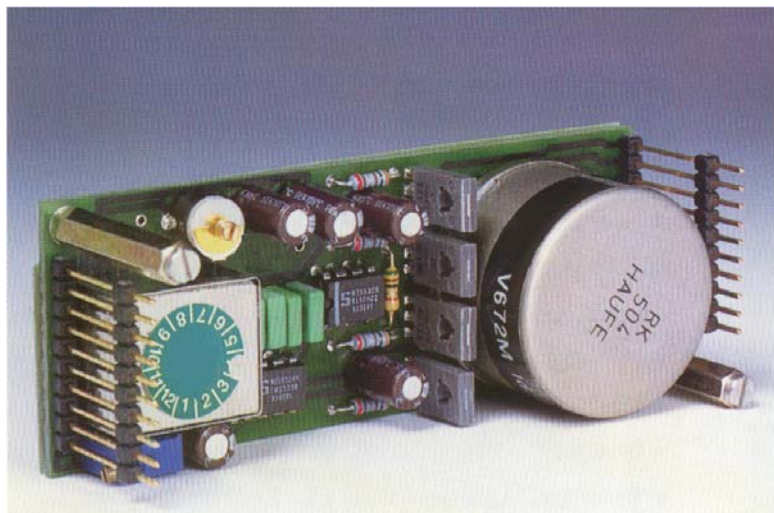


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Universal amplifier module V 672M (V 672MTC)



Specifications

Universal amplifier module V672M (V672MTC)

Studio amplifier with additional junction input

General information:

The V672M is an amplifier for the german product requirement specifications 3/5.

It is implemented as a plug board for the modular amplifier system MVS.

On the carrier board TP600 the V672M needs one place. It can be mounted up to 4 pieces V672M.

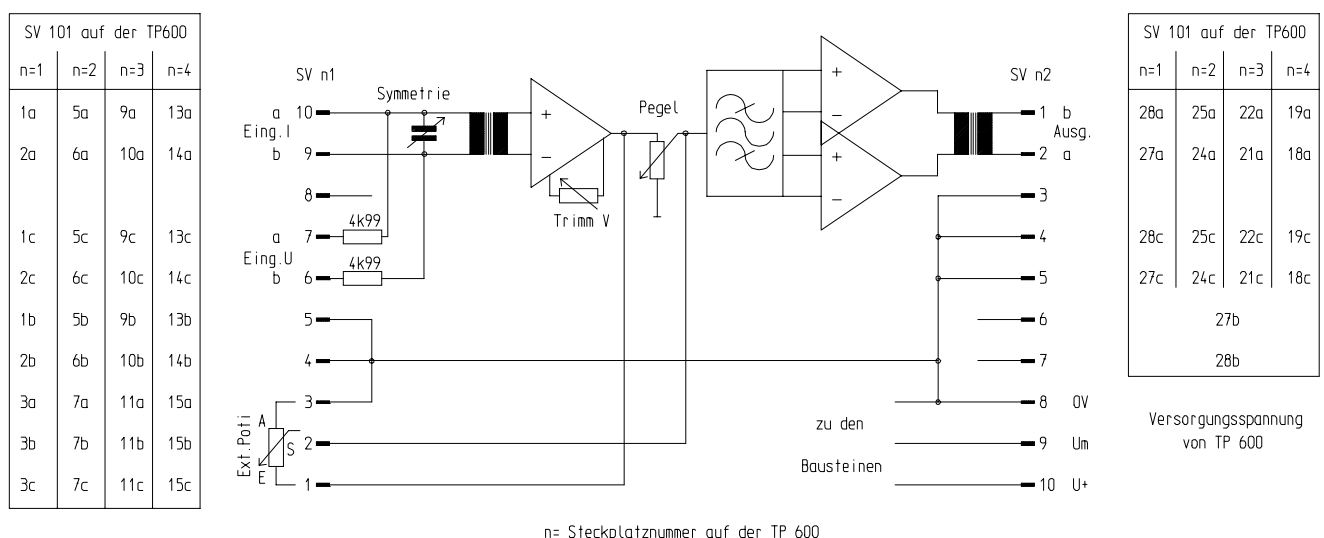
The voltage supply of the module effected from the filter circuit on the board.

A universal studio amplifier with additional junction input (optionally available as variant V672MTC)

- Input balanced, floating
- Additional junction input balanced, floating
- Input level nominal +6dBu
- Output level nominal +6 dBu
- Max. Output level +22 dBu
- Gain adjustment with trimpot +4dB to -40dB
- Operating voltage 24V
- Optionally as timecode amplifier

Please take further technical data from the data sheet.

Block diagram V672M (V672MTC)



Universal amplifier module V672M (V672MTC)

Input	input balanced, floating additional junction input balanced, floating serie resistor Re 2x 4,99 kOhm input impedance >9,8 kOhm,
Input common mode rejection	>60dB, adjustable
Gain	with trimpot adjustable +2 dB to -40 dB, 0 dB with serie resistor Re 2x 4,99 kOhm,
Output	1x balanced, floating
Output level	+6 dBu nominal level, +22 dBu max.
Output impedance	<40 Ohm (40Hz - 15kHz)
Output terminating resistance	>300 Ohm; capacitive load 10KOhm // 22 nF
Output level 672MTC	input level ca.6 Vss, a limiter take the output level constant input level max. 15 Vss - output level ca. 6,2 Vss
Resistance to short-circuitst	with Pin +6 dBu, >15 min
Phantom level resistance	input and output
Noise level	>54dB (Pin +22dBu, 10kOhm load, 40Hz - 5kHz, 24V)
Frequency response	+1,0 dB 40Hz to 15kHz with filter +0,3 dB 40Hz to 15kHz without filter V672MTC up to 250 kHz
Junction return loss	>90 dB (15kHz, 40Ohm source)
Noise Voltage Suppression at f-noise=15 kHz at f-noise=7 kHz	< -89 (-86) dBqps 1 channel, V= 0dB < -83 dBqps 20 channels connected < -95 (-90) dBqps 1 channel, V= 0dB < -89 dBqps 20 channels connected (*) = V672MTC.
Dimensions	1 place on TP 600, W/H/D ca. 95 x 36 x 27mm
Current consumption	20 mA static current, nominal level ca. 30 mA 85 mA with max. level +22dBu, 300 Ohm load
Weight	100g
Temperature note	-10°C to +60°C

Order Information:

V672M Amplifier module 1 channel Order-No. 304010