



### safety instructions

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

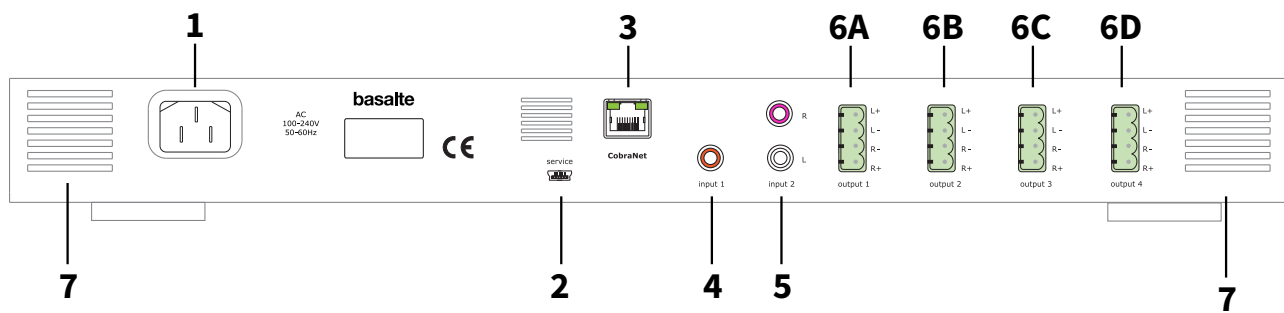
### component 703-04

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

### description

Asano M4 is a networked 4-zone amplifier, each zone output powered with 2x80 W amplifiers. It is able to connect 1 digital and 1 analogue input audio sources.

M4 can only be used in combination with S4 and is fully controlled over CobraNet. The S4's integrated KNX control allows you to integrate the Asano M4 in a KNX system.



- 1 power supply
- 2 service interface
- 3 CobraNet
- 4 digital input
- 5 analogue input

- 6 loudspeaker output
  - A zone 1
  - B zone 2
  - C zone 3
  - D zone 4
- 7 cooling fan

### LED feedback

The Asano M4 front panel has a feedback LED which indicates following statuses:

- blue: standby mode
- White: at least one output zone amplifier is active
- green flashing : discovery mode
- following status indicates a possible device failure:
  - red flashing
  - purple flashing
  - cyan flashing

### installation instructions

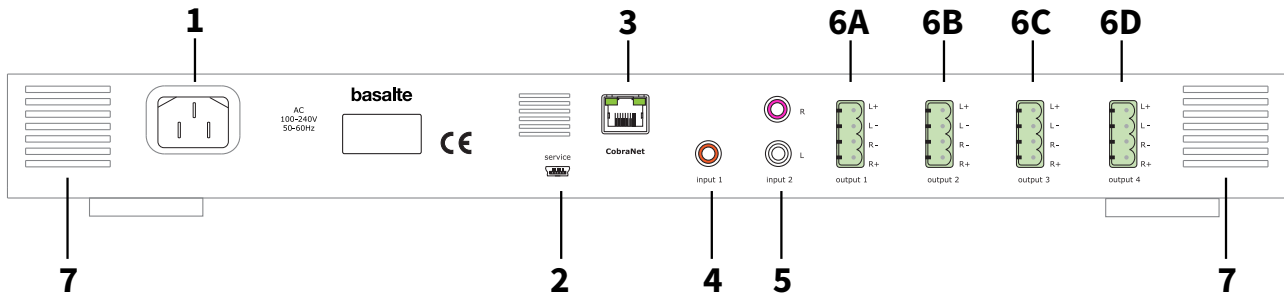
#### - CobraNet (3)

Connect Asano M4 to the CobraNet network using Ethernet CAT5e cable. The CobraNet network has to be a dedicated network separated from your local data network.

#### - Inputs (4-5)

Additional sources can be connected to the digital S/PDIF input and analogue stereo RCA input.

#### - Loudspeaker outputs (6)



The 4 amplified zone outputs need to be connected on a separate connector per zone.

The connectors are dismantable from the unit. Each cable can be connected through screw terminals allowing a cable connection up to 2.5mm<sup>2</sup>.

### - Power supply (1)

The Asano M4 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, you can configure Asano M4 using Basalte Studio.

### technical data

**power:** 100V - 240V AC

**analog input sensitivity:** 2 V RMS

**minimum loudspeaker load:** 3 Ohm

Speaker output power at 4 Ohm: 8 x 80W

**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 260 mm

**weight:** 4,1 kg

**max. humidity:** 93% relative humidity, no moisture condensation

**protection class:** II

**type of protection:** IP 20

**certification:** CE

Equipment shall be connected to a mains socket outlet with a protective earthing connection.

The fuse (Bel fuse, MRT, T3.1 5A 250 V) can only be replaced by Basalte.

### 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<sub>ma</sub>) 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).