ASANO P4a
Installation Manual

basalte

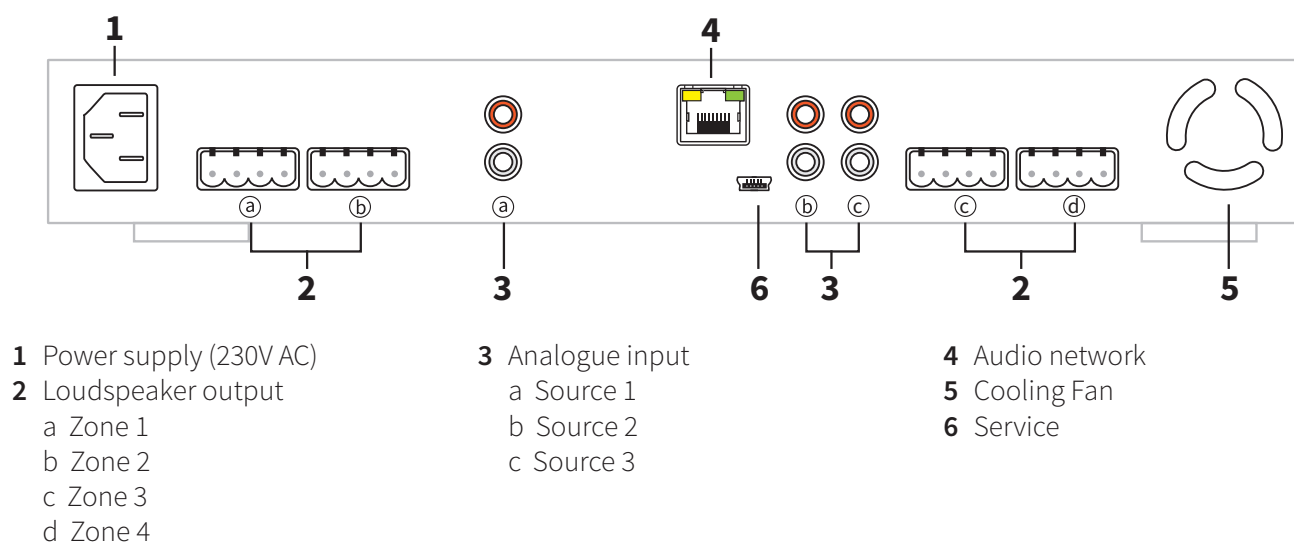Before operating the unit, please read this manual thoroughly and retain it for future reference.

Model No. 700-14

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Description

Asano P4a is a networked 4-zone amplifier, each zone output powered with 2x125 W amplifiers. It can connect 3 analogue audio input sources.
Asano P4a can only be used in combination with S4. The S4's integrated KNX control allows you to integrate the Asano P4a in a KNX system.

1 Power supply (230V AC)	**3** Analogue input
2 Loudspeaker output	a Source 1
a Zone 1	b Source 2
b Zone 2	c Source 3
c Zone 3	
d Zone 4	

4 Audio network
5 Cooling Fan
6 Service

LED feedback

The Asano P4a front panel has a feedback LED which indicates following statuses:
• Blue: standby mode
• White: at least one output zone amplifier is active.
• Red flashing: device failure detected related to power supply or amplifier.
• Purple flashing: digital clipping or issues with the audio network.

How to install

1 Dedicated audio network
Connect Asano P4a to the audio network using Ethernet CAT5e cable. The network has to be a dedicated network separated from your local data network.

2 Inputs
There are 3 analogue stereo inputs available. The analogue inputs can be connected through RCA connectors, both left (white colour) and right (red colour) for stereo.

3 Loudspeaker outputs
The 4 amplified zone outputs need to be connected on a separate connector per zone.
The connectors are dismountable from the unit. Each cable can be connected through screw terminals allowing a cable connection up to 2.5mm^2.

4 Bridged mode
The outputs of the P4a can be used in bridge mode. This mode is used to combine the power of the left and right channel delivering 450W at 4Ohm for each bridged output. Bridged gives a choice between bridged (L + R), mono bridged left and mono bridged right.

Normal: L+ L- R- R+   Bridged: L+ L- R- R+

5 Power supply
The Asano P4a has to be powered by a Euro mains power lead with a 230V AC input.
Do not unplug the connector at this side with voltage present.

How to start up

Once correctly installed and powered, the Basalte Studio tool has to be used to configure the P4a.

Technical data

Power: 220V - 240V AC
Analog input sensitivity: 2 V RMS
Minimum loudspeaker load: 3 Ohm
Speaker output power at 4 Ohm: 8 x 125W
Bridged output power at 4 Ohm: 4 x 450W
Ambient temperature:
      Operation: -5°C to 45°C
      Storage: -15°C to 55°C
      Transport: -15°C to 55°C

Dimensions: w 430 x h 66 x d 265 mm
Weight: 6,2kg
Max. humidity: 93% relative humidity, no moisture condensation
Protection class: II
Type of protection: IP 20
Certification: CE

KNX®

CE