



ELECTROCOMPANIET

If music really matters...



PI-1

Unpacking the PI-1

Immediately upon receipt of the PI-1, inspect the carton for possible damage during shipment. The carton and packaging have been designed to provide the safest possible protection for transport of your integrated amplifier.

Unpack the unit carefully. Save all packaging materials for future shipment.

The contents of the carton

1 pcs Electrocompaniet PI-1

1 pcs AC mains cord.

1 pcs inspection card.

Set up procedure

Before connecting the PI-1 to the mains, check that the main voltage indicated on the rear panel corresponds to the line voltage in the territory where you intend to use the unit.

How to avoid damages

Do not under any circumstances connect or disconnect equipment when power is turned on.

The design of the RCA plug generates a huge transient when inserted.

Connecting or disconnecting equipment with the power on can result in severe damage to both speakers and amplifier.

How to avoid noise problems

The PI-1 contains delicate circuits that are sensitive to magnetic stray fields.

The unit should not be placed near main transformers, TV sets, etc. Care should also be taken regarding placement of the interconnect cables. Do not run interconnect cables in parallel with main cords or speaker cables. Keep interconnect cables as short as possible.

How to avoid possible antenna problems

In some set-ups hum may occur when you connect the radio, VCR or TV to your system.

The problem is caused by DC voltage coming from your antenna.

Please contact your cable network operator.

How to connect your system

See illustration 1.

Inputs

Single-ended operation:

There are two sets of single ended inputs labelled Tuner and HT/TV.
All inputs are similar regarding sonic performance.

Balanced operation:

There are two sets of balanced inputs labelled AUX and CD.
The balanced mode can only be used if the signal source has a balanced output. Use an XLR interconnect with GND on pin 1, + on pin 2 and – on pin 3.

Speaker Outputs

Connect the red connector to the plus side on the speakers and the white connector to the minus side on the speakers.

Never short the positive output to ground or chassis.

Always switch the PI-1 off when you connect the speakers.

Front panel

See illustration 2.

The main switch is located on the left side of the front panel.

The four buttons on the right-hand side of the front panel is used to adjust the volume and select the input source.

Use the up and down buttons to adjust the volume, and the left and right buttons to select input source. The volume goes from 0 to 127.

The available input sources are:

CD :	Balanced operation on source connected to CD input.
TUN :	Single ended operation on source connected to Tuner input.
HTV :	Single ended operation on source connected to HT/TV input.
AUX :	Balanced operation on source connected to AUX input.

Navigator window

This window in the middle of the front panel shows what source that is currently active and the current listening volume.

How to power up your system

You should always power up your system in the following way:

Signal sources (CD player, tuner, etc.) first, then the PI-1.

When switching off your system

First turn off the PI-1, then the signal sources.

Error codes

If the PI-1 is not working properly, the display will show an error code.

These error codes are:

Error code	Description
ERR SC	Short circuit on the loudspeaker terminals. Make sure that the + and – parts of the loudspeaker cables are not in contact and that the speaker cables are not in contact with the PI-1.
ERR DC	Internal fault. Please contact service.
ERR TMP	The PI-1 has overheated. This is caused by either playing too loud for a long period of time or not enough free space on the sides or above the PI-1. Turn down the volume and make sure there is enough free space around the PI-1.

Input configurations

XLR input: 1 = ground 2 = positive 3 = negative
RCA: Circle = ground Centre = positive

Technical specifications PI-1

The following technical data were measured on randomized test objects and are typical data.
All measurements are made at 120V / 240V // 50Hz / 60Hz

Measurements

Input impedance	47 kOhm
Output impedance	0,04 Ohm
Noise floor (0 dB gain)	< -100 dB
Frequency response	1 – 200 kHz
Channel separation	> 120 dB
THD + N	< 0.006%
Maximum peak current	> 30A
Damping factor	> 250

Rated output power THD = 0,2%

8 ohm	2 x 50 W
4 ohm	2 x 75 W
2 ohm	2 x 110 W

Power consumption (no load or signal) 80 W

Dimensions

Width	420 mm
Depth	340 mm
Height	70 mm
Weight	12 kg

Specifications subject to change without further notice.

Important Notice

For optimal sonic performance, the PI-1 should be burned in for a minimum time of 72 hours. If the PI-1 has been switched off, allow two hours of warm-up for optimal sonic performance. Proper ventilation is important. Never cover the ventilation area. A good rule of thumb is to allow at least 3 - 5 cm (1 - 2 inches) of air sidewise, and 5 – 8 cm (2 - 3 inches) above the PI-1.

If service is needed

Your dealer will have all relevant information regarding the service centre in your area and will ensure that your unit is serviced with minimum delay. It is our general policy to have your unit returned to you within five working days. This is an average time and can vary locally, depending on the workload at that particular service centre. If, for some reason, there are no service facilities available in your country, please ship the unit to the following address:

ELECTROCOMPANIET AS,
BREIVIKVEIEN 7,
4120 TAU,
NORWAY

Switchboard: +47 51 74 10 33 Fax: +47 51 74 10 10 Service: +47 51 74 10 23

E-mail: sales@electrocompaniet.no

Web: www.electrocompaniet.no

Service department: service@electrocompaniet.no

The end-user is responsible for all shipping charges, insurance, and re-importation and duty charges.

When shipping a product to the factory for service, always include the following:

1. A sales slip or other proof of purchase if repair is claimed under warranty.
2. A proforma invoice with value of goods, stating that the amplifier is being returned to Norway for repair.
3. An accompanying letter describing faults, symptoms, or problems with the unit.
4. Always ship the unit in its original carton and packaging material to prevent damage in transit. Electrocompaniet will not cover damages incurred in transit.

If you require further information concerning the operation of the unit or if you have any questions related to service, please do not hesitate to contact your dealer or national distributor.

Illustration 1 – Back panel

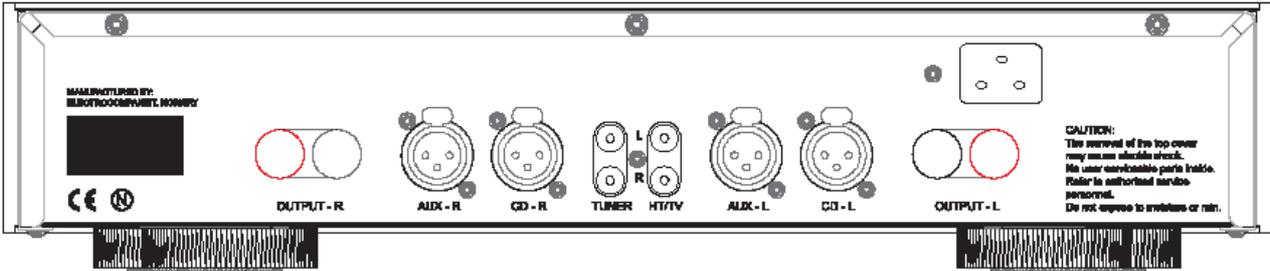


Illustration 2 – Front panel

