



V2359j amp4ribbon - microphone preamp api ® 500 System

The V2359j ribbon microphone preamplifier enables the universal adaptation of passive sound transducers (ribbon, moving coil, carbon, piezo, crystal microphone) to the program material and the recording situation. With continuously adjustable pre-amplification in the range of 26 dB to 59 dB and a switchable pre-attenuation (pad) of -15 dB (optionally -20 dB), the development of exotic sound transducers has also been taken into account.

A special feature is the stepless impedance adjustment from 150 ohms to 22 kOhms. The linear transfer function can be optimized here by changing the load impedance. Targeted mismatching of the impedance turns the V2359j into a powerful creative tool for creating special sound effects.

The tonal adjustment for the high frequency range is carried by a Baxandall tone control, in the mids by a quasi-parametric equalizer and for the low frequencies by means of a high-pass filter. All filter parameters can be changed continuously in using faders or potentiometers. The effect of the set filters can be checked quickly at any time using a bypass switch.

The V2359j can be integrated in any api 500 ® environment. High-quality ALPHA ® potentiometers and faders as well as the illuminated eao ® pressure switches and the gold-plated connection strip guarantee long, trouble-free operation of the device in continuous use.

As all Roger Schult products, the V2359j amp4ribbon is hand-crafted and precision-engineered in Germany.

Technical Data

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Basic gain (V), rotary control	26 dB - 59 dB
Pre-damping (pad), pressure switch	-15 dB with impedance fixed to 2 kHz (optionally -20 dB)
Impedance matching, rotary control	150 Ohms to 22 kOhms
Low frequency (LF) equalization/high pass, fader	0 to -17dB @ 20 Hz
Mid frequency (MF) / semi-parametric EQ	155 Hz - 3.5 kHz
MF range	+/- 10 dB
Quality (Q) Q-factor control of mid band filter	0.4/0.7 fixed and 2.4 - 4 adjustable
High frequency equalization (HF)	+/- 12 dB @ 9 kHz
Phantom power (+48 V), pressure switch	+ 48 V (with impedance fixed to 22 kHz)
Disable all filter effects (bypass filter)	white illuminated pressure switch
Input - electronically balanced	
Reference input level	+6 dBu
Maximum input level	+20 dBu
Output - electronically balanced	
Reference output level	+6 dBu
Maximum output level	+26 dBu (0.008% THD+N)
Output impedance	40 Ohm
Gain at linear setting	0 dB (+0.1 / -0.2 dB)
Harmonic distortion	THD+N / 0 dBu 0.007% / 83 dB
Frequency range	20 Hz - 40 kHz (+/- 0.1 dB)
Delay time of hard bypass relais	max. 3 ms
Power supply	+/- 16V / max.120 mA
Module dimensions	115 mm x 172 mm (HxT)
Faceplate dimensions	19" / 3 RU, 1.5" x 5.25" (BxH)
Faceplate finish	Aluminium, black anodized (optionally. silver)
Weight	0.343 kg
Optionally in housing	0.577 kg



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