

COPLAND

CVA535



USER GUIDE

Introduction

We would like to take this opportunity to thank you for selecting the CVA535 Power-amplifier. We at Copland wish you many enjoyable hours in the company of fine music.

Please read this owners manual before operating the equipment.

CAUTION!

Various regulation agencies require us to bring the following information to your attention. Please read carefully.

WARNING ! To prevent fire or shock hazard, do not expose this unit to rain or moisture.

! Check that your supply voltage is the same as indicated

! Dangerous voltage inside. Do not open the cabinet. There are no user serviceable parts inside. Repairs should be carried out by qualified service personnel only.

! Ensure that no objects or fluids pass through the ventilation openings. If liquid is spilt into the amplifier, disconnect from the mains and consult a qualified service technician.

Installation

Open the carton and remove the amplifier from its plastic bag. The AC-power cord is placed in the bottom of the carton. Before placing the unit in your home read this carefully.

Do not subject the amplifier to high mechanical vibration.

The trouble free life of an electronic instrument is greatly extended by providing sufficient ventilation to prevent the build up of high internal temperatures that cause deterioration. Allow enough clearance so that cool air can enter at the top. With adequate ventilation the amplifier can be mounted in any position.

The recommended minimum space is 45 cm deep, 45 cm wide and 35 cm high.

Inputs

The CVA535 power amplifier has two types of inputs. A balanced mono input via XLR socket and a non-balanced mono input via RCA-sockets.

Use shielded cables to connect the input and outputs to signal sources.

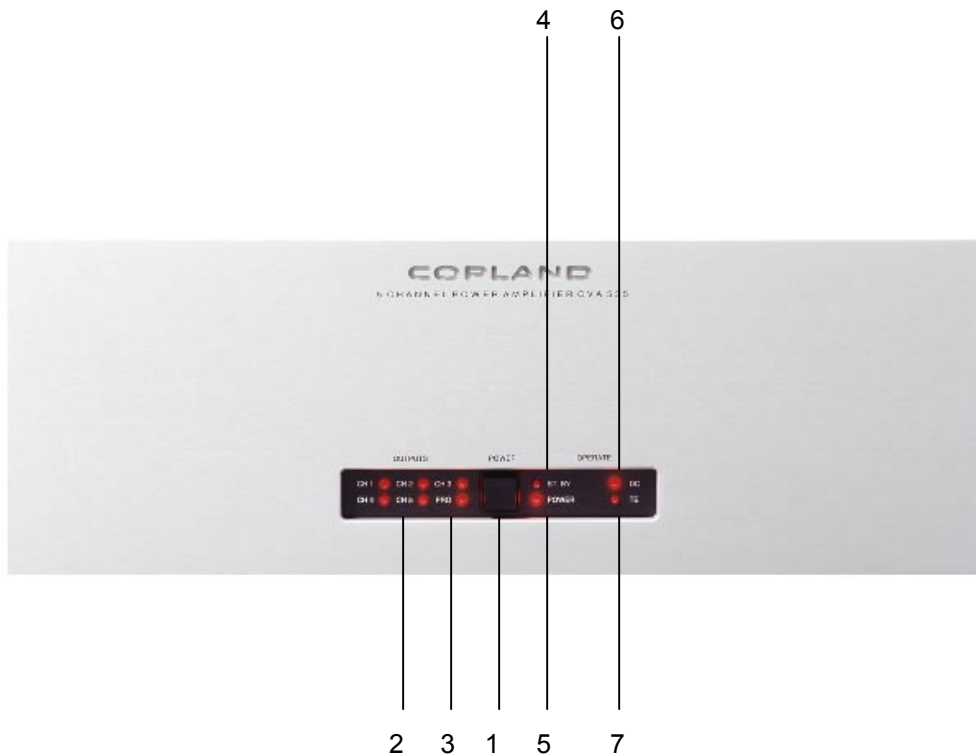
To minimise the possibility to hum, the shielded cables should run parallel to each other or loosely twisted together. Locate the cables away from speaker leads and AC power cords. All connections is made on the back panel of the amplifier.

Outputs

Selection of the proper gauge wire to connect the loudspeakers reserves the quality of sound reproduction for which the loudspeakers was designed.

If undersized wire is used, resistance is added to the amplifier/loudspeaker combination which adversely affects the performance. Added resistance cause reduction of damping characteristics and changes in frequency response.

Front Panel



1 : On/Standby : By pressing this button, the amplifier will be switched between stand by and operation mode cyclically.

2 : CH1. CH2. CH3. CH4 CH5 : When amplifier are switched on these LED lights indicates that the channel corresponding to the illuminated LED are in operation mode.

3 : Pro : Indication for activation of protection circuitry.

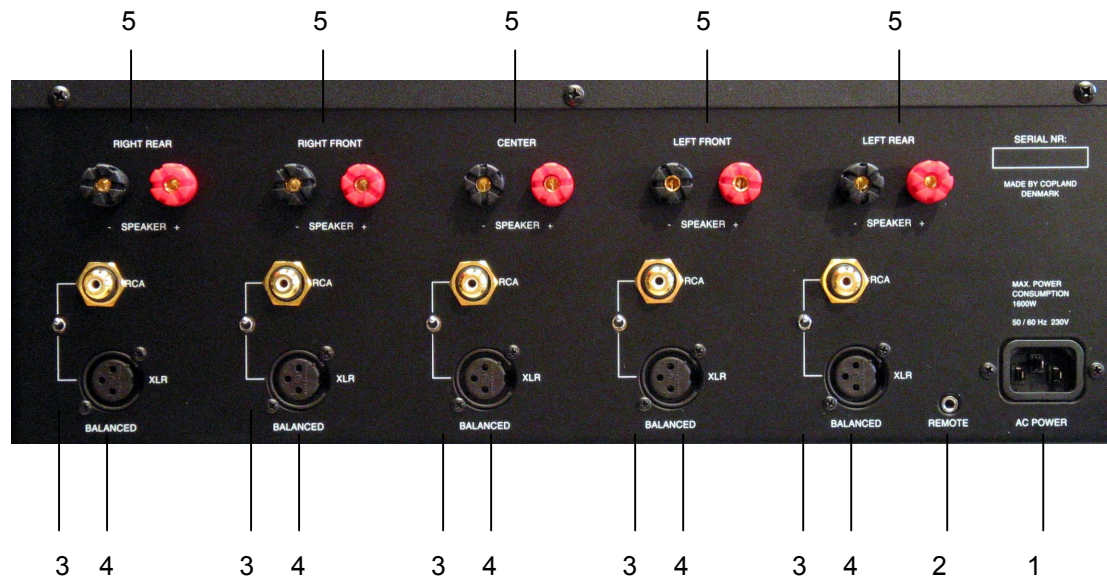
4 : Standby : LED will light when amplifier is in stand by mode.

5 : Power on : LED will light when amplifier is on operation mode.

6 : DC : Indication for DC failure in amplifier. Protection circuitry will be activated.

7 : TE : Indication for temperature overload. Protection circuitry will be activated.

Back Panel



1 : AC Power : The amplifier AC power cord is plugged into a 110/120/220/240 volt 50/60 Hz wall outlet. The right voltage is indicated on the back panel over the AC-power inlet.

2 : 12V Remote : DC-Jack connectors. Allows remote operation of **St.By/Power on** when connected to the remote output of a Copland pre-amplifier or any pre-amplifier with 12V.DC standard remote output.

3 : Input selection switch : Selector for operation mode.
A. For single ended RCA inputs : Place the selector switch in up-position.
B. For balanced XLR input : Place the selector switch in down position.

4 : Inputs : Single ended RCA input or balanced XLR input.

5 : Speaker Output : Connect the positive lead from loudspeaker to the red, and common to the black.

Maintenance

The amplifier is build for a long lifetime, and no special care needs to be taken apart from what is already described under installation

Warranty and Service

Copland provides a warranty to the first purchaser for a period of one year that the amplifier will work perfectly. Copland usually commissions the Copland agency in the country in which the amplifier was purchased to carry out any warranty work. Following consent from Copland in a particular case, the warranty service may also be claimed at an agency in another country.

Specifications

Rated power	125W channel at 8 Ohms
T.H.D.	Less than 0,05% at all levels
Frequency response	20-20 kHz – 0,2dB.
Input sensitivity	1,4 V for rated power
Input impedance	100 K ohms (single ended inputs) 12 K ohms (balanced inputs)
S/N ratio (IHF-A curve)	More than 110 dB
Power consumption	1300 W
Nominal mains voltage	115V or 230V factory set for destination country
Dimensions	430 (W) 168 (H) 410 (D) mm.
Shipping weight	30 Kg.