



PMUC



Desktop Compact Unit

PMUC is a compact counter desk with integrated microphone, speaker and central unit. PMUC provides Full-Duplex digital communication, anti-larsen, echo cancellation, automatic level adjustment according to the ambient noise level, limiter, automatic standby mode, programmable output levels.

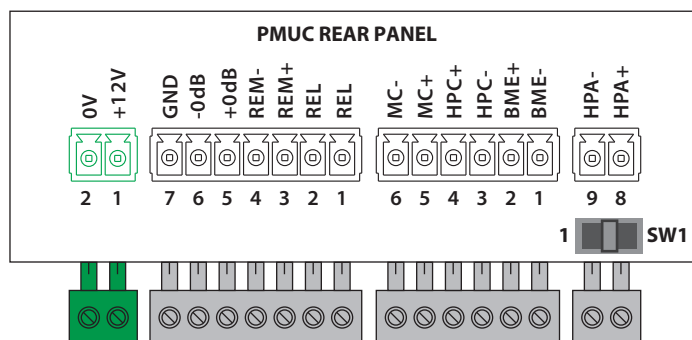
PMUC also has advanced features:

- External control input
- Dry contact output for external product control (camera, light, door strike, alarm, etc.)
- 0 dB output for external amplification
- Audio input and output, microphone and speaker, for integration into specific products.

PMUC is used in combination with:

- HPU speakers
- MC or MCU client microphones
- BME CADRE magnetic hearing loop

Use of BME cadre magnetic hearing loop guarantees reception of hearing-impaired people in accordance with EN 60118-4 (March 2007) standard, within a 60 cm radius around the BME.



CHARACTERISTICS

- Frequency response: ± 3 dB @ 120 Hz – 7 kHz on speaker output
- THD, max output power:
 - HP < 0.54% @ 1 kHz 1 W
 - BME < 0.7% @ 1 kHz
 - AUX < 0.06% @ 1 kHz
- SNR:
 - Mic to speaker: 70 dB
 - Mic to BME: 50 dB
 - Mic to AUX: 77 dB
- Power supply: 12 VDC / 2 A
- Power consumption
 - No signal: 4 W
 - Full power: 18 W
- Agent microphone
 - Electret / power supply: 6 VDC
 - Gain: 32 dB
 - Input impedance: 4 k Ω
 - Max level: -22 dBu
- Client microphone
 - Electret / power supply: 6 VDC
 - Gain: 29 dB
 - Input impedance: 2.3 k Ω
 - Max level: -18 dBu
 - Connection: terminal block, 3.81 mm
- Agent & Client speakers
 - Power / max level: 4 Ω THD < 0.1% 6 W
 - Voltage gain: 23 dB (x19)
 - Output stage: Class D
 - Connection:
 - Optional external agent speaker: terminal block 3.81 mm
 - Client speaker: terminal block, 3.81 mm
- BME CADRE:
 - Power / max level: 400 mA/m à 60 cm
 - Frequency response: +/- 3 dB 100 Hz – 5 kHz
 - Output stage: Class D
 - Connection: terminal block, 3.81 mm
- AUX:
 - Power / max level: +16 dBu symmetrical
 - Output impedance: 50 Ω
 - Voltage gain: +6 dB (x2)
 - Output stage: active symmetrizer
 - Connection: terminal block, 3.81 mm
- Amplifier protection: short circuit, open circuit, overheating, high frequency

- Contact output
 - Relay contact:
 - Max. current $I_{re\ max}$ = 500 mA
 - V break capacity = 30 VDC/AC
 - Contact resistance R_c = 150 m Ω
 - Max. switching frequency F_{max} = 500 Hz
- Contact input:
 - Input activation by ground contact
 - Contact current I_{cont} = 1 mA
 - Max input voltage V_{RRM} = 50 VDC
- IP rating: IP23
- Dimension (W x H x D): 200 x 200 x 240 mm (incl. flexible microphone)
- Weight: 0.8 kg

ACCESSORIES

- Length of cables for microphone & client speaker: 2 m
- Screws
- Faston terminals
- MAGELLAN software for complementary settings:
 - * Compatible: Windows XP, Vista, Windows 7, Windows 10