COM12

public address amplifier

The COM12 public address amplifier is developed as an easy to use, flexible solution for multifunctional use. During the development of the COM12 public address amplifier, the AUDAC-engineers wanted to achieve four goals:
- Delivering a flexible audio solution to control multiple functions
- Easy to use
- Excellent sound quality
- A modern and advanced design

The COM12 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 4 ohm mono output zone, a link input and output, an amp input and pre-amp output, a remote microphone input and the possibility to connect a telephone pager unit. The COM12 can be used in commercial applications such as restaurants, hotels, shops, warehouses, professional offices, public buildings … As a simple example, when installed in a shop, you could connect: a tuner to play your favorite radio station, a microphone to make announcements, a telephone pager … and off course the shops doorbell.

COM12 front

On the front you can find all the necessary controls to operate the amplifier: channel volume controls for channels 1 – 6, a 2 band tone control and the master volume control, a chime button, zone selection buttons pre-zone and all zones and the power switch. Operation of the amplifier can be visually controlled by means of the indication led's: a blue "Power On" led, a 5 segment output VU bar and a red output clipping led.

COM12 rear

On the back you, can find all the necessary connections.

Channels 1 -2 are equipped with an input gain control, a priority and a phantom power switch and a XLR/6.3mm Jack balanced combination connector for microphone input.
Channels 3 – 4 only have an input gain control and an XLR connector for microphone input.
Channels 5 – 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.

Furthermore you can find controls and/or connections for chime volume, remote microphone volume and input, music on hold volume and output and telephone paging input.
For cascading purposes, amplifier input, pre-amplifier output, link input and link output are provided too.
The last section is for connection to the appropriate loudspeakers. 5 independent zones can be applied or 1 à one 4 Ohm low impedance zone. Never connect the 2 type's 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.

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Technical specifications :	
RMS Power @ 100 V	120 W
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	+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 / 83ohm
Power Supply	240V AC, 50-60Hz
Max power consumption	170W
Dimensions (W x H x D)	420 mm x 88mm x 320mm
Unit height	2HE
Weight	9.76 kg

CE   *approved product*

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