



buzzaudio SSA1.1

Stereo Source Amplifier

All the essential ingredients assembled into an economical package make the SSA1.1 an affordable solution in obtaining hi-fi studio quality recordings. The perfect integration of Class A and solid state circuitry results in a low noise high definition signal path for all microphones and musical instruments.

Low Noise, Clean and Transparent Reproduction of all Studio Sources

DESIGN FEATURES

- Up to 65dB mic gain makes the SSA1.1 suitable for use with most ribbon or low output microphones.
- Class A amplified Microphone input (stolen from the Buzz Audio MA2.2). Bootstapped Class A Pick Up input buffer amplifier.
- Attention to power supply design with separate regulation for the input and output sections as well as for each channel.
- Dedicated Hi-Z front panel Instrument input, auto switching from Mic when jack inserted.
- No switching at input levels, your signal hits the front end amps directly - no matter what settings you have.
- Useful 18dB per octave 50Hz high pass filter with Bessel alignment.
- Soft start +48V phantom power switch.

APPLICATIONS

Music recording, voice recording, post production and foley stages, home, project or pro studios, broadcast.

SPECIFICATIONS

MIC INPUT-

Gain Range: +9dB to +65dB.
 Maximum Input Level: +14dBu.
 Input Impedance: 3k ohms.
 Frequency Response: 3Hz to 200kHz @ 30dB gain.
 Harmonic Distortion: <0.01%, 100Hz to 10kHz.
 Input EIN: -133.5dB, A wtg, 150 ohms source Z.
 Signal to Noise Ratio: -74dB, A wtg, input shorted.
 CMNR: less than 70dB 100Hz to 10kHz.

PICK UP INPUT-

Gain Range: 0dB to +40dB.
 Maximum Input Level: +10dBu (0.1% THD).
 Input Impedance: 1 Meg ohms.
 Frequency Response: 4Hz to 200kHz @ 30dB gain.
 Harmonic Distortion: <0.015%, 100Hz to 10kHz.
 Signal to Noise Ratio: -76dB, A wtg input shorted.

COMMON SPECS-

Maximum Output Level: +24dBu into 3k ohm load.
 Channel to Channel Crosstalk: below noise.
 Mains: 115/230 selectable, IEC fused inlet.
 Package: 1U rack mnt (482Wx44Hx250D) 4.5 kgs

CONTROLS

Gain (separate for Mic & Pickup), Phase Reverse, Mute, Mic Gain Boost (+15dB), Mic Phantom Power, High Pass Filter (50Hz @ 18dB/oct Bessel). Peak Level Indicator @ +18dBu (adjustable). Hard/Soft Earth switch on rear panel.

OPTIONS

SOWTER type 8403-X output transformers.

CONNECTORS

Mic In - XLR3F, PU In - 1/4" jack unbalanced.
Line Out - XLR3M and TRS 1/4" balanced.



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