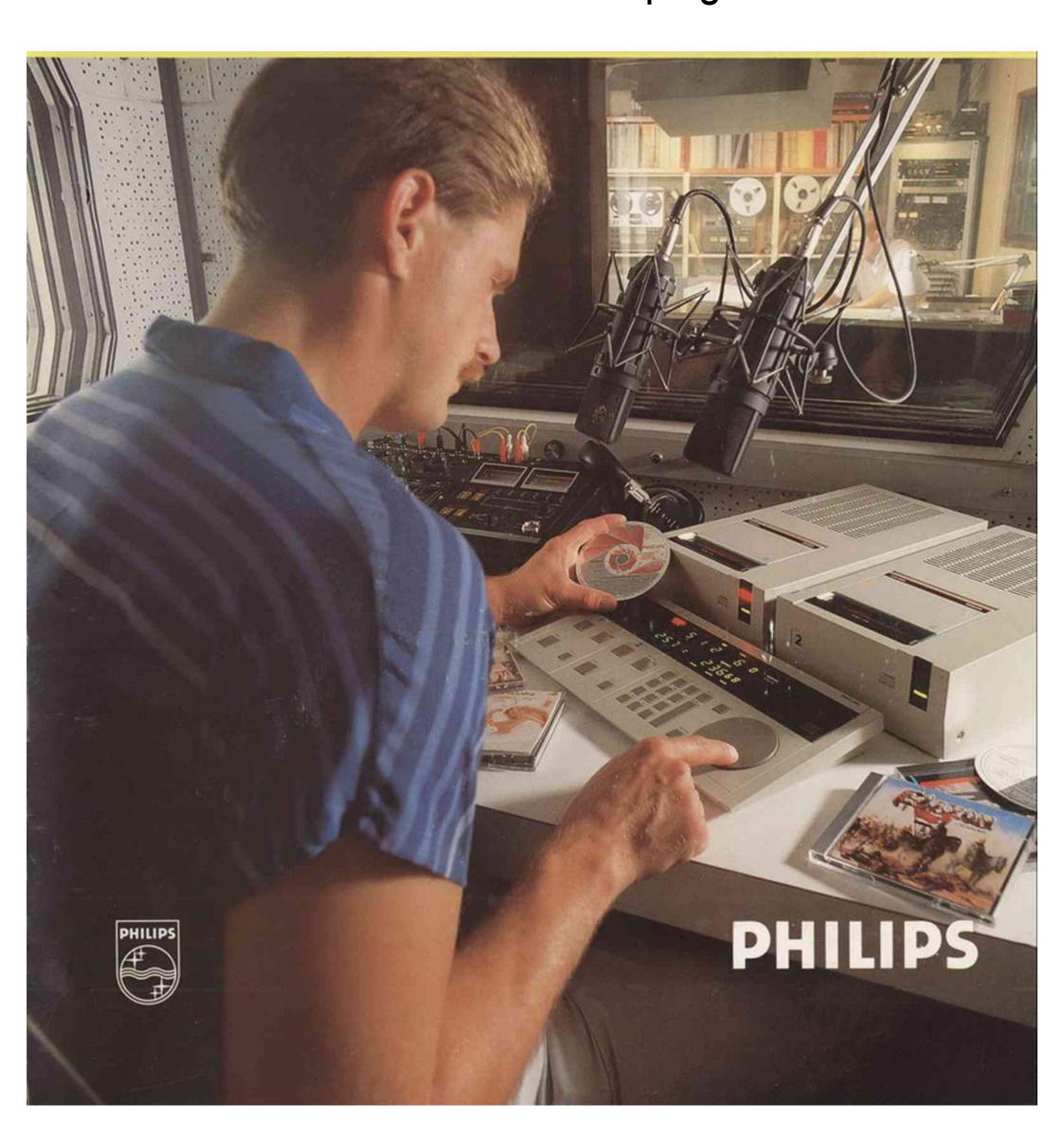
LHH2000 Professional Compact Disc Player System

The precise answer for music programme makers







The search for perfection

The Professional CD-Player System is a logical addition to Philips' already extensive contribution to the new era of the compact disc. As a pioneer of the concept. Philips is continually striving for the ultimate in equipment that enables this revolutonary new sound technology to be utilised to the optimum.

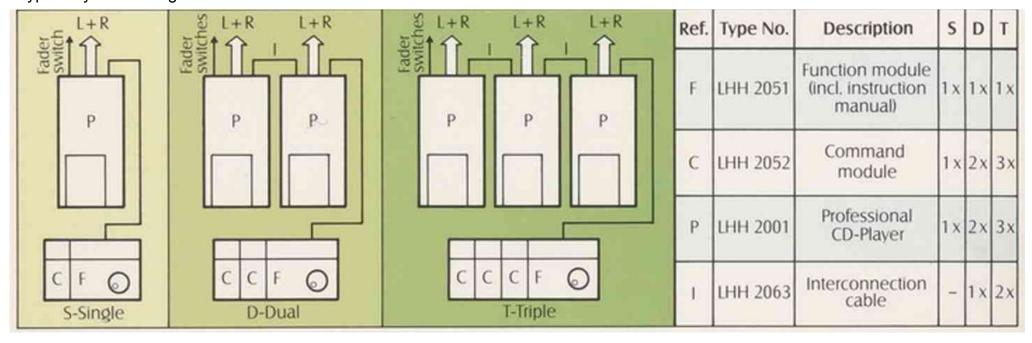
The Professional CD-Player System represents what is perhaps today's finest

tool for the professional studio that creates its music programmes using timecode channel information. With Philips, however, technology does not stop at today, we are also looking at tomorrow. So to anticipate likely trends in compact disc development we have also built into the CD-Player a connector via which, as the technology comes available, the system will be able to

handle R to W channel information. I his will for example, permit the display of accompanying graphics.

For further information on Philips compact disc products and systems for the professional world, or for data on the Philips technique on the actual mastering of the discs, please contact the address below.

Typical system configurations



Product summary

Professional CD-Player Configuration:

table top model

Number of channels:

2

Optical stylus:

Semi-conductor laser

Frequency range:

20 Hz-20 kHz ±0,5 dB

Total harmonic distortion:

less than 0,01% (20 Hz-20 kHz)

Wow and flutter:

below measurable limits

Dynamic range:

more than 90 dB

Crosstalk damping:

80 dB (1 kHz-20 kHz)

Channel separation:

more than 80 dB (1 kHz-20 kHz)

Error correction:

CIRC (Cross Interleave Reed

Solomon Code)
Outputs; connectors:

Line out via 2 Cannon XLR 3-pin

Impedance:

less than 40 ohms

Level:

6 dBm in 600/300 ohm balanced

Headroom:

6 dB

Phase shift between R and L at 20 kHz, less than 10°

Access time:

less than 2 sec.

Audio rise time:

within 0,3 sec.

Dimensions (wxhxd):

219x99x450 mm

Weight:

7,3 kg

CD-Drive Control Unit

Configuration:

table top or desk mounting; modular design for single, dual-, and triple-installations

Command module:

for individual pre-checking and play-off; modes-play, stop (pause), repeat, ready, on-air (at fader start)

Function module:

for searching and determining cue points with access to track and index numbers; time in minutes/seconds/ frames via keys and dial

Key selectable functions:

auto-on; auto-off; RTL-on; RTL-off; test time; dial repeat time; dial fast 1; dial fast 2 Dial (bi-directional use):

scan mode-4 min./rev; fast search 30 sec./rev; precise search 1 sec./rev; with time selectable repeat function;

search accuracy ±1 frame

RTL (Real Time Left) display

(lime to Stop Cue):

accuracy 2 frames

Dimensions (wxhxd);

-Function module keyboard:

200x52x190 mm

-Command module keyboard:

80x52x190 mm

-Side support (each):

15 mm wide

Weight;

- Function module keyboard:

0,95 kg

-Command module keyboard: 0,3 kg

General

Power supply:

110,130, 220, and 240 V or 120 V, 50/60 Hz

Power consumption:

approx. 30 W per combined player and keyboard

PHILIPS

Computer bus:

optionally available



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Specification details subject to change without notice.

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