

ZONE4 4-ZONE STEREO AMPLIFIER

APart



The ZONE4 is a high grade designed and produced pre-amplifier : perfect for multi-use and multi-zone applications. It allows the user to control 4 stereo zones with just one affordable unit. ZONE4 makes it possible to assign 3 microphones and 4 stereo line inputs to any of four output zones.

This unit pro-use, and can be digitally controlled by RS-232, through a remote control panel and IR-serial. The unit is 19" format and comes standard with removable brackets. The removable metal cover (included) protects MIC-settings.

It is possible to connect 3 mono MIC/LINE inputs via a Euroblock connector (= easy installing). Every MIC input is assignable to any of the 4 zones, and there is phantom power selectable on MIC 2 and 3. Each signal is assignable to any of the four output zones through dipswitches on the front and the back of the unit. There is a priority input for paging or emergency.

To make things even easier, our four zone paging microphone MICPAT-4 is especially designed to work with zone 4. Just press any of the buttons on the microphone's base to put a paging call out to one of the four zones. MIC-input 1 mutes the line input, MIC 2 inputs 2 and 3 mix with the line input.

On the output side, there is a line input selector and music level control per zone. A clear digital display makes it easier to monitor the functioning of the unit. Further, there are independent MIC-MIX level control and bass-treble control per zone.

There is a versatile and affordable remote control for this unit. ZONE4R is sophisticated, stylish and yet easy to control. It has a clear LED status display and buttons for music level, MIC/MIX level, source select and mute controls. Because the remote is wired with a normal CAT5 cable, it is very easy to install.

Zone-4 tech specs

Outputs

Output stereo zone 1 unbalanced

Output stereo zone 2 unbalanced

Output stereo zone 3 unbalanced

Output stereo zone 4 unbalanced

cinch connector 0dB, 1 V, 100 ohm

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Frequency response

20Hz - 30 KHz

Noise

> 90dB

THD

< 0,02 %

Crosstalk

> 75 dB

Max nominal gain

+5 dB

Max output voltage

+13 dBV, 4.5 V

Tone control zone 1 and 2

bass 75Hz +/-10 dB treble 10KHz +/-10 dB

Line inputs

Line A to D

cinch connectors L & R channel

Line A to D sensitivity

0dBV, 1V

Line A to D impedance

100 kohm

Line A to D max input level

+8 dBV

Mic/line inputs

Input mic/line 1

Balanced on euroblock connectors/RJ45

Input mic/line 1 sensitivity

Mic: 3mV/ -50dBv Line: 2V/ 6dBV

Input mic/line 1 impedance

2kohm/11kohm

Input mic/line 1 max input level

-43dBV/18dBV

Input mic/line 2 and 3

Balanced on euroblock connectors

Input mic/line 2 and 3 sensitivity

trim from 1,5mV/ -56dBv to 150mV/ -16dBV

Input mic/line 2 and 3 impedance

15kohm

Input mic/line 2 and 3 max input level

-38dBV to -1 dBV (gain max - min)

CMRR

> 50 dB

S/N ratio

> 65 dB @ mic level 4mV

THD

< 0,09%

Phantom power mic 2 and 3

18 V, individually switchable

Tone control mic/line 1 to 3

from 100Hz/+3dB,10kHz/-6dB to 100Hz/-9dB, 10KHz/+4dB

General

Power supply

90 to 260 VAC / 50-60 Hz autoranging

Dimensions W x D x H

420 (484) x 190 (210) x 44 mm

Net weight

2.5 kg

Remote Control

via RJ45 CAT-5 per zone

Optional models ;

ZONE4R

Dimensions W x D x H

115 x 40 x 80 mm