

## PRODUCT INFORMATION

# SV-737

## Hybrid Integrated Amplifier

Our tubeLine is welcoming a new addition in the form of a hybrid integrated amplifier. What's new, compared to our other models, is a WiFi and a Bluetooth port.

The SV-737 can be connected to the home network via the WiFi function, meaning it can support streaming and, for example, play music files stored on a NAS.

In addition, the SV-737 sets new standards in terms of circuitry. The SV-737 is an integrated amplifier with two amplifier sections – pre-amplifier and power amplifier – that have been matched perfectly to one other. "Perfectly" here indicates that the combination of both amplifier characteristics ensures maximum transparency and spectral stability for the audio output. Keywords for technicians here include ear-friendly spectrum with k2 dominance in the typical dynamic range with regard to frequency and power.



Both amplifier sections are recent developments:

From the preamplifier SA-T7, the basic principle of two gain blocks with embedded, switchable tone control has been adopted for the tube pre-amplifier. In contrast to the SV-237MK, an additional tube system has been provided per channel, so that now two double triodes per channel with a total of four systems are in use. The voltage amplification is provided by the 6N2P-EV manufactured according to military specifications, which has a characteristic curve that is similar to the well-known ECC83 or 12AX7 yet more linear. In addition, the 6N2P-EV is particularly low-microphone and low-noise. With its high-current cathodes, the 6N1P takes over the function of the driver and buffer stage in the proven manner. Also from the SA-T7, the proven regulation of the high voltage for the tube amplifier has been adopted: A voltage reference tube 85A2, originally developed for professional measurement technology, provides a low-noise and almost hum-free supply voltage in combination with a semiconductor regulator.

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The power amplifier is based on the SV-237MK, but some important details have been further developed. For example, the circuitry of the input cascode has been optimised to ensure even better transient response of the output stage at complex loads. The output power has also been increased. In combination with the tube pre-amplifier, the result is a reproduction spectrum similar to that of very good single-ended triode amplifiers – at a much higher level of performance and purity.

Despite the carefully designed combination of both amplifier parts, the connection between these amplifiers can be disconnected externally and, if necessary, an external DSP can be inserted for room correction. Due to the output impedance of the tube pre-amplifier, which is again significantly reduced compared to the SV-237MK, it can provide a neutral sound when driving common connection cables and input impedances, e.g. of the DSP.



SV-737



Connections

## SPECIFICATIONS

Frequency Response:	20 Hz – 20 kHz $\pm$ 0.3 dB 20 Hz – 50 kHz $\pm$ 1 dB
Output Power RMS / 8 Ohm:	2 x 180 Watt
Output Power RMS / 4 Ohm:	2 x 300 Watt
Output Power Class A / 8 Ohm:	2 x 10 Watt
Harmonic Distortion:	< 0.02%
Input Sensitivity:	300mV
Signal-Noise Ratio:	> 90 dB
Input Impedance:	47 kOhm
Inputs:	6 x Stereo RCA, 2 x Optisch, 2 x Coaxial, 1 x Stereo Main In
Outputs:	1 x RCA Stereo Rec Out, 1 x RCA Stereo Pre Out, 2 x 3,5 mm Jack (Power Control), 4 x 2 Speaker Terminal
Tubes:	2 x 6N1P, 2 x 6N2P, 1 x 85A2
Playable Digital Formats:	WAV, FLAC, APE, LPCM, MP3, ACC, AC3, WMA
Max. Power Consumption:	590 Watt
Dimensions (W x H x D):	430 x 165 x 430 mm
Weight:	21 kg
Colour:	Black or Silver

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**tubeLine**

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