



Setup Guide

1

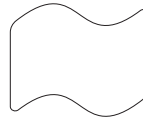
What's in the box?



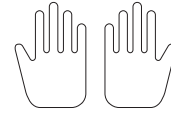
Right channel 300B tubes



Left channel 300B tubes



Microfiber cloth



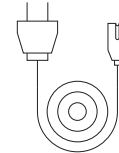
Gloves



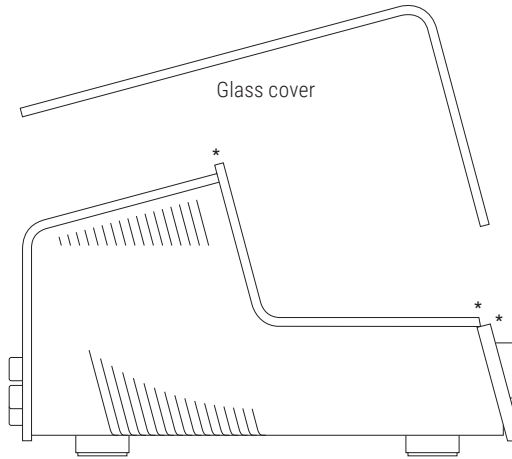
Right channel D3a tubes



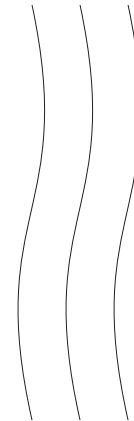
Left channel D3a tubes



Power cable



Main amplifier unit



3x rubber o-ring strips
** may already be installed*



Spare fuses

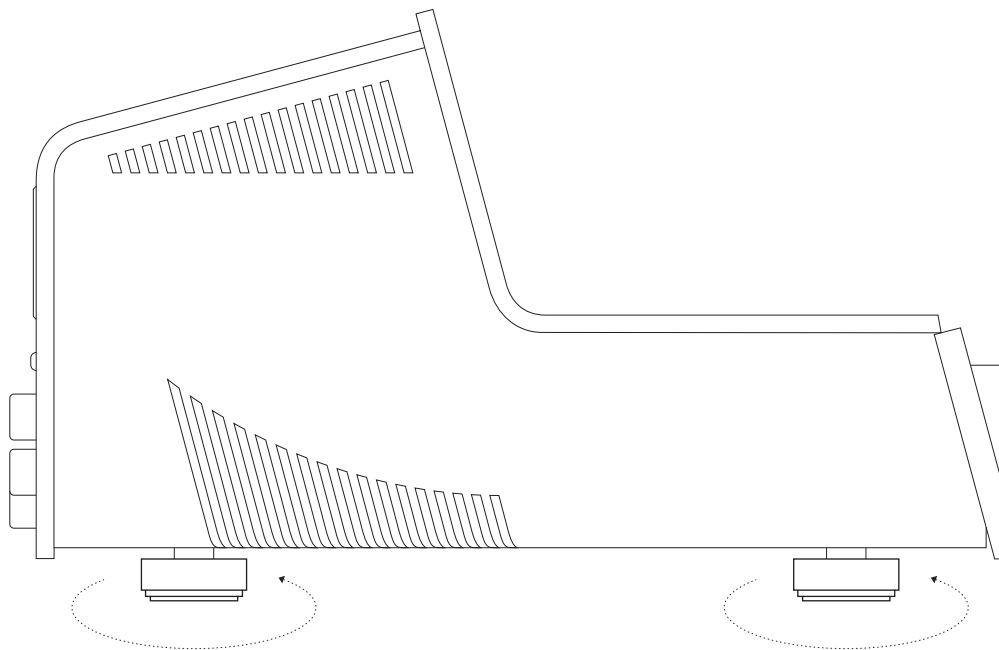


Remote control



Position the ARNE

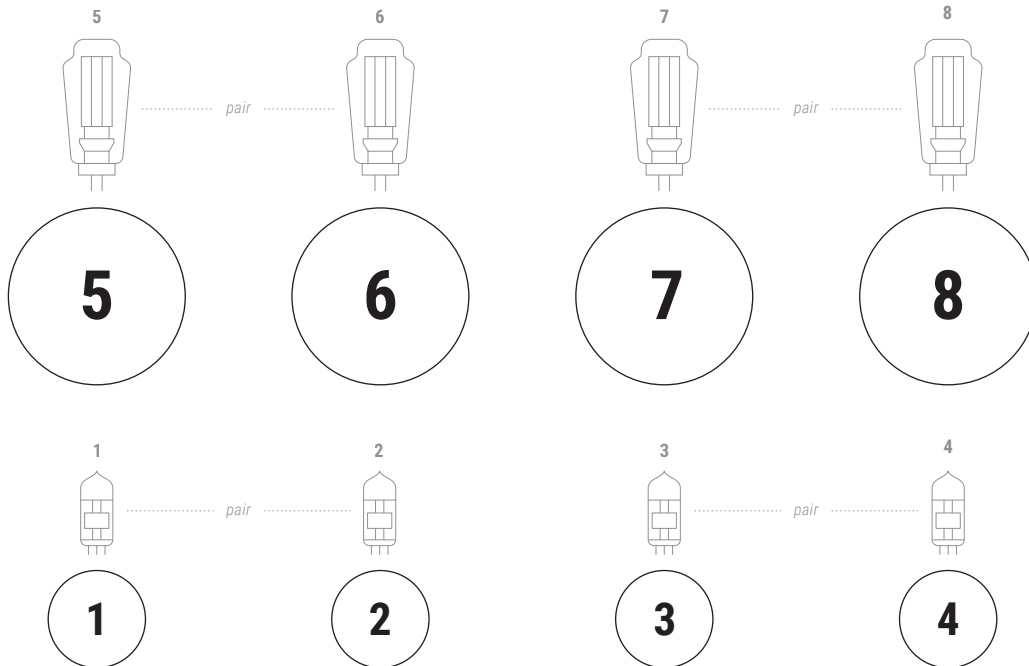
2



The ARNE is heavy, so always have two people when lifting the unit. Place the amplifier where you intend to install it, in an open and well-ventilated area away from direct sunlight and heat sources. The ARNE stands on four feet which may be screwed on tightly for shipping. Loosen each foot until it is no longer touching the main body of the amplifier - this helps to isolate the unit from vibrations in the room. Adjust the feet individually until the amplifier is stable and sitting evenly on the surface.

3

Install the tubes



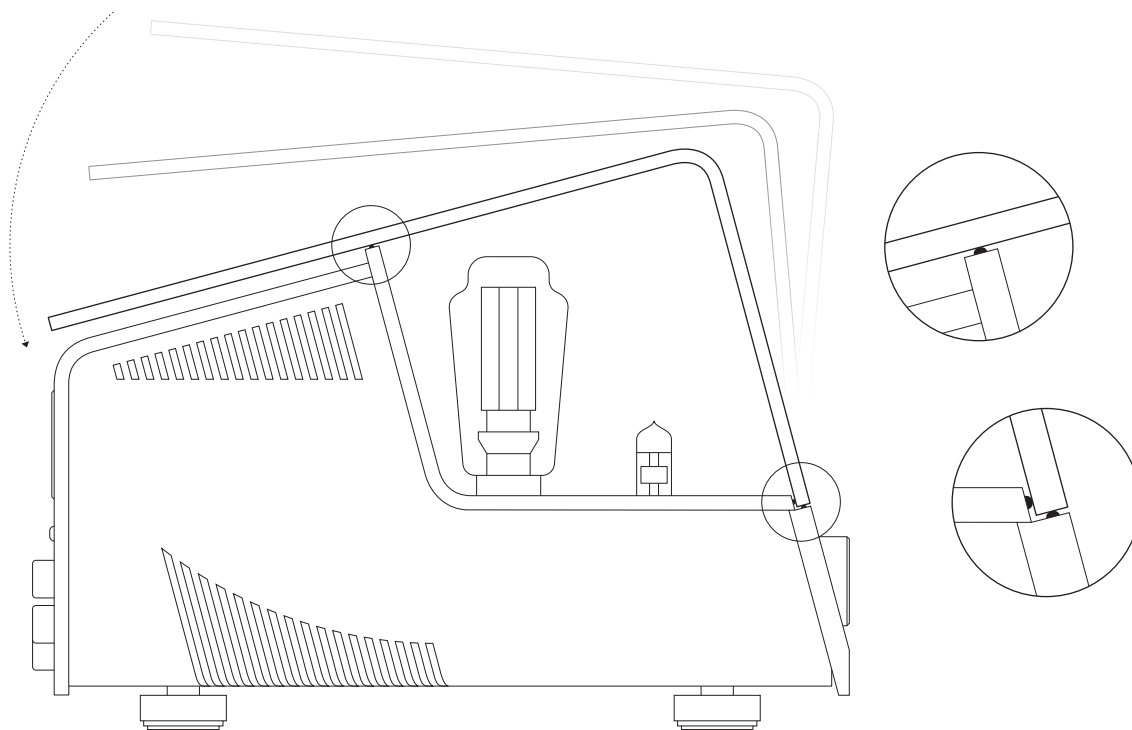
Allow the tubes to reach room temperature before installing them. The ARNE comes with eight tubes, which are paired and numbered according to their respective sockets as illustrated above.

Wearing gloves, carefully unwrap each tube and install it into its respective socket by pressing with a gentle but firm pressure until the tube is fully inserted. All tubes are auto bias for zero adjustments.



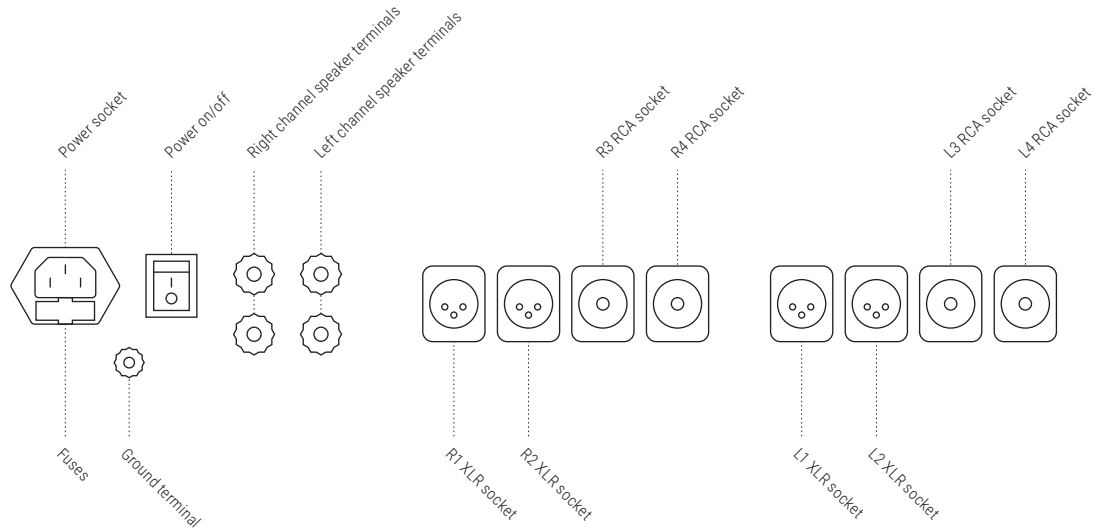
Install the glass cover

4



Ensure that the rubber o-ring strips are installed along the two grooves on the front edge of the unit and the groove along the very top of the unit. Wearing gloves, gently lay the front edge of the glass cover against the front edge of the amp unit and lower it down, making sure it is resting evenly against the strips. The glass is not secured to the unit. Always take the glass cover off first before moving the unit.

Connect the cables and power on/off



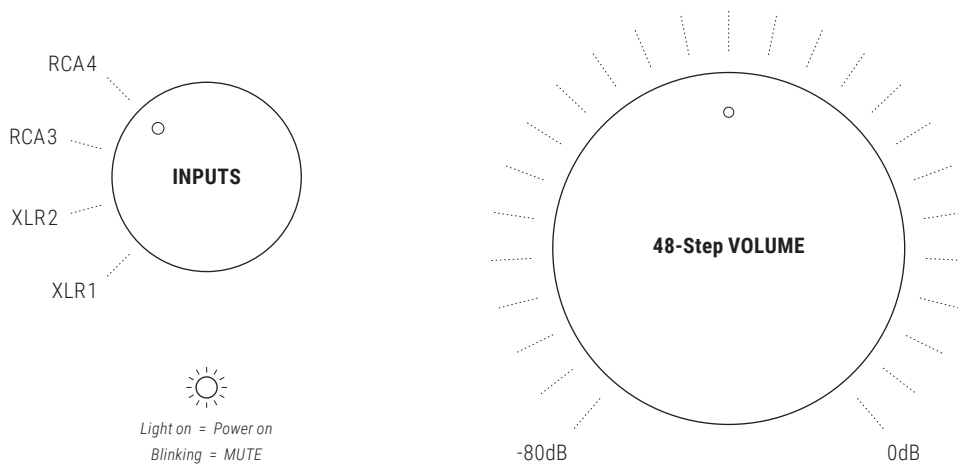
1. Connect the signal cables, XLR or RCA. Due to balanced design we recommend XLR cables.
2. Connect the speaker cables.
3. Connect the power cable to the wall socket and amp.
4. Power on the amplifier.

5. When switched off, the ARNE must rest at least 5 minutes before being powered back on.



Control the ARNE

6



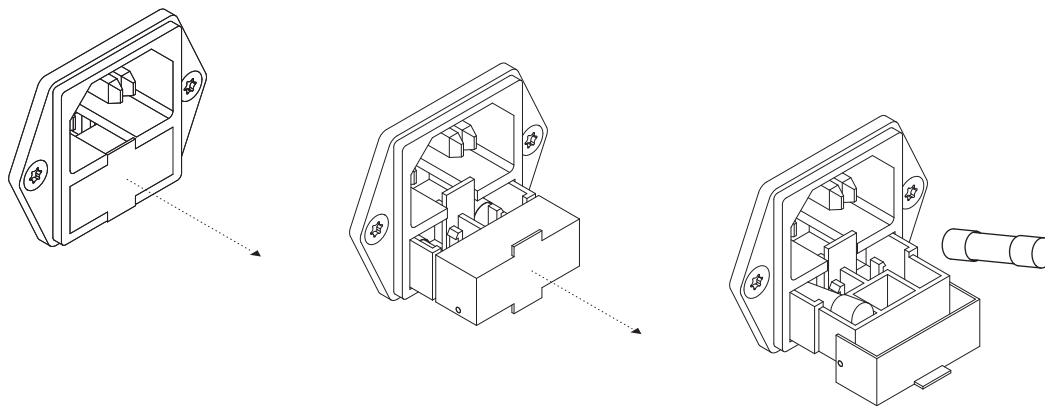
Remote control: 48-Step VOLUME and MUTE



The ARNE can be controlled via the dials on the front of the unit as illustrated, and with the remote control.

7

Replacing the fuses



If the amplifier is not turning on, check that the power to the wall socket is activated, that the power cable is correctly plugged in to the wall and amplifier, and that the power switch is in the ON position. If it is still not powering on, the fuses may need replacing. Disconnect the power cable, make sure the amplifier has cooled down thoroughly, and gently pull out the fuse box as illustrated. Check and replace broken fuses. The ARNE comes with T2A Slow Blow fuses installed. Spare fuses are included.



Technical specifications

8

POWER OUTPUT

30W @1% THD+N, 1kHz

MAINS POWER

115V / 230V
50Hz – 60Hz, 300VA

SENSITIVITY

1V for 30W out @ 5Ω load

INPUT IMPEDANCE

12kΩ

OUTPUT IMPEDANCE

5Ω

FREQUENCY RESPONSE

10Hz to 40kHz +/- 1dB

INPUTS

2 balanced XLR, 2 unbalanced RCA

AMPLIFICATION

20dB

THD (BW 70kHz) 100Hz - 10kHz

20W less than 0,5%

HUM & NOISE

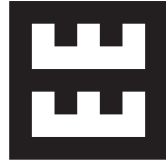
90dB below full output voltage

WEIGHT

38kg

DIMENSIONS (WxDxH)

480 x 450 x 320mm



www.engstromsound.com/arne-manual

