

Vinci 2125



*20th Anniversary Limited Edition*

VOL / MENU

**VINCI 2125**  
Instruction manual



## Safety instructions

- Please check the packing for any kind of damage upon reception of the goods. If the packing is damaged, please contact your dealer before opening it.
- **!!!!DANGER!!!!** Exposure to high sound pressure levels may cause permanent hearing loss. Hearing loss induced by exposure to high sound pressure levels will vary from individual to individual, but nearly everyone will lose some hearing when exposed for a sufficient amount of time. Therefore, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels, such as this amplifier, wear sufficient ear protection while installing or operating this unit.
- Read all documentation before operating your equipment.
- Keep all documentation for future reference.
- Keep the carton and packing material, even if the equipment has arrived in good condition.
- Should you ever need to send the unit back, please only use the original factory packing.
- Do not spill water or other liquids on or into the unit.
- Make sure power outlets are conform to the power requirements listed on the back of the unit.
- Do not use the unit if the electrical power cord is damaged.
- Always operate the unit with the AC ground wire connected to the electrical system ground.

- Turn the level controls on the amplifiers all the way down during power-up to prevent speaker damage if there are high signal levels at the inputs.
- Do not connect the inputs / outputs of amplifiers or consoles to any other voltage source, such as batteries, mains sources or power supplies, regardless of whether the amplifier or console is turned ON or OFF.
- Power down and disconnect units from mains voltage before making connections.
- Do not use the unit near stoves, heat registers, radiators, or other heat producing devices.
- Do not operate equipment on a surface or in an environment which may distort the normal flow of air around the unit. If the unit is used in an extremely dusty or smoky environment, the unit should regularly be “blown free” of dust.
- Do not remove the cover. Removing the cover will expose you to potentially dangerous voltages.
- Do not drive the inputs with a signal level higher than that which is required to drive equipment to full output.
- Do not run the output of any amplifier back into another input.
- In case of malfunction, this device should be serviced by qualified service personnel only.

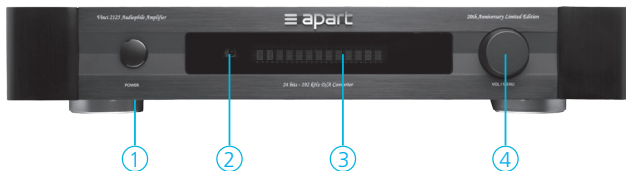
## Introduction

Congratulations on your 20th Anniversary Limited Edition Amplifier purchase. We have done the best we can to assure you pristine audio quality at the best possible price. By combining analog amplifier technologies with state of the art 24 bits/192 kHz digital to analog converters, we have created a stylish high fidelity music control center in a slim package.

A few headlines: CS8416 digital audio interface receiver and AD1955 multibit delta sigma decoder chips, OPA2134 operational amplifiers, CS3310 volume control chip... All high quality components usually found in high-end gear from exclusive manufacturers.

With 3 analog input pairs, a high-end phono preamp for MM or MC pick-up elements and 4 digital inputs, VINCI 2125 will be your reference amplifier for many years to come.

## Operation



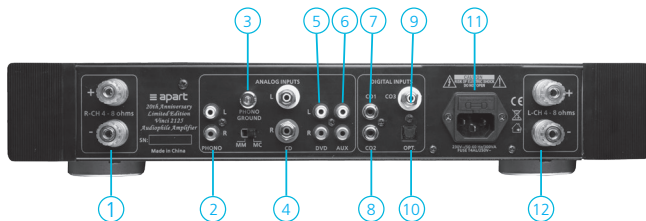
1. **Power switch:** push the switch to power the unit on or off.
2. **Infrared control receiver:** do not cover this area.
3. **VFD display:** shows the selected input (e.g. "CD") and actual volume setting (e.g. "-12dB").
4. **Volume & Menu knob:** in normal mode, turn to the right to increase the volume, turn to the left to decrease. Push briefly to switch to the next input: CD, DVD, AUX, PHONO, CO1, CO2, CO3, OPT. The volume range is from -30dB to +41dB. The amplifier will memorize the last volume setting if the volume is lower than +20dB. If the last volume setting is above +20dB before power off, the amplifier will be set automatically to +20 dB at next power on. If the last setting is below +20dB, the amplifier will be set to the last known volume level.

Error message on the display: if "PROTECT" appears on the display, the amplifier will mute the outputs and no sound will be heard. This can have following reasons:

- The load impedance is lower than 4 ohms, resulting in excessive power requirements.
- There is a short circuit at the output: the speaker line or the speaker itself is short circuited.
- There is a foreign voltage present on the speaker line(s).
- The amplifier is overheated.

Power off the amplifier, remove all speaker wires and inputs and remove the error condition. If the amplifier is overheated, allow it to cool down first.

If the error persists, consult your dealer for further assistance.



1. **Right channel speaker:** connector positive and negative terminal. Do not short circuit these terminals!
2. **Phono input:** left and right analog input on RCA connectors.
3. **Phono ground:** connector and mode switch: set to MM for moving magnet pick-up elements, set to MC for moving coil pick-up elements.
4. **CD analog input:** left and right input on RCA connectors.
5. **DVD analog input:** left and right input on RCA connectors.
6. **AUX analog input:** left and right input on RCA connectors.
7. **CO1 digital input:** coaxial SPDIF digital input on RCA connectors.
8. **CO2 digital input:** coaxial SPDIF digital input on RCA connectors.
9. **CO3 digital input:** coaxial SPDIF digital input on RCA connectors.



10. **OPT optical input:** input on Toslink® connector
11. **Power socket:** with integrated mains fuse. Please replace only by a fuse with the same voltage and current rating. If the fuse blows regularly, consult your local dealer.
12. **Left channel speaker:** connector positive and negative terminal. Do not short circuit these terminals!



Use of the infrared remote control unit is straight forward: press PHONO, CD, DVD, AUX, CO1, CO2, CO3 or OPT to select one of the analog or digital inputs.

Press VOLUME+ to increase the volume level, press VOLUME- to decrease the level.

Press MUTE to mute the outputs. Press MUTE once more to unmute the outputs.

Press DIM to dim the brightness of the VFD display in 5 steps.

Information on handling batteries / rechargeable batteries.

Please adhere to the following information when handling batteries and rechargeable batteries:

- Keep batteries out of children's reach.
- Batteries are hazardous waste and do not belong in household waste.
- Ensure correct polarity when inserting batteries.
- Always remove batteries when the remote control is not in use for longer periods of time.

## Technical specifications

Output power per channel	80 watts @ 8Ω 125 watts @ 4Ω (RMS, THD<1%)
Load impedance	4-8Ω (recommended)
THD	<0.038% (8Ω load @ 1W/1KHz)
Signal to noise ratio	>96 dB (A-weighted)
Frequency response	10Hz-60KHz (+1/-3dB)
Line input impedance	10KΩ
Line input sensitivity	250 mV

Phono input impedance MM	51 k $\Omega$
Phono input sensitivity MM	<15 mV
Phono input impedance MC	100 $\Omega$
Phono input sensitivity MC	<1 mV
Digital input coaxial	SPDIF standard / 75 $\Omega$
Digital input optical	SPDIF standard / Toslink®
Channel separation	>90 dB
Protection circuits	Overcurrent, high temperature, DC offset
Power supply	230VAC +-10% / 50-60Hz
Fuse rating	4A / 250V slow acting fuse 20 x 5 mm
Power consumption	<300 watts at full RMS output power / 8 $\Omega$
Net weight	11.6 kg
Dimensions WxDxH	445x450x66mm (without feet, 80 mm with feet)
Gross weight	14.2 kg
Packing dimensions	Inner carton 518x505x141, outer carton approx 535x521x166
Infrared remote control WxHxD	50x165x22 mm
IR control batteries	2 x AAA type
Accessories supplied	Power cord, manual, infrared remote control unit.

**developed**  
**by**  
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Apart-Audio specifications are subject to change without notice.

