Title (en)

Remote control of phantom power supplied microphones

Title (de)

Fernsteuerung von phantomgespeisten Mikrofonen

Title (fr)

Télécommande de microphones à alimentation fantôme

Publication

EP 1585359 A1 20051012 (EN)

Application

EP 04450074 A 20040330

Priority

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Abstract (en)

The invention relates to a method for the remote control of a microphone, which comprises at least one microphone capsule (9), and at least one additional power receiver, selected from the group of audio amplifiers (10), power supply circuits (11), processors, control electronics (39), A/D and D/A converters (44, 46), LED displays (25), etc., and whose energy supply occurs by a phantom power unit (31) through the cable conductors (1, 2) of the audio cable, the so-called phantom power supply. <??>The invention is characterized in that a frequency-modulated voltage is applied as a control signal to at least one of the two cable conductors (1, 2) through which the phantom power supply also occurs, and in that the frequency-modulated voltage, on the microphone side, is applied to a control electronics (39), for example a microcontroller or a CPLD, which sends commands to individual power receivers according to the frequency-modulated control signals. <IMAGE>

IPC 1-7

H04R 1/04; H04R 3/00

IPC 8 full level

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CPC (source: EP)

H04R 1/04 (2013.01)

Citation (search report)

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