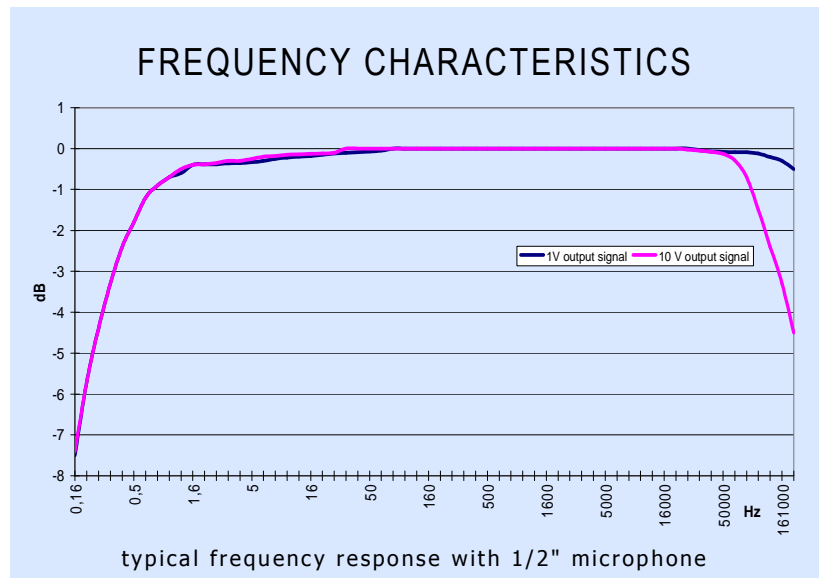


SV 01A

1/2" Microphone preamplifier

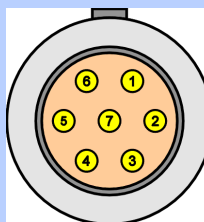
The SV 01A is 1/2" condenser microphone preamplifier. The unit meets the IEC 1094 standard requirements for the measuring microphones. The SV 01A preamplifier is dedicated for the SVAN 912AE sound analyser. The rugged stainless steel case and ceramic electronic board ensure maximum reliability and high performance.



TECHNICAL SPECIFICATIONS

Frequency range	1 Hz ÷ 200 kHz
Input impedance	24 GΩ / 2.5 pF
Output	Connector Lemo 7-pin (FGG.1B.307), impedance 50 Ω
Noise	A weighted: <3.5 μV RMS
Linearity	less than 6 μV RMS (1 Hz ÷ 20 kHz; microphone equivalent)
Gain	- 0.3 dB
Power supply	28 V / 0.8 mA
Environmental conditions	Temperature -10 °C to 60°C (storage -30 °C to 70°C) Humidity up to 95 % RH, non condensed
Dimensions	Diameter: 12.7 mm (1/2"), Length: 120 mm
Weight	approx. 60 grams

Connector description
(type LEMO FGG.1B.307)



Pin number	Signal
1	Not connected
2	Ground
3	+200 V
4	Signal output
5	NC
6	+28 V
7	Supply ground
Case	Signal ground