



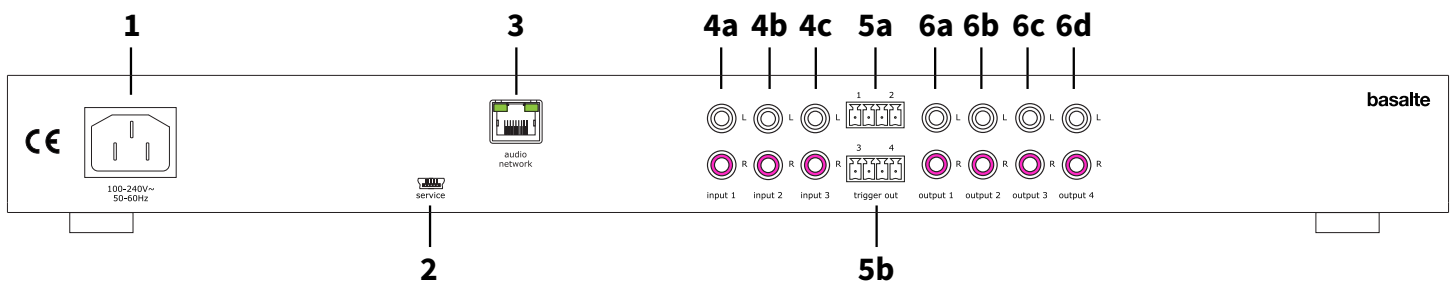
Before operating the unit, please read this manual thoroughly and retain it for future reference.

Model No. 0702-14

Caution: any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Description

Asano A4a is a networked 4-zone stereo output module that allows connecting up to 4 zones of third party amplifiers or active speakers with the Asano system. Every zone has a separate trigger output to switch on and off the external amplifier or active speaker. Asano A4a is able to connect three analogue input sources. A4a can only be used in combination with a Core Plus and is fully controlled over the audio network. With integrated KNX control, Core Plus allows the Asano A4a to integrate seamlessly into any KNX system.



- | | | | |
|--------------------------|------------------|------------------|-------------------|
| 1 Power supply | 4 Analogue input | 5 Trigger output | 6 Analogue output |
| 2 USB - only for service | a Source 1 | a Zone 1 - 2 | a Source 1 |
| 3 Audio network | b Source 2 | b Zone 3 - 4 | b Source 2 |
| | c Source 3 | | c Source 3 |
| | | | d Source 4 |

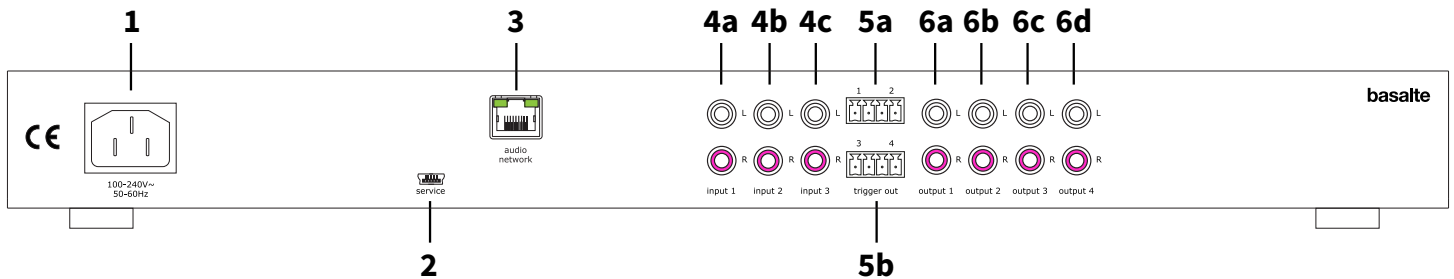
LED feedback

The Asano A4a front panel has a feedback LED which indicates following statuses:

- Blue: standby mode
- White: at least one output zone amplifier is active
- Following status indicates a possible device failure:
 - Red flashing
 - Purple flashing
 - Cyan flashing

How to install

- Power supply (1)
The Asano A4a 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.
- Audio Network (3)
Connect Asano A4a to the audio network using Ethernet CAT5e cable. The network has to be a dedicated network separated from your local data network.



- Inputs (4)
Additional sources can be connected to the 3 analogue inputs.
- Trigger output (5)
Each zone has a separate 12V trigger output to switch on and off the amplifier or active speaker.
- Loudspeaker outputs (6)
The 4 analogue zones are connected with RCA connectors.

Technical data

Power: 100V - 240V AC
Power consumption: 5W
Analogue input sensitivity: 2V RMS
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 50 x d 180 mm
Weight: 2,1 kg
Max. humidity: 93% relative humidity,
no moisture condensation
Protection class: II
Type of protection: IP 20
Certification: CE

Rack mounting instructions

A. Elevated Operating Ambient - If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (T_{ma}) specified by the manufacturer.

B. Reduced Air Flow - Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.

C. Mechanical Loading - Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.

D. Circuit Overloading - Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.

E. Reliable Earthing - Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g. use of power strips).