Interactive
Media
Systems

CD-I

CDI-180

CD-I PLAYER MODULE CDI 180

Features

- **Part of the Philips Modular CD-I system**
- **Operates with CDI 181 Multi Media Controller**
- **User-friendly ergonomic design concepts**
- **Plays CD-Interactive and CD-audio discs**
- **Easy disc loading and storage with caddy**
- **Fully modular configuration**
- **Occupies minimal desk space**
- **Provides digital readout data for processing**
- **Meets internationally accepted CD-I standards**

The CDI 180 is an advance-technology CD-I Player module that has been purpose designed as part of a sophisticated Philips CD-Interactive system. This user-friendly system fully exploits the tremendous information capacity of the standard 12-cm/5.1/4-inch compact disc format. It will also play CD-audio discs and the audio section of CD-video media.

The function of the CDI 180 Player is to accept the CD-I disc, read it out - under the control of the Multi Media Controller (MMC) - then supply an appropriate digital signal output to the MMC for processing. The output from the MMC is displayed on a suitable video/TV monitor which presents the CD-I program under the direct control of the user. The user-friendly design concepts of the CDI180 maxi-

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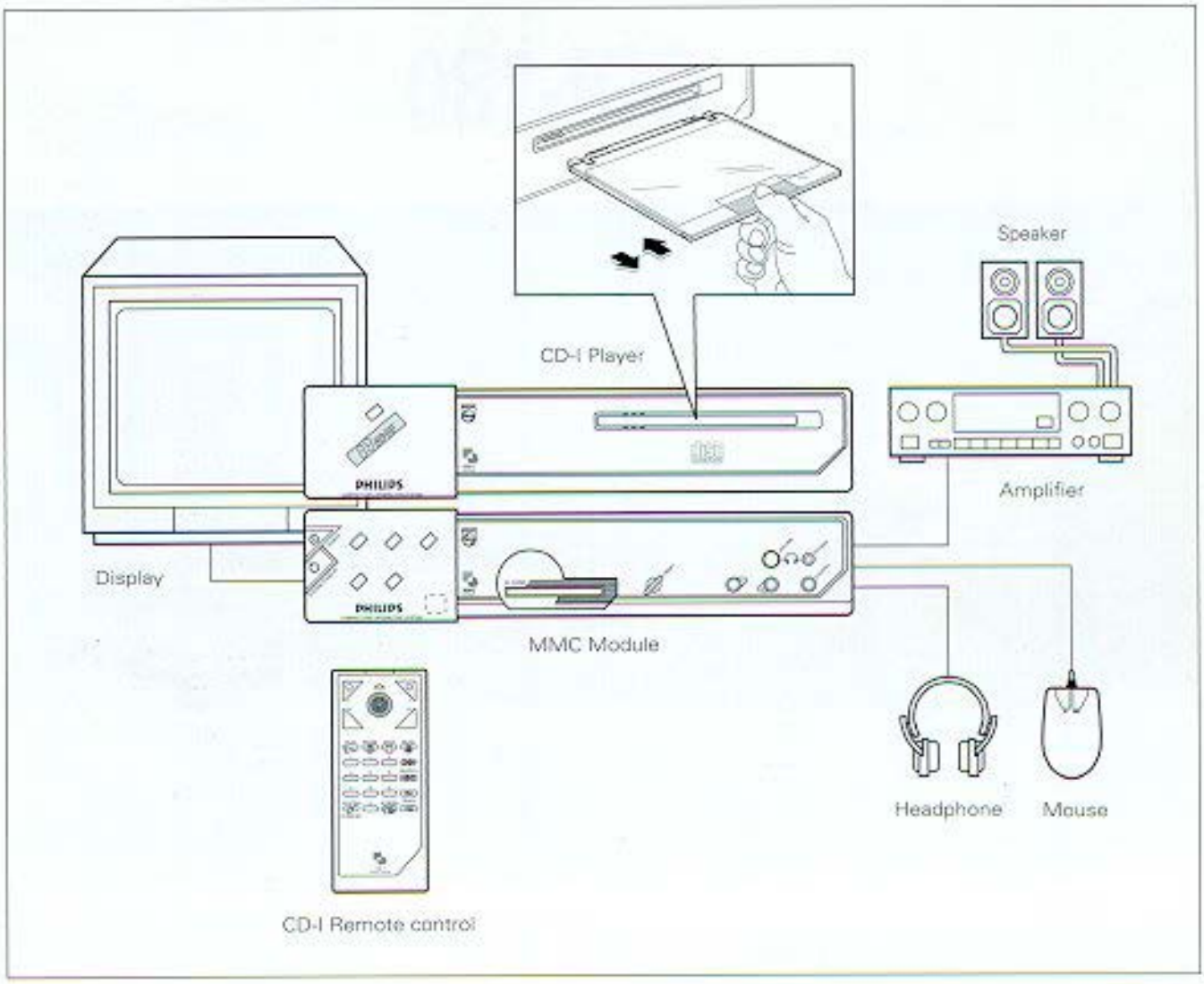
mize the exploitation of the CD-I media but minimize man/machine interfacing. The CD-I player system is intended primarily for use in institutional and professional applications, such as education, training and electronic publishing.



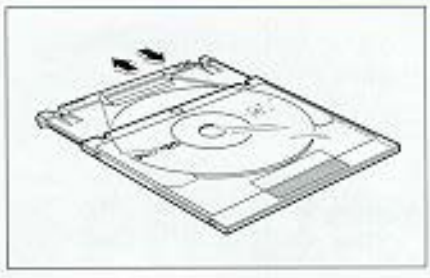
MODULAR CONFIGURATION

The CDI 180 is one of a series of three modules. Two only of these are required to make up the powerful Philips CD-Interactive system. The third module is for extending the resident memory capacity and/or system communication capabilities. The modules are of pleasing, contemporary, styling and are designed for stacking one above the other, occupying minimal desk space. Electrical and mechanical interconnection is straightforward and uncomplicated.

REALLY EASY TO USE

This extremely sophisticated, yet easy-to-operate, system offers tremendous flexibility, giving virtually unlimited scope to both CD-I program producer and end-user. It will handle all recorded compact discs produced in accordance within established CD-I-international standard.

The clean mechanical design features of the CDI 180 make it extremely easy to operate. All the user has to do is insert the program disc into the player slot. Discs are pre-loaded into a two-part plastic caddy which slides easily into the player. This action automatically locates the disc in the playing position. The disc, held firmly in its mounting frame, is retained in this position and the now-empty box is withdrawn.



The reverse action removes the disc after use. The box is inserted into the slot, as before, and the disc and its frame are relocated within the box (inside the player) ready for withdrawl. The box is now slid outwards with the disc already contained inside. This caddy facility avoids physical handling of the media and provides a practical, robust and compact storage element.

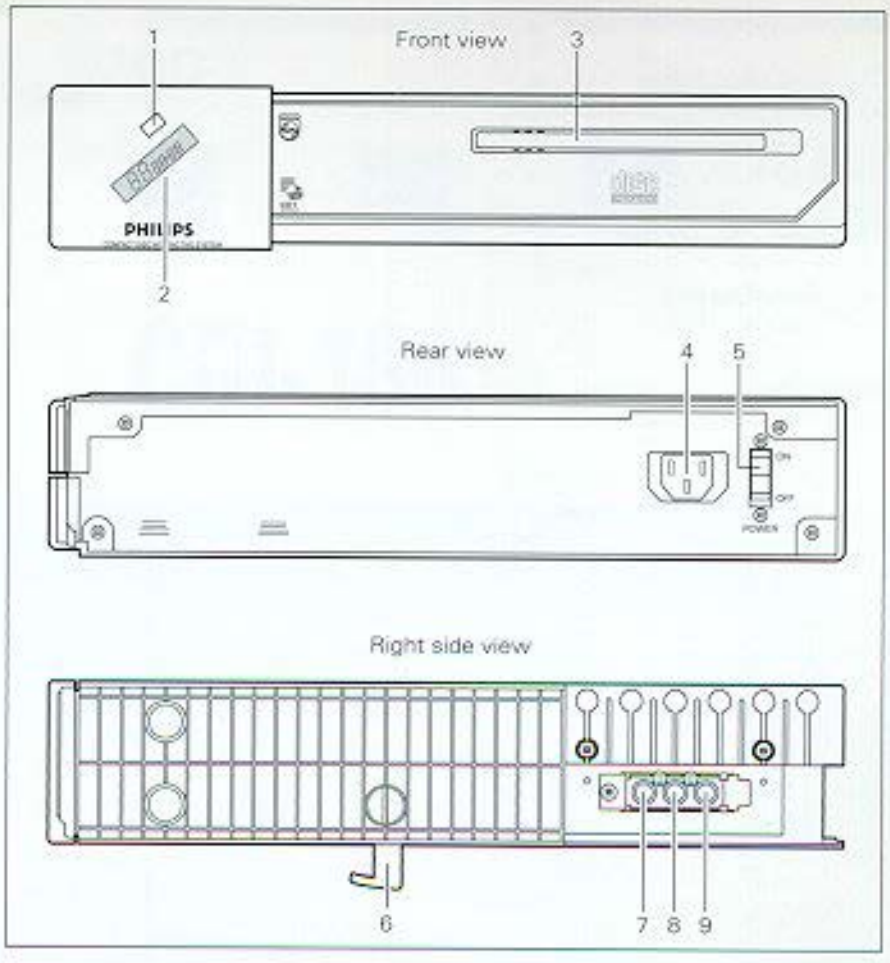
CD-I control is achieved by the use of simple pointing devices (such as a mouse) which are used for the positioning of the cursor or activating a displayed item. This allows the user to handle the system without knowledge of symbols, keypath, etc. Basic CD-DA controls, such as PLAY, PAUSE, STOP, MUTE, etc. are grouped together on a single hand-held remote control pad. LED indicators and LCD-display are located on the front panel. These indicate power on, track/index/time indicator, etc.

The digital output, control-signal input and clock output interfaces are located on the right had side panel. The power on/off switch is fitted on the rear panel. (This is normally left ON because the master power control is located on the MMC module). A mechanical interlock secures the modules firmly together.

POWERFUL, SOPHISTICATED PERFORMANCE

Operated in conjunction with the Philips CDI 181 Multi-media Controller (MMC) the CDI 180 Player module will accept CD-I discs containing any combination of sound, natural pictures, text and graphics. Moreover the complete system offers an unprecedented degree of flexibility in its audio/video possibilities. This total CD-I system therefore presents a quite outstanding medium that allows the user to achieve unparalleled possibilities attainable by CD-I technology.

Microprocessor-controlled, the player-plus-MMC combination allows the user instant access to the stored information interactively. It also allows an extremely high degree of control over the program. This extensive range of personal program control is achieved by means of the remote controller and/or a mouse - which allows the user to call up any desired screen image by pointing it at on-screen menu displays. There are various system options available, including RS232 serial communication interface, basic CPU memory expansion, joystick, printer, etc., as defined by the application on the disc.



PLAYER CONTROLS, LED's AND CONNECTIONS

1 Power on/off indicator
2 Display panel
3 Caddy insertion slot
4 Power input socket
5 Power on/off switch
6 Mechanical interlock
7 Clock output interface
8 Digital output (DO) interface
9 Control signal (RS) interface

PACKAGE CONTENTS

CDI 180: CD-I Player module
3 x Cinch cables to MMC
AC power cable to MMC
3 x caddys

TECHNICAL DATA

Rotational speed
200...530 rev./min.

Interfaces
- Digital output (DO)
  Connector - Cinch
  Signal - sampling frequency
  44.1kHz +/-5%
- Control signal (RS)
  Connector - Cinch
  Signal - asynchronous at
  1200 baud
- Clock signal (Clock)
  Connector - Cinch
  Signal - 22.5792MHz

Power supply
CD-I 180/20 - 220V
/25 - 240V
/37 - 120V
Frequency -50/60 Hz

Consumption
20 W (approx.)

Dimensions (w x h x d)
360 x 75 x 362 mm
14.2 x 3 x 14.25-in. (approx.)

Weight
5.5 kg
12 lb. (approx.)

The products and service described herein are not necessarily available in all countries. Due to continuous product improvements this specification is subject to change without notice. Printed in The Netherlands 9399 3122 321 21122

Philips International B.V.
Interactive Media Systems
PO Box 218
5600 MD Eindhoven
The Netherlands

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