

GHIEMMETTI

Dante™



Digital Patch Bay **plus** for Dante™

GDP 1132 Dante

- 16 analog inputs and 16 analog outputs from/to Dante
- Level meter and status indication on LCD display
- Internal power supply and 1 DC Jack for redundant power supply
- USB and headset connection
- AES3 Output for Monitoring
- **Plus** Audio mixing capabilities
- **Plus** Monitoring and Configuration via LAN/browser

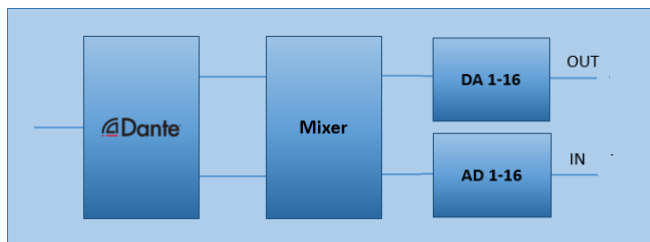
Description

GDP 1132 Dante

Digital Patch bay for analog and Dante Network
Part. Nr. 678.110.400.00

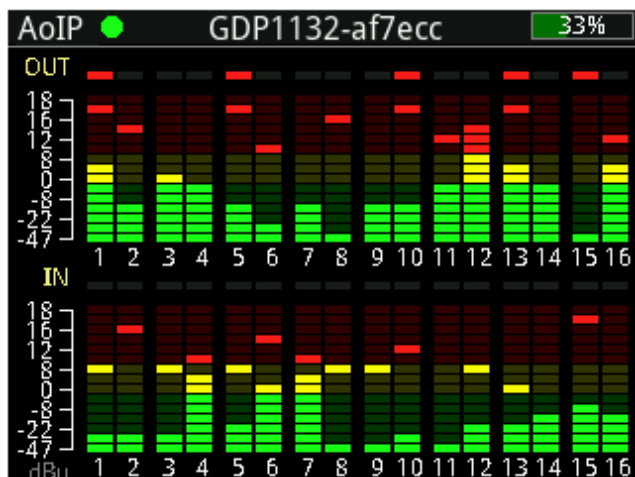
The Ghilmetti GDP 1132 Dante will bring you an easy solution to manage all your signals. A real bridge between analog and digital environments. The GDP 1132 Dante is a gain for broadcasters, for recording studios or for post-production facilities since it reduces wiring and conversion equipment.

The GDP 1132 consist of a Dante part with a Brooklyn II and analog inputs and outputs. The audio signals between Brooklyn and analog modules are routed through a mixer. This enables the system to mix several Dante channels onto one analog output or several analog inputs onto one Dante output.



Simplified operating diagram

The device can be operated remotely via the LAN connection using a web browser. The device can be operated locally with the built-in display and the navigation elements (rotary controls and buttons).



Capture of Built-in display

In order to guarantee a high level of reliability, the device can be operated with redundant power supply.

The appropriate choice of high quality materials such as Aluminium front panel, a modern device design and well thought-out and stable functionality should place the device in the professional audio segment.

Ghilmetti G3P Technology

Since many years Ghilmetti is known as one of the best solution maker concerning audio connecting system. Its technology is recognized worldwide as providing an incomparable connection quality. Today Ghilmetti puts this quality at the service of his newcomer. Indeed, the GDP 1132 Dante is equipped with G3P technology, which allows it to provide you with the best performance on the market.



Many types (colour, length) of G3P patch cords and G3P / XLR adapters are available.

Technical Data

General data	
Supply 1	IEC Connector, 90VAC...260VAC, 47...63Hz, 50VA, 0.8A
Supply 2 (redundant)	DC Jack (2.5 x 5.5 mm) 12V / 5A
Operating temperature	0 °C ... 45 °C
Storage temperature	-20 °C ... 55 °C
Housing	19" (482.6 mm), 1 U (44.1 mm), depth 220 mm
Display	TFT LCD (2.2" , 320x240 pixels, 65k colors)
Fan	Temperature controlled
Weight	3.2 kg
Analog inputs	
Signal	Symmetrical
Input impedance	20kΩ
Max. Input level	+ 18dBu or + 24dBu
Latency	< 400us (12/fs @ ADC + 7/fs @ Mixer)
Converter / amplifier	CS5368 / OPA2134 + OPA1632
Frequency response	-0.07 dB (20 Hz) / 0.03 dB (20 kHz)
Analog outputs	
Signal	Symmetrical
Output impedance	100Ω
Applicable load impedance	>= 2kΩ
Max. Output level	+ 18dBu or + 24dBu
Latency	< 500us (17/fs @ ADC + 7/fs @ Mixer)
Converter / amplifier	PCM3168 / OPA2134 + DRV135
Frequency response	-0.02 dB (20 Hz) / 0.05 dB (20 kHz)
Monitoring - headphones	
Plug	1/4" Phone Stereo Jack (6.35mm)
Output power	Max. 0.1W RMS pro Canal
Monitoring - AES3 output	
Plug	XLR (male)
Signal	Stereo, symmetrical
Output impedance	110Ω
Mixer	
Matrix	64 x 64
Latency (In to Out)	< 150us (7 / fs)
Resolution	0.5 dBFS between 0 and -80 dB
Connections	
Local LAN & USB	1x 100Base-T, 2.0 TypA
AoIP (Audio Over IP)	
Technology	Dante
AoIP module	Audinate Brooklyn II 64x64
Connections	2x 1G Ethernet (primary and secondary)
DDM Ready	Yes
Firmware Update	Using the Dante Controller
Inputs	32 Dante inputs, can be mixed to 16 analog outputs
Outputs	32 Dante outputs, can be mixed to 16 analog inputs

Connections, Handling and Display



Ghilmetti G3P patch bay, Inputs and outputs

Colour TFT Display

Navigation Knobs

Volume Knob

Headset and USB Slot



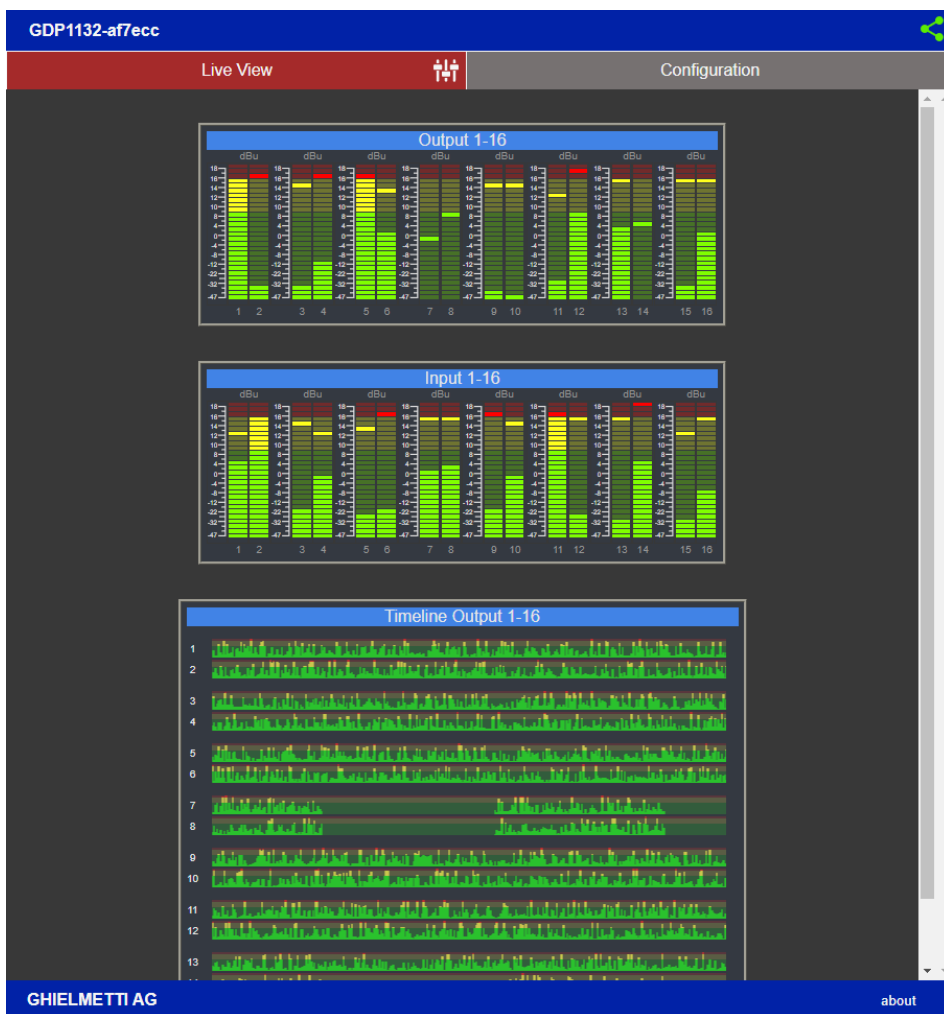
LAN Port

Digital Out AES/EBU-Signal

DANTE-Network Primary & secondary ports

Redundant Power supply

Main supply 90 ... 260 VAC



External monitoring with time line tracking

