

COM24

public address amplifier

PROFESSIONAL SOUND EQUIPMENT

The COM24 was developed as an easy to use, flexible solution for multifunctional use. During the development of this amplifier, the Audac-engineers wanted to achieve four goals :

- delivering a flexible audio solution to control multiple functions
- easy to use
- excellent sound quality
- modern and advanced design

The COM24 has 2 stereo unbalanced line level inputs, 2 mono balanced line level inputs, 2 mono balanced line level inputs with priority settings and phantom power, 5 high impedance 100V mono output zones, 1 low impedance 4ohm mono output zone, a link input and output, an amp input and preamp output, a remote microphone input and the possibility to connect a telephone pager unit.

This device will prove its worth in commercial applications such as restaurants, professional offices, hotels, warehouses, ...



COM24 front

The front panel offers all controls needed to operate the COM24. Next to channel volume controls for each channel (1-6), a 2 band tone control and a master volume control, users will find a chime button and zone selection buttons. After pressing the power button, also located on the front panel, the blue 'ON' LED lights up. Together with this blue 'ON' LED, a 5-segment output VU bar and red output clipping led make sure that operation of the COM24 can be controlled easily.



COM24 rear

At the back of the COM24, users find all necessary connections.

Channels 1 and 2 are equipped with an input gain control, a priority and phantom power switch and a XLR/6.3mm jack balanced combination connector for microphone input. Channels 3 and 4 only have an input gain control and an XLR connector for microphone input. Channels 5 and 6 are equipped with an input gain control, stereo cinch connectors for line level signal input and a 6.3mm jack balanced connector for microphone input.

Next to the connections described above, users will find controls and/or connections for chime volume, remote microphone volume and input, music on hold volume and output, and telephone paging input. Amplifier input, preamplifier output, link input and link output are provided for cascading purposes.

At the back, users can also connect the appropriate loudspeakers. 5 independent 100V zones can be applied, or one 4 Ohm low impedance zone can be applied. Never connect the 2 types of loudspeakers at the same time.

About Audac :

AUDAC provides a complete range of audio equipment such as amplifiers, loudspeakers, microphones, conference microphones and much more.

AUDAC
www.audac.be



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| Technical specifications : | |
|---|-------------------------|
| Sensitivity | |
| Balanced Microphone Channels | -50dB±3dB |
| Balanced Line Channels | -22dB±3dB |
| Balanced Remote Microphone station | -50dB±3dB |
| Balanced Telephone Paging | -21dB±3dB |
| Unbalanced Link in | -17dB±3dB |
| Unbalanced Amp in | -0dB±3dB |
| Frequency Response (1Watt from speaker output tap. 100Hz-10kHz) | +1.5dB / -3dB |
| THD+N by 1 kHz | < 0.5% |
| Signal to Noise ratio | 90 dB@1kHz |
| Phantom Power | +15V DC |
| Zone outputs 1-5 | 100V |
| Output level & impedance | 100V – 42 ohm |
| | 70V – 21 ohm |
| | 25V – 2,6 ohm |
| | 4 ohm – 31V |
| Power Supply | 235V AC, 50-60Hz |
| Max power consumption | 260W |
| Weight | 8,5 kg |
| Dimensions (W x H x D) | 420 mm x 88 mm x 320 mm |
| Unit height | 2HE |

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 **CE** approved product

For a period of 2 years, starting from the original date of purchase, Audac products are covered against defects in workmanship or materials. The defective item will be repaired or replaced at the option of Audac, with no charge for materials or labor. You have to adequately pack up and dispatch the item prepaid to an Audac authorized distributor/service centre. Unauthorized repair shall void the warranty. Cosmetics and finish are not covered by this Audac warranty. The warranty is also voided if, in Audac's opinion, the items have failed due to user abuse, accidents, modifications or any type of misuse.

