



Amplifier Module RS V2350 (api 500® - system)

The RS V2350 is an amplifying module for a wide range of signal sources. Whether balanced, unbalanced, high or low level, using the RS V2350 all input signals can be smoothly adapted to studio level. The continuously working impedance potentiometer allows for optimal adjustment of signal sources from 10 kOhms up to 260 kOhms. The impedance pot works logarithmically, and its range can be increased by a factor four up to 1 MOhm.

The central mode switch function of the RS V2350 guarantees fast and comfortable work by selecting the signal source and the amplification in steps of 10 dB. With a separate level control, an additional fine adjustment within these 10 dB steps can be made in ¼ steps.

The RSV2350 module is aligned with the api® 500 series and can be integrated in any api® environment. High-quality ALPS® potentiometers and step switches from ELMA® ensure a long-term usage of the units in continuous operation. For the alignment of different studio environments, level matching can be adjusted with a variable resistor on the printboard.

As all Roger Schult products, the V2350 is hand-crafted and precision-engineered in Germany.

Technical Data

07 / 2012

Gain control
Impedance potentiometer

max. +10 dB within ¼ dB resolution
10 kOhm - 260 kOhm / (1040 kOhm)

„Modus“ - switch function
(functions listed clockwise)

Balanced input
off
Unbalanced input
PU (turntable)
Zx4, impedance potentiometer
MC, switch

+40 dB, +30 dB, +20 dB, +10 dB, 0 dB, -10 dB
Ein und Ausgänge per Relais gekoppelt
+10 dB, +20 dB, +30 dB
RIAA equalization, 75 / 318 / 3180 µs
expansion of impedance to 1 MOhm
PU choose MM / MC

Input - electronically balanced

Nominal input level
Maximum input level (mode switch 0dB)
Input impedance „Z“
Zx4 switch activated

+6 dBu
+14 dBu
10 kOhm - 260 kOhm
40 kOhm - 1040 kOhm

Output - electronically balanced

Reference output level
Maximum output level
Output impedance
Gain at linear setting
Unweighted signal-to-noise ratio
Noise level (UWTD / WTD)
Harmonic distortion

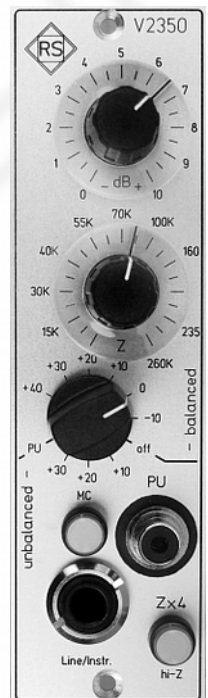
+6 dBu
+27 dBu (0.05% THD+N)
140 Ohm / optional 40 Ohm
0 dB at 1 kHz (+0.1 / -0.2 dB)
< 100 dB
< 70 dBq / < 75 dBq
THD+N / 0 dBu 0.009%

Frequency range
Delay time of hard bypass relays
Power supply

20 Hz - 40 kHz (+ 0.1 / - 0.2 dB)
max. 5ms
+/- 16V / max.120mA

Module dimensions
Faceplate dimensions
Faceplate finish
Weight

115 mm x 172 mm (height x depth)
1.5" x 5.25" (width x height) / 3RU
aluminium, chromated
0.35kg



V2350