | -97.1 dBu |
| 40dB | -91.1 dBu |
| 65dB | -71.0 dBu |
| Dynamic Response:..... | 119 dB |
| Max. Output Level XLR /Jack: | +20 dBu |
| Output Impedance: | ←75 Ohm |
| Housing: | Standard EIA 19"/3U 482 x 132 x 237 mm |
| Weight: | 7.3 kg |

Area 5.1 Rear Front

