



# CPR12

Two Zone - 10 Channel pre-amplifier

## ► Features

- Two zone system
- 6 Mic / Line inputs
- 4 Line inputs
- 2 Priority Channels (selectable)
- 3 band EQ & Phantom on Mic / Line inputs
- Fader volume control
- Built-in PFL loudspeaker
- 24 V Emergency power operation
- 19" Mounting device (2 HE)

## ► Applications

- Public buildings
- Warehouses
- Retail stores
- Office buildings
- Train stations, Airports
- Restaurants, Bars
- ...



The CPR12 is an easy to use, flexible and multi-functional 10 channel pre-amplifier with two zone outputs.

It contains a total of 10 inputs whereof the first six inputs are balanced mono inputs selectable between microphone or line level and are equipped with a 3-band tone control. All six inputs are equipped with phantom power for powering condenser microphones, while inputs 1 and 2 also contain priority functions. The other four inputs are unbalanced stereo line inputs without tone control.

Every input contains a gain adjustment potentiometer with clip indicator LED and volume control fader. The routing for both zone outputs can be made using the output selection buttons.

Both output channels are equipped with an 8-digit VU meter which visualizes the presence and level of the signal, a volume control fader and 2-band tone control.

A built-in PFL loudspeaker allows the pre-listening of every in- and/or output without the use of an additional headphone, providing a great user convenience when used in fixed installations racks. The provided potentiometer allows volume adjustment.

Some other features present are a separate priority input which mutes all other inputs when a signal is detected, a recording output, a sub-out output and insert input for every output channel.

A 24 Volts alternative power connection performed using a 2-pin terminal block is provided for powering the amplifier on emergency power once the mains power is shut down.

## ► Specifications

SYSTEM SPECIFICATIONS			
Balanced Master Output		0 dBm	
Unbalanced Sub Output		0 dBm	
Unbalanced Rec output		-10 dBm	
Balanced Microphone channels		-60 dBm	
Input sensitivity	Balanced Line 1-6 channels	-30 dBm	
	Unbalanced Line 7-10 channel	-30 dBm	
	Unbalanced Priority	0 dBm	
	Insert	0 dBm	
THD @ 1 kHz		< 0.2 %	
Frequency response		20 Hz - 20 kHz	
EQ Input	High	12.5 kHz	±12 dB
	Mid	2.5 kHz	±12 dB
	Low	80 Hz	±12 dB
EQ Output	High	12.5 kHz	±12 dB
	Low	80 Hz	±12 dB
Residual Noise		< -90 dB	
Signal / Noise ratio		> 90 dB	
Crosstalk @ 1 kHz		< -70 dB	
Phantom power (balanced)		+15 V DC	
Power supply		100 V - 240 V AC / 50-60 Hz	
Power Consumption		22 W	
PRODUCT FEATURES			
Dimensions (Width x Height x Depth)		482 x 88 x 325 mm	
Weight net		5.3 Kg	
Mounting		19"	
Unit height		2 HE	
Construction		Steel	
SHIPPING & ORDERING			
Packaging		Carton box	
Shipping weight and volume		7 Kg - 0.0137 Cbm	
*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products			

## ► Architect's and Engineers' Specifications

The Pre-amplifier shall be a 10 channel system containing two separately controllable zone outputs. It shall contain six balanced inputs which are selectable between microphone and line level and are equipped with a three-band tone control. Two of the inputs shall contain priority functions while phantom power shall be applicable to all six microphone inputs. The other four inputs shall be unbalanced line inputs.

The front panel shall contain an AC power switch accompanied with a blue power indicator LED. Besides three push-switches for making routing and pre-listening settings, a gain adjustment potentiometer and volume control fader shall be provided for every input. The inputs selectable between microphone and line level shall also contain a three band tone control.

The outputs shall contain an 8-digit VU meter to visualize the presence and level of the signal while a fader volume control and 2 band tone control allow level and sound adjustment. A built-in pre-listening loudspeaker accompanied with a level potentiometer shall be provided for pre-listening every in- and/or output without use for an additional headphone.

All connections shall be made on the rear panel of the unit. The microphone inputs shall be balanced and performed using female XLR connectors while the line inputs shall be performed using 6.3 mm Jack and/or RCA input connectors. The main output connections shall also be balanced and performed using male XLR connectors, while other present connections such as priority input, sub-out and insert shall be performed using 6.3 mm Jack connectors.

The power supply shall be a conventional type operating on a 100~240 V AC / 50~60 Hz mains network. Additionally, an emergency power inlet shall be provided to keep the system running on 24 Volt emergency power when the mains power is shut down.

It shall be equipped with a removable power cord having a standard shuko (CEE 7/7) AC plug. The connector on the amplifier chassis shall be a fused IEC C14 type and the emergency power inlet shall be performed using a 2-pin terminal block connector.

The amplifier chassis shall be a two rackspace steel constructed 19" housing. Depth from mounting surface to rear supports shall be 330 mm and the weight shall not exceed 5.3 Kg.

## ► Block diagram

