



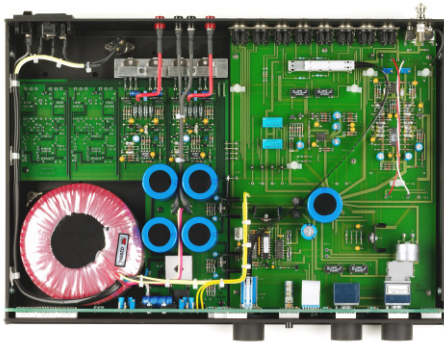
**BI-AMP 1-2**

**BI-AMP 1-2 2-Channel Integrated Amp**

Can feelings be amplified? - Well, we believe that given you feed it with the right music, this BI-AMP 1-2 can. The use of different exchangeable boards means you can configure the BI-AMP 1-2 to match your demands exactly.

“Ingo Hansen and his mates certainly knew where to start to achieve more than just another component; which ultimately means you’ll get emotion guaranteed!”

IMAGE HIFI / ULRICH MICHALIK



**CHARACTERISTICS**

2 x 50 Watts continuous output into 8-Ohm loads; 6 DIN inputs; 2 DIN pre-outputs; remote-control “REMOTE-KIT”; line-out for multi-room & multi-channel AV-Systems; UPGRADE-Options: MM & MC phonestage; active crossover “X-OVER”; bi-amping module “BI-BUTT” (Active-Butterworth-Filter); Upgrade to 4-channel poweramp-section.

This resulting BI-AMP is dedicated to highest audiophile performance, unsurpassed in most pre & power amplifier combinations. It performs accurately and deserves to be played loud. Where other amps begin to compress or run into heavy clipping, the BI-AMP lets the instruments breathe. Even at extreme sound pressure levels, it keeps cool like a sports car cruising at over 100 mph on a flat German Autobahn.

**Unique layout.** By using a multi-layer board, we have achieved a quick, stable power supply for all the stages. The entire current capability of the amp is improved. Dynamism, speed and maximum power output reach unbelievable levels (a level that some even far more expensive rivals will never meet). Star earthing and sophisticated layouts further improve the impression of being really close to the stage.

**More power.** An extremely high performance Toroid transformer offers supreme stability and signal reproduction. The BI-AMP delivers peak levels up to 20 Ampere and stays absolutely stable with loads as low as 1.4 ohms.

**Job rotation.** The optional phono boards are designed for quick exchange. You can choose two performance levels for either MM or MC cartridges. Impedance and capacity settings are widely variable. They can be optimised for your favourite pickup when you order your PHONOSOPHIE amplifier. Audiophile orientated circuit design with sophisticated board technology and selected components ensure that the BI-AMP is the right choice for the discerning ear.

**Bi-Butt kicks your... and gets you closer to the stage.** The optional BI-BUTT board (erhem, stands for double Butterworth filter, or what did you think?) enables the adaptation of the speakers to the room. By limiting the bandwidth on both ends of the frequency range, the filter board is used in our integrated amplifiers, to improve the inherent dynamic behaviour of the amp and precision of the individual channels.

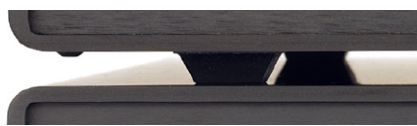


It talks German fluently: DIN deals with connections. PHONOSOPHIE employs DIN sockets for all connections other than Phono, for which we use BNC terminals.

The lockable DIN connectors offer mechanical and electrical advantages. By using a common ground, we avoid the inclusion of different potentials, so that hum doesn’t interfere with the sound quality.

BNC connectors are standard in the measuring business and everywhere where extremely low level signals have to be handled. No wonder that we believe that BNCs are the best choice for transmitting the sensitive phono signal to the amp.

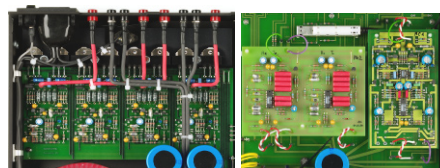
Banana plugs offer the most precisely defined contact with the largest surface area of all loudspeaker connectors and guess what: that’s why we use them in all our amps!



**Less vibration.** PHONOSOPHIE uses cases made of carefully treated aluminium (4 mm thick) with finest grade of surface polishing.

In contrast to the heavy armour wrapped around common high end audio components, it will not suffer from vibration energy trapped between thick metal sheets. Instead, this kind of lean construction offers more control when dealing with vibrations as they are eliminated from the cabinet in the shortest time possible.

To reduce vibration effects even further, you can use our racksystem, which is complimentary to the cabinets design and supports them perfectly for optimum sound reproduction.



More options. The BI-AMP 1-2 is upgradeable to a 4-channel integrated amp. What for? Bi-Amping out of one box!

Or do you prefer to activate your system? No problem, with that X-OVER-2 plugged in, you can activate and precisely adjust your passive speakers from brands like Naim, Linn, PHONOSOPHIE and others.

More dynamic and control with 2 channel or bi-amping? Plug in BI-BUTT.

**TECHNICAL DATA**

Max. Output power:	
RMS (8/4 Ohms):	2 x 50/75 Watts
DIN (8/4 Ohms):	2 x 55/85 Watts
Impulse response (8/4 Ohm):	2 x 60/95 Watts
Low impedance capability	1.4 Ohm
Input impedance of power amp	22 kOhms
Sensitivity of power amp	0.707 V
LINE Inputs:	CD/AUX/TAPE1/TAPE2/TUNER/PHONO (optional BNC)
Input sensitivity	RCA
Input impedance	62 kOhms
Channel separation at 1 kHz	> 90dB
Output impedance (pre amp)	50 Ohm
max. output level (pre amp)	7.5 V
Power Supply	
Mains voltage	230V ~ 50 Hz
Power consumption	min. 28 Watts max. 450 Watts
Mains fuse	230V / 3.15 A
Dimensions (W x H x D):	447 x 70 x 340 mm
Weight:	approx 8.5 kg

**STANDARD ITEMS SUPPLIED**

- PHONOSOPHIE BI-AMP 1-2
- Power cord CU (copperplated contacts)
- 4 x Banana plugs CU for speakers (copperplated contacts)
- Remote control unit + batteries
- Owner’s manual

**BTO-OPTIONS (BUILD-TO-ORDER)**

Besides choosing the standard version, you can make use of the option, to purchase an individually configured BI-AMP at your authorized PHONOSOPHIE dealer. These BTOs are:

- Phono (MM and MC)
- BI-BUTT (increased dynamics plus room adaption)
- X-OVER (active cross over for use with external power amp)
- Version AG (Powercord with silverplated contacts)
- Export version (115 V / 60 Hz)

**ATTENTION!** Only buy Phonosophie equipment after you have heard it! The design and construction of our components does not necessarily follow normal Hi-Fi practice. So please check first that “more live” corresponds to your own requirements for music reproduction!