Product catalogue / Pricelist

CD products

Philips Intellectual Property & Standards makes available information, testdiscs and other data to support its licensing program for compact disc.

This product catalogue gives you a survey of all the CD products which can be obtained from our office and how to order them.

Please do not hesitate to contact us if this document in combination with our Web site has not satisfactorily answered your questions!

Note: When this product catalogue indicates "contact our office" the data might be available in the relevant licensees only section of our website .

Note:

For ordering please use the General Order form as available on our website.

Legendary:

The numerical part in the field "category" is an indication for the shipping costs.

The alphabetic suffix in the field "category" in this document indicates has the following:

- (A) No special documents to add
- (B) A completed Non Disclosure Agreement is needed (attached to the general order form)
- (C) A License Agreement or the return of an answering card (confirming that you have seen and accepted the condition) is needed before you are able or entitled to use the product/ documentation or get the remaining part of the delivery. The License Agreement or the answering card is supplied with our (partial) delivery of the indicated product
- (D) The delivery of these products is limited to companies who have a relevant patent license agreement or information agreement. The delivery is restricted to those companies only. (please add a completed Non Disclosure agreement if the company name is not identical to the name on the relevant agreement)

For further information, please contact:

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Or check our web site:

http://www.licensing.philips.com

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CD SPECIFICATIONS SURVEY

Book/standard	Versio	on	CD Information agreement	CD Disc /Player licensees	Video CD Disc/Player lic.	CD-R Disc licensees	CD-RW Disc licensees	CD-R/RW Player licensees	
The CD Family,			yes	yes	yes	yes	yes	yes	
CD Reference Measuring Methods	1.1	Dec 02	yes	yes	yes	yes	yes	yes	
Compact Disc Digital Audio System Description (Red Book)		Mar 06	yes	yes	yes	yes	yes	yes	
CD-DA System description, Subcode Channels R-W		Nov 91	yes	yes	-	-	-	yes	
CD-DA System description, CD TEXT Mode	1.0	Sep 96	yes	yes	-	-	-	yes	
Compact Disc Read Only Memory System Description (Yellow Book)		Mar 06	yes	yes	yes	yes	yes	yes	
CD-ROM XA System Description		May 91	yes	yes	yes	yes	yes	yes	
Multisession CD Specification	1.0	Dec 95	yes	yes	-	-	yes	yes	
Enhanced Music CD specification	1.0	Dec 95	yes	yes	yes	yes	yes	yes	
Logo guide			E	lectron	ically v	via the	websit	е	
ISO 9660			yes	yes	yes	yes	yes	yes	
IEC 908			yes	yes	yes	yes	yes	yes	
ISO 10149			yes	yes	yes	yes	yes	yes	
Compact Disc Interactive Full Functional Specification (Green Book). As well as Microware OS/9 Technical Manual.		May 94		Electronically via the website* Only for companies with relevant license agreement					
CD-i Bridge Specification	1.0	Feb 95	yes	yes	yes	-	-	yes	
Video CD Specification (White Book)	2.0	Apr 95	yes		yes	-	-	-	
Video CD Internet Guidelines	1.0	Apr 97	yes		yes	-	-	-	
Super Video CD Specifications	1.0	May 99	yes		yes	-	-	-	
System Description Photo CD	1.0	Dec 94	yes	yes	yes	-	-	yes	
Recordable Compact Disc Systems (Orange Book), Part I: CD-MO (withdrawn)		Nov 90	-	-	-	-	-	-	
Recordable Compact Disc Systems (Orange Book), Part II: CD-R, Volume 1	3.2	Dec 05	yes	-	-	yes	-	yes	
Recordable Compact Disc Systems (Orange Book), Part II: CD-R, Volume 2 Multi Speed	1.3	Aug 06	yes	-	-	yes	-	yes	
Recordable Compact Disc Systems (Orange Book), Part III: CD-RW, Volume 1	2.1	Aug 06	yes	-	-	-	yes	yes	
Recordable Compact Disc Systems (Orange Book), Part III: CD-RW, Volume 2 High Speed		Aug 06	yes	-	-	-	yes	yes	
Recordable Compact Disc Systems (Orange Book), Part III: CD-RW, Volume 3 Ultra Speed		Aug 06	yes	-	-	-	yes	yes	
High Capacity Recordable Disc system	1.1	Aug 06	yes	-	-	yes	yes	yes	
pecial letters related to the items above.				yes	yes	yes	yes	yes	



CD RELATED SPECIFICATIONS

Book/standard	Version			Optical Card license	Optical Recordable Card	
Optical Card System Description Audio	1.1	Dec 2002		yes		
Optical Card System Description Data	1.1	Dec 2002		yes		
Optical Recordable Card System Description	1.1	Dec 2002			yes	



Information Agreement

Original CD standard specifications are available from Philips only. CD standard specifications, of which many are confidential documents, are primarily intended for licensed manufacturers of CD disc and CD players. The Information Agreement gives access to the same (confidential and non confidential) information as is normally delivered to licensed manufacturers. Companies, which do not manufacture products requiring a Philips patent license, may conclude an Information Agreement.

During a period of 5 years, Information Agreement holders will receive new versions and updates of the documentation, together with other relevant information as considered to be important or useful by Philips in connection with the standard specifications. Limited technical support for understanding the standards (e.g. compatibility issues) are included in the Information Agreement. See table on next page for a survey of the information supplied.

Notes:

- Price US\$ 5000
- A CD Information Agreement is a legal document to be signed by an authorised person.
- To obtain an Information Agreement:
 please use the "Contact Us" button on our
 web site to inform us. You can also send
 a fax to Philips IP&S Business Support
 (fax: +31-40-2732113) or use the
 standard order form.

Information Subscription

In case you are a holder of either a Philips License Agreement or an Information Agreement we are able to offer you the possibility to take an Information Subscription. This Information Subscription provides you with an additional copy of the information, which you are entitled to receive under the relevant agreement for the duration of that agreement.

Information Subscription

Product code 3122 783 0077 1

Category 0D

Price US\$ 1500

Please use the standard order form.

When ordering CD standard specifications you will receive the latest version of this book. Updates will not be provided automatically.

Only the contact person of a licensed manufacturer or persons with a CD Information Agreement or CD Information Subscription will get automatically new versions or the updates during the contract period.

The table indicates which books you will receive as part when arranging one of the above.



Red Book

System Description CD Digital Audio incl.: CD Graphics, CD (Extended) Graphics, CD-TEXT, CD-MIDI, CD Single (8cm), CD Maxi-single (12cm) and CDV Single (12cm)

The following documents will be delivered with the RED Book

- Subcode Channels R-W
- CD-Text Mode

Note:IEC 60908: Compact Disc Digital Audio system (including amendements, approximate the Philips-Sony Red Book)

Red Book

Product code 3122 783 0043 3

Category 1B

Price US\$ 100

Yellow Book

System Description CD-ROM (8 and 12 cm)

Yellow Book

Product code 3122 783 0044 2

Category 1B

Price US\$ 100

CD EXTRA

CD EXTRA (Enhanced Music CD) Specification

CD Extra Book

Product code 3122 783 0049 1

Category 1B
Price US\$ 100

Subcode Channels R-W

System Description CD DA Subcode/Control and Display System. (Channels R-W, chapter 5)

Subcode Channels R-W

Product code 3122 783 0058 1

Category 1B Price US\$ 50

CD-Text Mode

System description CD DA Subcode/Control and Display System, Channels R-W. (CD TEXT Mode section 5.8)

CD Text Mode

Product code 3122 783 0059 1

Category 1B Price US\$ 50



Orange Book Part II: CD-R Volume 1

System Description CD-WO (CD write once) also known as CD-R standard describing the recording speeds 1x, 2x and 4x nominal CD speed

Orange Book Part II CD-R, Volume 1

Product code 3122 783 0007 2

Category 1D

Contact our office

Orange Book Part II: CD-R Volume 2: Multi-Speed

System Description CD-R (CD Recordable) describing the speeds up to 48x nominal CD speed

Orange Book Part II: CD-R, Volume 2

Product code 3122 783 0181 5

Category 1D

Contact our office

Orange Book Part III: CD-RW Volume 1

System Description CD-RW (CD Rewritable) describing the recording speeds 1x, 2x and 4x nominal CD speed

Orange Book Part III: CD-RW, Volume 1

Product code 3122 783 0048 3

Category 1D

Contact our office

Orange Book Part III: CD-RW Volume 2: High Speed

System Description CD-RW (CD Rewritable) describing recording speeds between 4x and 10x nominal CD speed.

Orange Book Part III CD-RW, Volume 2

Product code 3122 783 0120 4

Category 1D

Contact our office

Orange Book Part III: CD-RW Volume 3: Ultra Speed

System Description CD-RW (CD Rewritable) describing recording speeds between 8x and 32x nominal CD speed.

Orange Book Part III CD-RW, Volume 3

Product code 3122 783 0245 4

Category 1D

Contact our office

High Capacity Recordable Disc system

This document describes High Capacity Recordable discs with a maximum single session time of 98 minutes, 29 seconds, 74 frames on 12 cm discs. For 8cm discs the playing time will be roughly 30 minutes.

High Capacity Recordable Disc system

Product code 3122 783 0256 3

Category 1B

Price US\$ 50

This book refers to Orange book part II volume 2



CD-ROM XA

Extension of CD-ROM Specification

CD-ROM XA

Product code 3122 783 0050 1

Category 1A

Price US\$ 100

Green Book

Latest version May 1994

This description of the CD-i standard consist of :

Compact Disc Interactive Full Functional Specification (Green Book) Microware OS/9 Technical Manual

Green Book

Product code 3122 783 0047 1

Category 3B
Price US\$ 150

These books are supplied as pdf files on a CD.

CD-i Bridge

Specification CD-ROM XA with CD-i application program

CD-i Bridge

Product code 3122 783 0051 1

Category 1B
Price US\$ 100

Multisession CD

Multisession CD Specification

Multisession CD

Product code 3122 783 0054 1

Category 1B Price US\$ 100

Photo-CD

System description Photo-CD

Photo-CD

Product code 3122 783 0052 1

Category 1B
Price US\$ 200

80mm CD-ROM

Tentative specification for 80 mm CD disc cartridges. Document for drive makers.

80mm CD ROM Cartridge

Product code 3122 783 0060 1

Category 1B
Price US\$ 50



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Video-CD Specification

White Book

Product code 3122 783 0067 1

Category 1B

Price US\$ 200

Video CD Internet Guidelines

Guidelines intended to specify how to link a Video CD to WWW pages.

Video CD Internet Guidelines

Product code 3122 783 0061 1

Category 1B

Price US\$ 50

Super Video CD

Super Video CD specification

Super Video CD

Product code 3122 783 0004 2

Category 1B

Price US\$ 200

CD Reference Measuring Methods

A description of the way to measure the physical parameters of a CD in a standardized way.

For CD licensees an electronic version (.pdf file) is available. See the licensees only section of our website.

CD Reference Measuring Methods

Product code 3122 783 0006 3

Category 1B



Video CD 2.0 PSD Test Disc

Tests full functionality of sequence descriptor.

Video CD 2.0 PSD Test Disc

Product code 7104 099 3644 1

Category 1A

Price US\$ 100

Video CD 2.0 A/V Test Disc

Tests playback function related to all sorts of assets, applicable for VideoCD 2.0. Contains for example assets to perform audio measurements applicable with MPEG-1 audio decoders.

Video CD 2.0 A/V Test Disc

Product code 7104 099 3645 1

Category 1A

Price US\$ 100

Video CD 2.0 Production Test Disc

Tests for use in a visual production inspection line.

Video CD 2.0 Production Test Disc

Product code 7104 099 3647 2

Category 1A

Price US\$ 100

Super Audio CD DAC Test Disc

This DAC test disc is a hybrid disc with a CD-DA layer as well as a High Density layer, containing audio-signals useful in measuring the performance of an SACD player. All signals have been computer generated, computer assembled and digitally recorded.

The readout of the CD layer on this is SACD disc is to be checked with the development of CD players.

SACD DAC Test Disc

Product code 3122 783 0063 2

Category 1B



Super Video CD Audio Test Disc

To test the capabilities of Super Video CD players on Audio Level fluctuation, Level Linearity and to play Single Audio Streams (Mono/ Stereo/ Joint Stereo), Dual Stream Audio Streams Mono/ Stereo/ Joint Stereo) and MPEG II 5.1 Audio.

SVCD Audio Test Disc

Product code 3122 783 00901

Category 1A

Price US\$ 100

Super Video CD Still Pictures and Patterns Test Disc

To test the video decoding and display capabilities of Super Video CD players with various resolutions, broadcasting standards and aspect ratios.

SVCD Still Pictures and Patterns Test Disc

Product code 3122 783 00911

Category 1A

Price US\$ 100

Super Video CD combination Audio and Video Test Disc.

To test the capabilities of Super Video CD players when using movie quality Audio and Video with tests to length and integrity, synchronisation of audio and Video, pause interval and Overlay Graphics and text.

SVCD Audio and Video Test Disc

Product code 3122 783 00921

Category 1A

Price US\$ 100

Super Video CD P.S.D. and Programme Play Test Disc

To test the capabilities of Super Video-CD players to handle navigation via menus by using the P.S.D in relation to selection lists, Chapter Entry Points in an AV sequence with definite transitions which can be selected by menu option. Runs continuously through the AV sequences which allows players to be tested for degradation in performance over time (a soak test). The disc can be used for demonstrations as it offers the user features of SVCD (menus, chapters) and has attractive pieces of AV.

SVCD P.S.D. and Programme Play Test Disc

Product code 3122 783 00971

Category 1A

Price US\$ 100

Super Video Command List Test Disc

To test the ability of an SVCD player to handle Command Lists.

(this Test Disc requires that the player at least supports the VM Register 240)

SVCD Command List Test Disc

Product code 3122 783 00981

Category 1A



SBC442 (Burn-in Disc)

The purpose of this testdisc is check mechanical noise, shock sensitivity, reliability and burn-in test. Contents: 1kHz at -30 dB, +/-65 min., 20 tracks.

SBC442 (Burn-in Disc)

Product code 7104 087 0486 1

Category 1A

Price US\$ 100

SBC429 (Audio Signals Disc)

This disc contains audio-signals useful in measuring the performance of a Compact Disc player. Testing of max. 99 tracks and max. 99 indexes and minimum track length.

SBC429 (Audio Signals Disc)

Product code 7104 087 0491 1

Category 1A

Price US\$ 100

Max. Read Out Diameter Disc

For checking the max diameter capability of a pick-up.

Max Read out diameter disc

Product code 7104 087 0493 1

Category 1B

Price US\$ 100

Thick Disc 1.3mm

To check the optics, maximum substrate thickness

Thick Disc 1.3mm

Product code 7104 087 0994 1

Category 1B

Price US\$ 100

Thin Disc 1.1 mm

To check the optics, minimum substrate thickness.

Thin Disc 1.1mm

Product code 7104 087 0995 1

Category 1B

Price US\$ 100

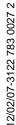
Eccentr. Musdic 150 Um Disc

To check the disc drive motor, servo systems and the loading.

Eccentr. Musdic 150 Um Disc

Product code 7104 099 2496 1

Category 1B





Vertical Deviation Disc

To check the max. height deviation of the focus actuator.

Vertical Deviation Disc

Product code 7104 099 2497 5

Category 1B

Price US\$ 100

SBC444 (Test Disc)

Defect free disc to use in combination with SBC444A. There is also CDTEXT in the lead-in (title and track info).

SBC444 (Test Disc)

Product code 7104 099 2498 2

Category 1A

Price US\$ 100

SBC444A (Playability Disc)

General purpose of this disc is to check the dropout sensitivity; dust, interruptions in information and fingerprints.

SBC444A (Playability Disc)

Product code 7104 099 2499 1

Category 1A

Price US\$ 100

Test Disc 8 cm

To check start-up of 8 cm discs.

Test Disc 8 cm

Product code 7104 099 2825 2

Category 1B

Price US\$ 100

Skew Disc 0.6° 8 cm

This disc is an 8 cm disc adapted to test the light-path performance, angular deviation. Also test of minimum mass of a disc (not taking into account Optical Card).

Skew Disc 0.6° 8 cm

Product code 7104 099 2826 2

Category 1B

Price US\$ 100

SBC444 (Glass)

Glass version of the SBC444

SBC444 (Glass)

Product code 7104 099 34101

Category 1A



Subchassis 8CA Test Disc

For customer check, alignment procedures, equaliser test.

Note: This disc has some artificial defects to check the players capability to handle disc defects.

Sub 8CA Test Disc

Product code 7104 099 3280 1

Category 1B Price US\$ 100

CD-Text Test CD type 3

For signal performance test and optical readout test

CD-Text Test CD Type 3

Product code 3122 783 0144 1

Category 1A
Price US\$ 25

Unbalance Test Disc 6 gmm

For unbalance testing at higher speeds.

Note: The unbalance of these discs is created by moulding.

Unbalance Test Disc 6 gmm

Product code 7104 099 9643 3

Category 1B
Price US\$ 100

Unbalance Test Disc 9 gmm

For unbalance testing at higher speeds.

Note: The unbalance of these discs is created by moulding.

Unbalance Test Disc 9 gmm

Product code 7104 099 0643 4

Category 1B Price US\$ 100

CD-RW Low Reflection.

A disc with Audio content made using CD-RW technology. The disc is selected for Low Reflection.

CD-RW Low Reflection

Product code 7104 099 9658 1

Category 1B Price US\$ 100

CD-RW Printed Disc.

A disc with Audio content made using CD-RW technology. Some artificial marks are printed on the disc.

The contents is equal to SBC444.

CD-RW Printed Disc

Product code 7104 099 9661 1

Category 1B





CD CALIBRATION DISCS

Test Signal Disc 5B.4 (replaces 5259 Signal Test Disc)

The HF Test Signal Disc 5B.4 is a calibration disc designed for CD disc and player manufacturers and manufacturers of CD test equipment.

Each 5B.4 HF Test Signal Compact Disc is individually measured.

In section 9 Calibration of Disc Signals of the Red Book attachment, the use of Philips Signal Test Disc 5259 is prescribed. The 5B.4 replaces the 5259 Signal Test Disc. Each test sample of 5B.4 is calibrated against the 5259 Signal Test Disc separately.

Test Signal Disc 5B.4

Product code 3122 783 03881

Category 1A

Price US\$ 175

Test Signal Disc 5B.4 (CATS version)

The same 5B.4 discs but now with additional measurements e.g radial noise and the start diameters of lead-in, lead-out and program area

This additional information is important for some measurement equipment e.g. CATS.

Test Signal Disc 5B.4/CATS

Product code 3122 783 03891

Category 1A

Price US\$ 250

Multi-point Calibration CD Disc set

The discs are intended to be used for calibration of CD test equipment. The Multipoint Calibration CD Set contains three (3)

Disc 1: Predefined BLER, HF measurements. Disc 2: Predefined jitter and effect length.

Disc 3: Predefined radial noise, predefined radial acceleration.

Multi-point Calibration CD Disc set

Product code 3122 783 00291

Category 2A

Price US\$ 750

Predefined BLER, HF measurements Disc

Disc 1 from the Multipoint calibration CD disc set is separately available.

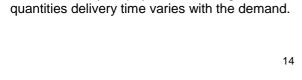
RCD BH.1

Product code 3122 783 00301

Category 1A

Price US\$ 275

Note: The discs mentioned on this page are measured individually. So please allow (for single units) 4-6 weeks delivery time after we have received your payment. For larger quantities delivery time varies with the demand





CD CALIBRATION DISCS

Predefined jitter and effect length disc

Disc 2 from the Multipoint Calibration CD disc set is available separately.

RCD JT.1

Product code 3122 783 00311

Category 1A

Price US\$ 350

Predefined radial noise disc

Disc 3 from the Multipoint Calibration CD disc set is available separately.

RCD RA.1

Product code 3122 783 00321

Category 1A

Price US\$ 300

CD-RW Test Disc TD2.

This is a 74 min CD-RW disc single session fixated and finalized with an ISO9660 file structure.

The disc is suitable for measurement calibration on the recorded area as well as the unrecorded area.

CD-RW TD2

Product code 3122 783 0119 1

Category 1A

Price US\$ 175

Customised CD-R / CD-RW Calibration Discs

Customized CD-R/CD-RW Calibration Discs will improve the measurement accuracy and tolerances for each production technology significantly.

For ISO certification purposes you can regard the measurement data belonging to the disc as a direct link with a certified reference.

To obtain such customized discs you have to provide us with 6 pcs of discs (3 blank and 3 recorded discs) from the same production run together with the order form. We will return one blank disc and one recorded disc with the measurement data. This service is available for both CD-R as well CD-RW discs.

Customised Calibration discs

Reference 3122 783 0136 1

Category 1A

Price US\$ 400

The recorded discs provided should be single session discs containing at least 71 minutes of random data.

If writing parameter changes are applied ensure that each of the measurement bands are stable.

The measurement points are in the following bands: 10-11 minutes, 40-41 minutes and 70-71 minutes.

Note: In case the measured values are extreme we keep the right to mark the results as "not suitable for calibration"

Note: The discs mentioned on this page are measured individually. So please allow (for single units) 4-6 weeks delivery time after we have received your payment. For larger quantities delivery time varies with the demand.



MISCELLANEOUS

CD-RW Mount Rainier Verification Test Disc set

This verification set is an essential element of the Mount Rainier drive verification procedure. This set includes two types of discs:

- CD-RW disc (according OB part III vol 2).
- CD-RW disc as described above but with artificial defects (fingerprints, black spots and scratches).

Each set contains 5 pcs of each disc (total 10 discs).

CD-RW Mount Rainier Verification Test Disc set (OB III vol 2)

Product code 3122 783 0220 1

Category 1A

Price US\$ 200

For DVD+MRW verification/calibration discs see our DVD+RW products catalogue.

CD-RW Mount Rainier Verification Test Disc set

This verification set is an essential element of the Mount Rainier drive verification procedure. This set includes two types of discs:

- CD-RW disc (according OB part III vol 3).
- CD-RW disc as described above but with artificial defects (fingerprints, black spots and scratches).

Each set contains 5 pcs of each disc (total 10 discs).

CD-RW Mount Rainier Verification Test Disc set (OB III vol 3)

Product code 3122 783 0220 2

Category 1A

Price US\$ 200

For DVD+MRW verification/calibration discs see our DVD+RW products catalogue.

CD-RW Mount Rainier Calibration Test Disc set

The Calibration defect test disc is designed for defect-detect & sparing strategy optimisation This set includes two types of discs:

- CD-RW disc (according OB part III vol 2).
- CD-RW disc as described above but with artificial defects (fingerprints, black spots and scratches).

Each set contains 5 pcs of each disc (total 10 discs).

CD-RW Mount Rainier Calibration Test Disc set (OB III vol 2)

Product code 3122 783 0257 1

Category 1A

Price US\$ 200

For DVD+MRW verification/calibration discs see our DVD+RW products catalogue.

CD-RW Mount Rainier Calibration Test Disc set

The Calibration defect test disc is designed for defect-detect & sparing strategy optimisation This set includes two types of discs:

- CD-RW disc (according OB part III vol 2).
- CD-RW disc as described above but with artificial defects (fingerprints, black spots and scratches).

Each set contains 5 pcs of each disc (total 10 discs).

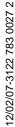
CD-RW Mount Rainier Calibration Test Disc set (OB III vol 3)

Product code 3122 783 0257 2

Category 1A

Price US\$ 200

For DVD+MRW verification/calibration discs see our DVD+RW products catalogue.





12/02/07-3122 783 0027 2

MISCELLANEOUS

Mount Rainier Test Suite

The purpose of functionality test available in the Mount Rainier Test Suite are to assure the capability of the drive with CD-R/RW and/or DVD+R/RW drive to handle Mount Rainier specific functionality like early eject, correct de-icing, format resume etc.

Only available for those companies signed the relevant Adopters Agreement. Additional information and software is available in the relevant partners only section of our website.

Mount Rainier Test Suite

Product code 3122 783 0222 2

Category 0C

Price: see relevant partners only section



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CD BACKGROUND INFORMATION

The CD Family An overview of the existing CD formats and

their interrelations.
This is a reprint of chapter 12 in the: "Digital Consumer Electronics Handbook" published by the McGraw-hill Book Company. ISBN no 034143-5.

The CD Family

Product code 3122 783 0068 1

Category 1A

