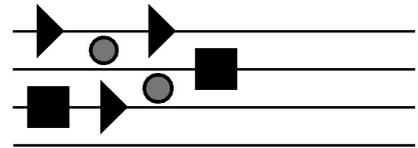




**drefahaudio**



[www.drefahaudio.com](http://www.drefahaudio.com)

Peter Drefahl

Konstanz - Germany

tel 07531-51405

info@drefahaudio.com

## PGK

### 48-to-12V Phantom Power Converter for Gefell/RFT Microphones

The PGK is a compact powering converter for Gefell and RFT microphones specified for 12V phantom power. It eliminates bulky mains power supplies and powers the microphone from standard 48V phantom inputs without hassle. Other than certain adaptor cables on the market, it convinces by its bullet-proof design, lowest noise and reliable overvolt protection. The latter is essential, as internal components of the microphone - and nickel capsules in particular - may suffer fatal damage if overcharged.

#### Compatibility

The PGK has been thoroughly tested with Gefell's MV690, MV691 and MV692, while being compatible also with the related handheld PM models. Due to its low current consumption, it can also be used with P48 sources not fully compliant with DIN/AES standards in terms of supply current.

#### Connection

The PGK connects to the preamplifier with a standard XLR cable. The mic cable connects to a 3-pin Minituchel socket, in order to prevent it from being plugged into 48V directly by accident. Thus, original mic cables are to be fitted with the mating plug available on request. Cable length is not critical, so the PGK can be inserted anywhere in the mic line.

#### Technical Specifications

Input voltage:	+48V Phantom as per DIN/EN 61938 (3,3mA typ.)
Output voltage:	+12V phantom power as per Gefell/RFT specs
Frequency range:	10Hz...30kHz/-1.5dB typ.
Microphone connector:	3-pin Minituchel
Signal output:	XLR-3 male (2=+, 3=-, 1= ground/case)
Case:	cast aluminium, powder-coated
Dimensions:	97x39x32 mm
Weight:	146g approx.