



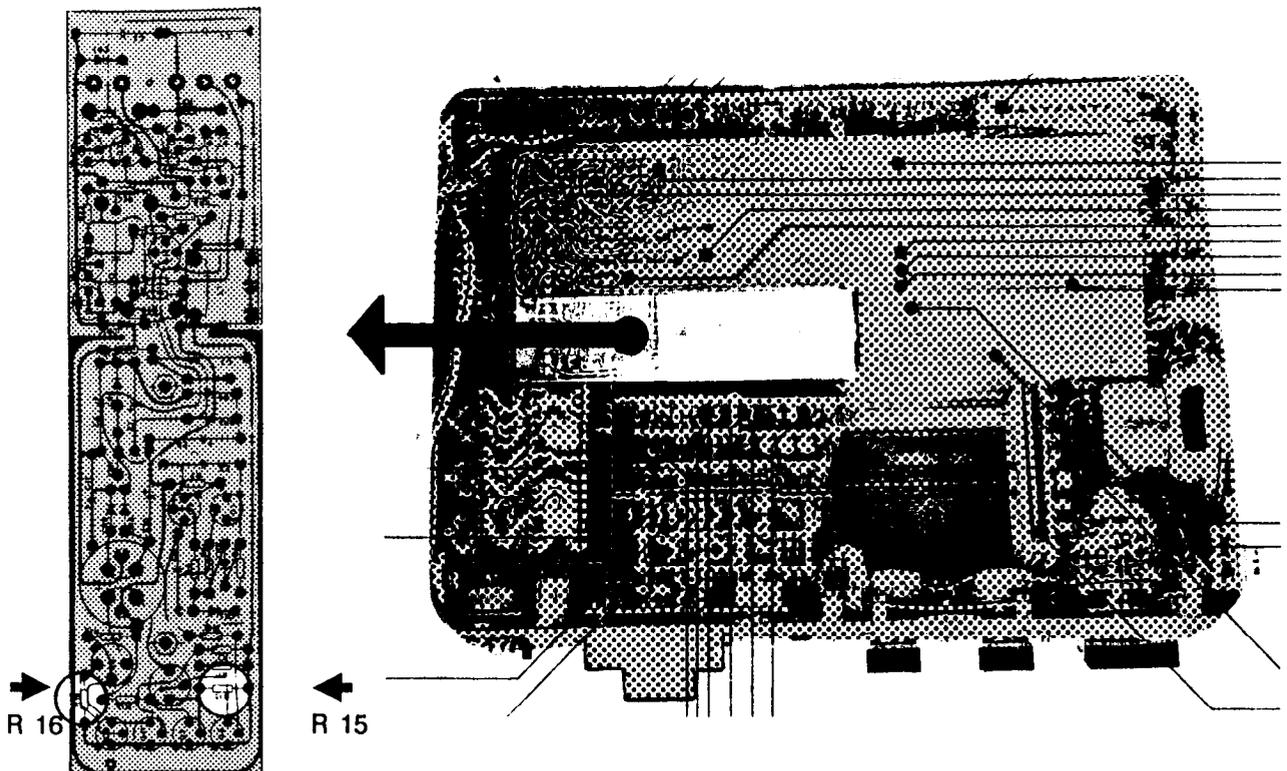
## Operating two microphones of the **fet 100** Series (e.g. two TLM 170 or an RSM 190/191) with the Stereo-Nagra IV

Microphones of the **fet 100** Series are operated with P 48 phantom powering, 2 mA. Upon switching on, the current drain may be momentarily higher, especially with the RSM 190/191 shotgun stereo microphone system.

When such microphones are connected to the **Stereo-Nagra IV**, it may occur that they do not function correctly or even at all; in some cases, oscillation is also apparent. The power supply in this unit is of a very low order, and the control circuit in the microphone tries to obtain the necessary operating current despite a possible breakdown of the supply voltage.

Messrs Nagra Kudelski have now come up with a circuit modification with which the current supply to microphones of the **fet 100** series is assured.

This modification can also be easily carried out in the field on existing units by changing the two resistors **R 15** and **R 16** shown in the sketch from 10 ohms to 6.8 ohms.



Resistors to be exchanged

Position of power supply module