

## APG20 MK2

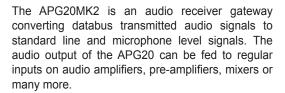
Line & microphone audio receiver gateway

## Features

- Audio receiver gateway
- RJ45 bus input (RS485 & Audio)
- RCA Line output
- XLR Microphone output (0 dB & -40 dB switch)
- RS-485 link output (RJ45)
- Including 24V DC power supply
- 24V DC output (RJ45) for transmitter end
- Mounting brackets optionally available (19" rack or desk mounting)

## Applications

- Classrooms
- Meeting rooms
- Audiovisual installations
- Presentation rooms
- Residential applications
- Offices
- ...



In combination with the matching input modules (WLI and WMI) it offers a solutions for two channel audio transmission (line & microphone) covering distances up to 300 meters over standard UTP CAT5E (or better) cabling. Distances up to 600 meters can be achieved when applying additional power supplies.

Due to the differential bus input with increased voltage levels, the received signals are insensitive for noise, interference and attenuation over the long transmission distance. This offers the appropriate solution for high quality audio transmissions in long distance applications while maintaining high quality audio reproduction.

The bus input carrying both audio channels, an RS-485 data channel and 24 Volts distribution to the transmitter end is implemented using an RJ45 connector. The audio outputs are performed using dual RCA (line) and female XLR (microphone) connections. The XLR output is accompanied with a switch allowing selection between a -40 dB and 0 dB output level.

The signals carried on the RS-485 pair of the databus are linked to an RJ45 output connection, allowing daisy chaining to the controlled equipment.

A variety of optionally available mounting brackets are allowing desk, closet or 19" equipment rack installation.



## **▶**Specifications

SYSTEM SPECIFICATIONS	
Audio / RS-485 / 24V DC Bus (RJ45)	
1 x Microphone output (Male XLR) (Level switchable 0 dB ~ -40 dB)	
1 x Line output (Dual RCA)	
1 x RS-485 data link output (RJ45)	
1.2 Watt (PSD241 included)	
24V DC (PSD241 switching power supply included 100 ~ 240V AC / 47 ~ 63 Hz)	
108 x 44 x 165 mm	
0.76 Kg	
TIA/EIA T568B	
UTP CAT5E	
300 meter (without external PSU)	
600 meter (with external PSU)	
Black	
Aluminum enclosure	
Cardboard box	
1.08 Kg - 0.0078 Cbm	
PSD241 - Power supply 24V / 1.67 A	
(Efficiency Level V)	
WLI18 Wall line input unit	
WMI18 Wall microphone input unit	
ARJ03P junction box	
PSD24x external power supply	
MBS1xx Mounting brackets	

\*AUDAC reserves the right to change specifications without notice: this is part of our policy to continuously improve our products.