



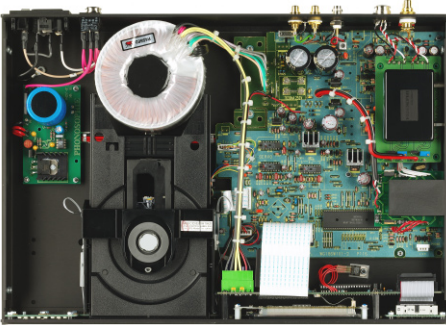
IMPULS 2

IMPULS 2 CD-Player

Compared to its smaller brothers, we have improved the CD digital data read out significantly resulting in less data interpolation. Together with further advancements on the output filter stage, the musical talents of the IMPULS 2 are expanded to an extent that really invites you to step up to the stage.

“The IMPULS 2 brings the music to life. You feel comfortable after the first bar. Nothing disturbs, you are not reminded of hi-fi equipment ... The emotions play the most important key role and stand in the foreground.”

HÖRERLEBNIS / MARCO KOLKS



It talks German fluently: DIN deals with connections. PHONOSOPHIE employs DIN sockets for all connections other than Phono, for which we use BNC terminals. Following our golden rule, to provide the best possible signal flow, the IMPULS CD players are connected to the amp via lockable DIN connectors. Gold RCA terminals (WBT 0244) are available optionally.

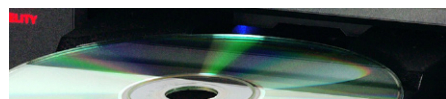
The lockable DIN connectors offer mechanical and electrical advantages. By using a common ground, we avoid the inclusion of different potentials, so that hum doesn't interfere with the sound quality.

TECHNICAL DATA

Sampling frequency:	44.1 kHz
Quantization / Channel:	16-bit linear
Digital – Analogue Converter / Channel:	1-bit linear
Synchronisation:	Quartz
Frequency range:	5 Hz - 20 kHz
Volume range:	> 96 dB
Unweighted signal-to-noise ratio:	> 104 dB
Channel Separation (1 kHz):	> 102 dB
Distortion factor (1 kHz):	0.0025 %
Analogue Output:	2V RMS / 200 Ohm
Digital-Output	0.5Vp-p / 75 Ohm
Display:	Graphically HD- Point matrix

CHARACTERISTICS

1-BIT D/A-Converter; Philips mechanism for ultra reliable and stable play-back; high performance analogue output filter; Ultralow noise toroidal transformer and smoothing capacitors provide exceptional dynamic stability; remote-control; PH-PK2 LF-Cable (PK2-DB52 or PK2-DD55), BNC-DIGIPLUG. UPGRADE-Options: to IMPULS 3.



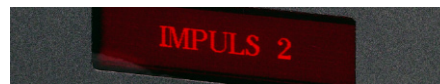
More live. The light reflected sideways from the edge of a CD creates phantom information that interferes with the coherence length of the scanning laser light. This is reflected back on the CD and adversely affects the data-read process.

The Disc-Floating mechanism of the IMPULS improves the optical noise suppression by emitting complementary blue light on the disc. The result is a reduction of read - errors which means, that there is less need for interpolation operations of the DSP circuits.

With the IMPULS 2 CD Player you can forget HiFi and concentrate on the music. It fulfils the requirements of both audiophile and music lovers alike, for whom technical specifications mean little, by maximising the listening experience.



More power. The ideal power supply should be like a sports car: as powerful and fast as possible. So, to out-pace rivals, the IMPULS 2 has a tailor-made toroidal transformer with separate windings. These also feed the digital and analogue filter sections with extra power and result in extraordinary musical timing.



More information. All IMPULS range CD players have the same striking front panel design with red illuminated PHONOSOPHIE logo and controls. The high resolution DOT matrix display is one of the most sophisticated of its kind. Numbers and letters are displayed in deeper proportion than standard displays can offer. The display and control illumination can be dimmed or switched off entirely for optimal sound quality.



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. A special feature is the possibility of maximising the listening experience with the IMPULS 2 by an additional external power pack.

More value. IMPULS CD players can be upgraded whenever it suits you. An upgrade is more cost-effective, making long term investment a sensible and intelligent choice. Our policy helps to conserve natural resources, products are built to last longer than those produced with the usual manufacturing methods and ever quicker changing product cycles.

Connections	
Analogue:	Standard configuration: 5-pin DIN
Optionally Connected:	WBT Phono-Gold plated
Digital:	BNC - Coaxial
Remote Control:	RC5 Code.Large range by double diode (16 Metres)
	20-Title-Programming, Total-/Remain-Time, Digital Volume Adjustment

Main Capacity:	20 Watt
Dimensions (W x H x D):	447 x 70 x 340 mm
Weight:	7 kg approx

STANDARD ITEMS SUPPLIED

- PHONOSOPHIE IMPULS 2
- Power cord with copperplated contacts
- 1 x interconnect cable
- Remote Control + batteries
- DigiPlug
- Manual

BTO-OPTIONS (BUILD-TO-ORDER)

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

- RCA terminals wired
- Version AG (Powercord and speaker terminals 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!