ELA-PU1 Interface Module

Signal Converter

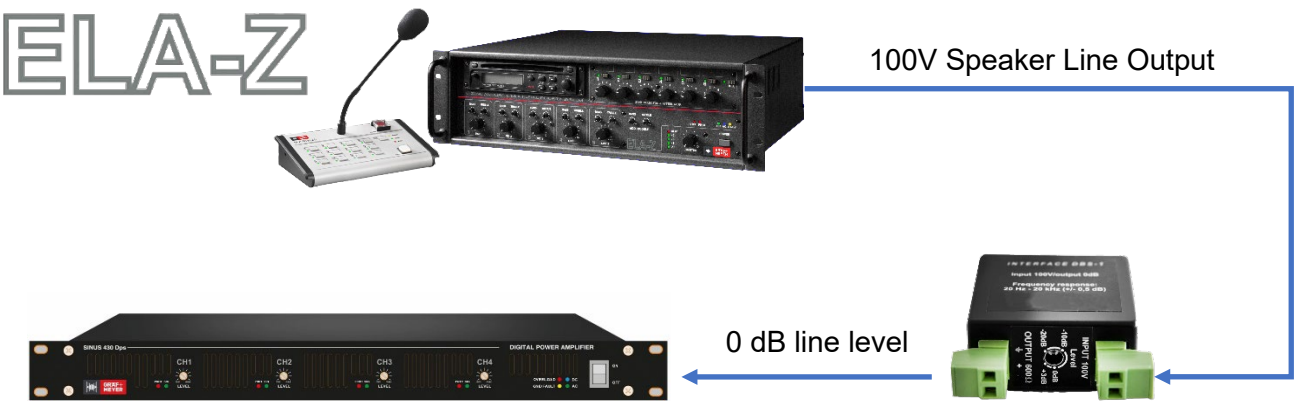
100V
Speaker lines

0 dB audio signal

The compact ELA-PU1 interface module serves as a signal converter from a 100V loudspeaker output line to line-level. This enables audio connection even over longer cable runs.

With a frequency response ranging from 20 Hz to 20 kHz and a total harmonic distortion of less than 0.005 at 1 kHz, excellent audio transmission is guaranteed. The level can be adjusted between -20 dB and +3 dB.

The following figure shows an example of audio transmission between the ELA-Z digital control panel and the SINUS 430 dps digital expansion amplifier.



Key Features:

- Adjustment control (trimmer) from -20 dB to +3 dB
- Frequency range 20 Hz – 20 kHz
- Total Harmonic Distortion (THD+N) less than 0.005 @ 1 kHz