



“CPA-5000 Series” **SMALL CENTRAL PANELS**

A Input for Mic 1 (Priority)

B Control for Input 1-2-3-4

C Controls and switches for AUX 5-6-7

D Master volume control and bass, treble control

E LED display of the operating status

F On/off switch

G button for gong activation

H Empty field for inserting the sound carrier modules

I 5 zone switching and control unit

front view

view of the back

(factory fitted with bridge)

A Switch for phantom power on gear 1-2-3-4

B MIC/LINE switch for input 2-3-4

C Symm. Inputs on screw connectors (MS-050P)

D Controls for gong, siren and mute level

E Empty field for antenna from TP-10USB and CDR-10USB or remote control of text module DMT-10

F AMP-IN and PRE-OUT on 6.3 mm jack, unbalanced.

G AUX Input 5-6-7 on RCA jacks

H Input 1-2 on combo jacks (XLR and jack)

I Ground/Lift switch

J Connection for DC power supply DC 24 V

K Remote switching via "Power Re-mote"

L Connector for cold appliance power cord

M 8 Ohm and 100V / 70 V outputs

N 5 switchable and adjustable loudspeaker outputs (100V or 70 V)

O Remote control for siren

P Remote control for two-tone gong

Q Contact for pre-gong input 2-3-4

Technical data	CPA-5120C	CPA-5240C	CPA-5480C
output power	120 W (RMS)		480 W (RMS)
frequency range	Mic: -3dB (200Hz ~ 19 kHz) Line: -3dB (35Hz ~ 19 kHz)		
Total harmonic distortion (THD) at 1 kHz	less than 0.5%		
entrances	Input 1 Mic: -50dB (2.45mV) / 2k Ohm, balanced Input 2-4 Mic: -50dB (2.45mV) / 2 k Ohm, balanced. Line -10dB (245mV), balanced Input 5-7 AUX: -10dB (245mV) / 5k Ohm, unbalanced Pack Unit: -10dB (245mV) 10k Ohm, unbalanced PRE OUT: 0dB (775mV) 100 ohms, unbalanced AMP IN: 0dB (775mV) 10k Ohm, unbalanced		
outputs, speakers	70 V or 100V and low-impedance 8 Ohm		
treble and bass controls	Bass: ±10dB at 100Hz Treble: ±10dB at 10kHz		
signal-to-noise ratio	Mic: > 70 dB Line: > 80 dB		
electricity consumption	max. 1.8 A	max. 3.2 A	max. 7.5 A
power supply	230 V (AC - 50-60Hz) mains power and 24 V DC		
Dimensions (WxHxD) / Weight	430x133x352mm; 3U; approx. 14 kg	approx. 16.5 kg	approx. 20 kg

SMALL CENTRAL PANELS “CPA-5000 Series”



3 performance classes
120-240-480 W



Description

The small control centers of the “CPA-5000 series” are available in 3 power classes, 120 W, 240 W and 480 W respectively . There are 5 individually switchable and adjustable 100 V or 70 V loudspeaker circuits.

The small control panels have a gong, siren, phantom power and priority switching and are ideally suited for professional ELA use.

Please note the following features:

- The small control units are powered by mains power (230 V) or Powered by 24 V DC.
- Speaker outputs available are 100V and 70V as well as 8 Ohm (low impedance).
- All models have 5 speaker circuits that can be the front can be regulated individually.
- All microphone inputs are balanced and equipped with switchable phantom power, with inputs 2, 3 and 4 switchable to line.
- The Mic 1 input is equipped with an electronic microphone priority circuit, which is also adjustable.
- AMP-IN and PRE-OUT sockets are located on the rear panel for cascading with additional amplifiers and for looping in equalizers, for example.
- The two-tone chime and the siren can be controlled remotely and adjustable on the back.
- Input 1 is provided with a voice-active priority circuit, inputs 2-3-4 have a contact-active priority over AUX 5-6-7.
- The special MS-050P intercom is connected via a 4-pin screw connector (max. 3 intercom stations) and has the option to activate the pre-gong and priority.

- As a special feature, all models in this series have the option of inserting a sound carrier module into the space provided. The following modules are available:

FM/AM tuner module

18x FM + 6x AM memory stations

TP-10USB



DAB Internet Radio

DAB/DAB+, FM-RDS, USB

TP-200IR



CD/MP3 player module

Repeat, Random, etc.

CDP-10 USB



CD/MP3 tuner module

RDS tuner and MP3/CD player

CDR-10 USB



digital text module

with timer functions, microSD card

DMT-10



BT player module

USB port/SD card, remote control

BM-10U



A detailed description of the sound carrier modules can be found on pages 126 and 127.

model names

Small central station, 120W, 3 U.	CPA-5120C
Small central station, 240W, 3 HE.	CPA-5240C
Small central station, 480W, 3 HE.	CPA-5480C

Microphone table station. MS-050P
screw connector, symm., pre-gong, priority