



GMS 2130

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Technical Data

Monitor amplifier

Input signals:

analog to max. +27 dBu, 10 Hz ... 20 kHz
 digital 0.5 Vpp ... 7 Vpp
 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz und 192 kHz
 analog: 20 kΩ at 1 kHz, symmetrical
 digital: 110 Ω XLR, symmetrical
 2 analog stereo channels, symmetrical, XLR female
 3 digital AES/EBU channels, symmetrical, XLR female
 1 analog stereo channel, symmetrical G3P (2x Ghilmetti 3 pole)
 1 digital AES/EBU channel, symmetrical G3P (1x Ghilmetti 3 pole)
 1 analog stereo channel, symmetrical XLR male
 1 digital AES/EBU channel, symmetrical XLR male

Gain between input and output:

analog: 0 dB ± 0.1 dB
 2x10 W

Power output:

Analog inputs and outputs

No. of stereo inputs

a-b-s, rear side, 2 symmetrical, XLR female
 a-b-s, front side, 1 symmetrical, G3P

Input impedance

a-b, 20 kΩ at 1 kHz
 a-s, 10 kΩ at 1 kHz
 b-s, 10 kΩ at 1 kHz

No. of stereo outputs

a-b-s, rear side, 1 symmetrical, XLR male

Output impedance

a-b, 60 Ω at 1 kHz
 a-s, 30 Ω at 1 kHz
 b-s, 30 Ω at 1 kHz

Digital inputs and outputs

No. of inputs

a-b-s, rear side, 3 symmetrical, XLR female

Input impedance

a-b-s, front side, 1 symmetrical, G3P

No. of outputs

110 Ω XLR, galvanically separated

Output impedance

a-b-s, back side, 1 symmetrical, XLR male
 110 Ω XLR, galvanically separated

Analog input → Analog output

Gain (20 Hz-20 kHz)

0 dB ± 0.3 dB, chosen input to output

Signal-to-noise ratio

> 80 dB at 1 kHz and 0 dBu input signal

Cross talk attenuation

> 80 dB at 1 kHz

Switch off attenuation

> 90 dB at 1 kHz, and 0 dBu input signal

Electrical distortion factor

< 0.1 % at 1 kHz and 0 dBu input signal

Digital input → Analog output

Gain (50 Hz-20 kHz)

0 dB ± 0.3 dB, chosen input to output

Signal-to-noise ratio

> 75 dB at 1 kHz and 15 dBFS input signal

Cross talk attenuation

> 90 dB at 1 kHz

Switch off attenuation

> 100 dB at 1 kHz and 15 dBFS input signal

Electrical distortion factor

< 0.1 % at 1 kHz and 15 dBFS input signal

Loudspeaker amplifiers

Power output

midrange driver, tweeter max. 10 W per channel

Acoustic frequency range (± 5 dB)

80 Hz ... 16 kHz, measured at 60 cm distance

Digital analog converter

Resolution

24 bits

Sample rate

32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz and 192 kHz

Indicators

Level range:

-60 dBu ... +24 dBu, scale specific labels available

Indication modes:

Peak & fast Mode, Peak only, Level only, Peak & level

Phase:

7 LEDs: -1 ... +1

AES/EBU:

Locked, Error

General

Operating voltage:

90 VAC ... 267 VAC, 47 ... 63 Hz

Power:

60 Wmax.

Operation temperature:

0 °C ... +45 °C

Storage temperature:

-20 °C ... +55 °C

Housing:

19" rack mounting, 2 RU, depth 240 mm

Weight:

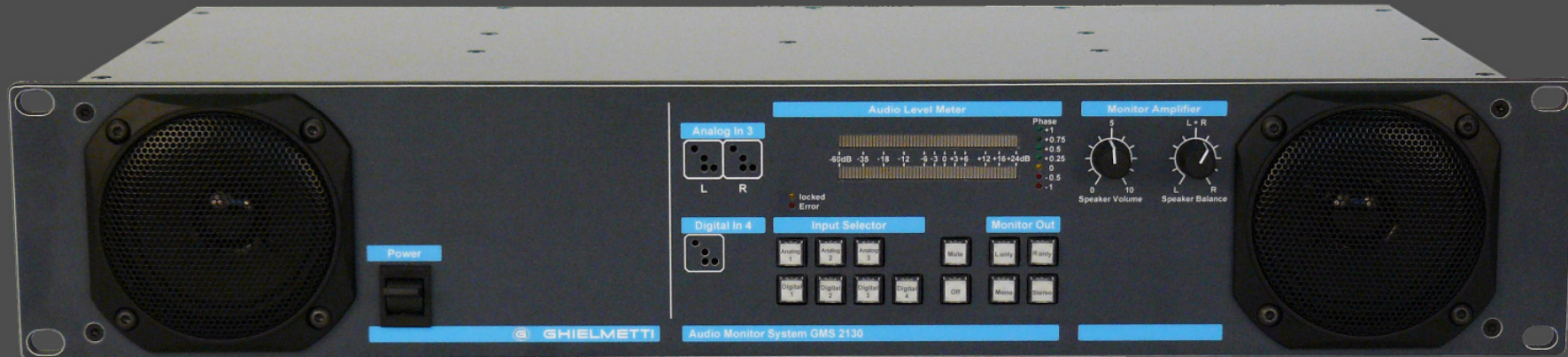
5.8 kg



Audio Test and Monitoring System

GMS 2130

Audio Test and Monitoring System – GMS 2130



High Performance

- Phase and level indicator for 2 channels (L, R)
- Monitoring router 3x1 for analog and 4x1 for digital inputs
- 24 Bit digital-analog converter
- Wide level range from -60 dBu ... +24 dBu
- Indication modes: Peak & fast Mode, Peak only, Level only, Peak & level
- Phase indicator with 7 LEDs: -1 ... +1 (in phase – stereo – off phase)
- AES/EBU indicator: Locked, Error