english/auto/Compatibility

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Contents

1 english/auto/Compatibility **1**

1.1 english/auto/Compatibility.guide . . . 1
1.2 Compatibility.guide/CINTR . . . 2
1.3 Compatibility.guide/CPROB . . . 2
1.4 Compatibility.guide/CCNTR . . . 4
1.5 Compatibility.guide/CCDWR . . . 7
1.6 Compatibility.guide/CDR_FULL_LIST . . . 8
1.7 Compatibility.guide/CDR_INFO_LIST . . . 21
1.8 Compatibility.guide/CDR_JVCXRW1001 . . . 22
1.9 Compatibility.guide/CDR_JVCXRW2010 . . . 23
1.10 Compatibility.guide/CDR_JVCXRW2022 . . . 24
1.11 Compatibility.guide/CDR_MITSUMICDR2201CS . . . 24
1.12 Compatibility.guide/CDR_MITSUMICR2600TE . . . 25
1.13 Compatibility.guide/CDR_PANASONICCW7501 . . . 25
1.14 Compatibility.guide/CDR_PANASONICCW7502 . . . 26
1.15 Compatibility.guide/CDR_PHILIPSCDD2000 . . . 27
1.16 Compatibility.guide/CDR_PHILIPSCDD2600 . . . 28
1.17 Compatibility.guide/CDR_PHILIPSCDD3600 . . . 29
1.18 Compatibility.guide/CDR_PHILIPSCDD522 . . . 30
1.19 Compatibility.guide/CDR_PLASMONCDRRF4100 . . . 30
1.20 Compatibility.guide/CDR_PLEXTORPXR24CS . . . 31
1.21 Compatibility.guide/CDR_RICOHMP6200S . . . 32
1.22 Compatibility.guide/CDR_RICOHRO1060C . . . 32
1.23 Compatibility.guide/CDR_RICOHRO1420C . . . 33
1.24 Compatibility.guide/CDR_RICOHRS9200CD . . . 34
1.25 Compatibility.guide/CDR_SONYCDU920S . . . 35
1.26 Compatibility.guide/CDR_SONYCDU924S . . . 35
1.27 Compatibility.guide/CDR_SONYCDU926S . . . 36
1.28 Compatibility.guide/CDR_SONYCDU928E . . . 37
1.29 Compatibility.guide/CDR_TEACCDR50S . . . 37

1.30 Compatibility.guide/CDR_YAMAHACDR100 . . . 38
1.31 Compatibility.guide/CDR_YAMAHACDR102 . . . 39
1.32 Compatibility.guide/CDR_YAMAHACDR200 . . . 40
1.33 Compatibility.guide/CDR_YAMAHACDR400 . . . 41
1.34 Compatibility.guide/CDR_YAMAHACDRW4001 . . . 41
1.35 Compatibility.guide/CDR_TEST_PROT_LIST . . . 42
1.36 Compatibility.guide/CDR_TST_JVC . . . 42
1.37 Compatibility.guide/CDR_TST_PHILIPSCDD2000 . . . 43
1.38 Compatibility.guide/CDR_TST_PHILIPSCDD2600 . . . 44
1.39 Compatibility.guide/CDR_TST_PLEXTOR . . . 44
1.40 Compatibility.guide/CDR_TST_SONY . . . 45
1.41 Compatibility.guide/CDR_TST_YAMAHA . . . 46
1.42 Compatibility.guide/CCDRM . . . 46
1.43 Compatibility.guide/CCDRS . . . 48
1.44 Compatibility.guide/CSYSG . . . 53
1.45 Compatibility.guide/CSG01 . . . 54
1.46 Compatibility.guide/CSG02 . . . 54
1.47 Compatibility.guide/CSG03 . . . 55
1.48 Compatibility.guide/CSG04 . . . 55
1.49 Compatibility.guide/CSG05 . . . 56
1.50 Compatibility.guide/CSG06 . . . 57
1.51 Compatibility.guide/CSG07 . . . 57
1.52 Compatibility.guide/CSG08 . . . 58
1.53 Compatibility.guide/CSG09 . . . 59
1.54 Compatibility.guide/CSG10 . . . 59
1.55 Compatibility.guide/CSG11 . . . 60
1.56 Compatibility.guide/CSYSB . . . 61
1.57 Compatibility.guide/CSB01 . . . 62
1.58 Compatibility.guide/CSB02 . . . 62
1.59 Compatibility.guide/CSB03 . . . 63
1.60 Compatibility.guide/CSB04 . . . 64
1.61 Compatibility.guide/CSB05 . . . 64
1.62 Compatibility.guide/CSB06 . . . 65

Chapter 1

english/auto/Compatibility

1.1 english/auto/Compatibility.guide

```
                Compatibility List
******************

MakeCD has been carefully tested. This chapter tries to list all CD
writers, CD-ROM drives, CD-Rs and systems, that have been tested and
tells you, if they worked in our tests or in customer's tests or if they
didn't.

If a CD writer or CD-ROM drive is listed as "tested", this does not
mean, that it works on all systems. On some systems, it might block the
SCSI bus or do any other bad things. Therefore, we have added a list of
systems which have been reported as "working" or "not working" at the
end of this document. Read that list, too!

If your system is not listed in the list of tested systems, look out for
entries in that list, that apply to a system that seems to be similar to
yours, except for the CD writer. Now check if the CD writer that is
mentioned in the list is compatible to your CD writer. Often, these CD
writers are not only compatible, they are often identical -- except the
label on it!

Feel free to contribute your configuration. Send it to
'makecd@ira.uka.de'.

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This document consists of the following parts:


                Introduction
                      Introduction to the Compatibility List

                CD Writers
                        CD writers

                CD-ROM drives
```

CD-ROM drives

CD-Rs
Experiences with CD-Rs

Good systems
Systems working fine

Bad systems
Systems causing problems

1.2 Compatibility.guide/CINTR

Introduction to the Compatibility List
==========

In order to grow, the Compatibility List needs your help. If your configuration is not yet listed here, please contribute it to enhance this document.

There are a few known problems in MakeCD drivers, which are listed here. You don't have to report them.

Driver problems
Known problems with MakeCD drivers

Contributions
Contributing to this list

1.3 Compatibility.guide/CPROB

Known problems with MakeCD drivers

There are some known problems with some MakeCD drivers and drives. They are listed here. Usually, they are not fatal.

Using driver "JVC":
This driver is still beta and perhaps will stay beta forever. We have spent very much time on this driver and it's not possible to work around all the problems which the JVC XR-W2010 causes. Try it and be happy if it works, but don't blame us if it does not work. Don't stop asking JVC for a firmware update with less bugs.

'JVC XR-W2010 V1.51':
· With our first tries, the JVC XR-W2010 didn't work with

an oktagon.device V6.8 and a omniscsi.device V6.11. It always rejected the first write command with an 'ILLEGAL COMMAND' error.
This turned out to be a very strange SCSI problem. The drive works now when connected to the Oktagon with no other device on this SCSI chain.

- This drive is a very bad CD and CD-R reader. We could not even read data or audio tracks, which the drive wrote by itself, although they are read well by a Yamaha CDR 100 and a Matsushita CD-ROM drive. The JVC even produced a lot of read errors with normal (pressed) CDs. If your drive has the same problem, this will have the following consequences:
  1. Multisession merging often will not work properly, because the previous tracks have to be scanned with the CD writer.

  2. Mode 2 recognition can fail and therefore XA CD-Rs can be fixed with the wrong TOC type.

  3. The name of ISO tracks can not always be read.

- Once we made a test with one very full CD-R, and the drive reported a start block which was higher than the end block. We wrote another track and both last tracks were listed correctly afterwards. Again, we wrote another track, and it was listed wrong again -- and writing a 4th track fixed the problem again. Very strange.
  When we put the same CD-R, which showed the wrong track start in the JVC, into a Yamaha CDR 100, it was listed correctly. Putting it back to the JVC showed wrong values again.
  You cannot fix a CD-R with invalid track starts with the JVC. You have to use either a different CD writer or write more tracks and hope that this will fix the problem.

Using driver "Plextor":
    Using device 'Plextor CD-R PX-R24CS V1.50':
    Using device Ricoh RO-1420C:
    Using device Ricoh RS-1420C:
- Session information may is not be read properly depending on the firmware version.

Using driver "Sony":
    Using device 'SONY CD-R CDU926S 1.0a (Jan23)':
- The writer seems to be unable to accept buffer chunks of more than approx. 240kB. It rejects the write command with 'ILLEGAL FIELD IN COMMAND DESCRIPTOR'. You have to reduce the chunk size in the settings.

- The writer is not able to write XA tracks with a blocksize of 2048 (form 1) or 2328 (form 2). Therefore only the general mode 2 type is supported by MakeCD. You will be warned and may ignore the warning, but until a

firmware supports this block sizes the writer will reject some commands as illegal.

- The Sony writer are very accurate regarding CD-ROM standards. You will not be able to write certain track types after some others (but you won't want to anyway). Example of impossible combinations: Mode 1 (data) + Mode 2.

- The writer seems to be unable to simulate fixation. The testmode can really be enabled for writing tracks, but has no effect on fixation. The Sony.driver will therefore _not_ issue the fixation command if testmode is enabled. If other Sony CD writers behave differently, tell us.

1.4 Compatibility.guide/CCNTR

```
Contributing to this list
-------------------------

You should test your system carefully, before stating that it works. You
can use the following checklists to do that. Send your test results to
'makecd@ira.uka.de'.

Testing your CD writer
......................

If you want to test your CD writer, go through the following steps.

  1. What is the complete name of your CD writer? Have a look at the
     settings window -- when you select your CD writer as target, it
     displays the whole version string. That's what we need.

  2. Note the name of the driver which you use for your tests, e.g.
     "Yamaha". The name is being displayed in the settings window.

  3. Open the window that lists the contents of your CD-R, using the
     menu.
        · Does it list all sessions?
          ( ) Yes      ( ) No      ( ) Not tested

        · Does it list all tracks?
          ( ) Yes      ( ) No      ( ) Not tested

        · Does it also list tracks of sessions that are not yet fixed?
          ( ) Yes      ( ) No      ( ) Not tested

  4. Try to write in test mode
        · Was it successfull? (Is there really no change to the CD-R?)
          ( ) Yes      ( ) No      ( ) Not tested

        · Can you select the different writing speeds supported by the
          writer?
```

( ) Yes ( ) No ( ) Not tested

5. Try to write an audio track
   · Was it successful and does your CD player play this track?
     ( ) Yes ( ) No ( ) Not tested

   · Did you really write an audio track, or just in test mode?
     ( ) Really ( ) Test mode

6. Try to write a data track
   Note, if you have written some audio tracks, you can fix the session and then create and write a data track and fix that session, too. Your CD will be a perfect audio CD in your CD player and if your filesystem supports multisession, it will be a perfect data CD in your CD-ROM drive, too. So you need only one CD-R for testing. However, you must create the data image especially for this track, because you can not transfer data tracks to multisession tracks. This feature requires MakeCD V2.0 or better.

   · Was it successful?
     ( ) Yes ( ) No ( ) Not tested

   · Did you really write a data track, or just in test mode?
     ( ) Really ( ) Test mode

7. Try to fix a session and the CD-R. You have to open the window that lists the contents of your CD-R (use the menu) in order to do that.
   · Could you successfully fix the session?
     ( ) Yes ( ) No ( ) Not tested

   · Could you successfully fix the CD-R?
     ( ) Yes ( ) No ( ) Not tested

   · Did you really fix your CD-Rs, or just in test mode?
     ( ) Really ( ) Test mode

8. Now we are going to do some read tests. For these reading tests you have to select the writer as source drive in the settings window. Try to read a data track from your CD writer.
   · Could you successfully read this track?
     ( ) Yes ( ) No ( ) Not tested

9. Try to read an audio track from your CD writer.
   · Could you successfully read this track?
     ( ) Yes ( ) No ( ) Not tested

10. Repair function
   · Could you repair a track?
     ( ) Yes ( ) No ( ) Not tested ( ) Not supported

11. Your name
   · We would like to note your name (and maybe your email address) together with this entry in our compatibility List. Please tell us, whether or not we may do this.

```
Testing your CD-ROM drive (if any)
..................................

If you want to test your CD-ROM drive, go through the following steps.

  1. What is the complete name of your CD-ROM drive? Have a look at the
     settings window -- when you select your CD-ROM drive as source, it
     displays the whole version string. That's what we need.

  2. Note the name of the driver which you used for your tests, e.g.
     "ToshibaCD". The name is being displayed in the settings window.

  3. Add a track, select "CD-Track" as source and open the track
     requester.
        · Does it list all tracks with their correct type? It usually
          will not list unfixed sessions. That's no bug!
          ( ) Yes      ( ) No      ( ) Not tested

  4. Try to read a data track.
        · Could you successfully read this track?
          ( ) Yes      ( ) No      ( ) Not tested

  5. Try to read an audio track.
        · Could you successfully read this track?
          ( ) Yes      ( ) No      ( ) Not tested

  6. Your name
        · We would like to note your name (and maybe your email
          address) together with this entry in our compatibility List.
          Please tell us, whether or not we may do this.


Testing your whole system
.........................

If you have a system that runs fine with MakeCD, or a system that causes
SCSI trouble, and if your system is not yet contained in this file, we
are looking forward for your test results in order to include them in
this list. We need the following information:

  1. Your Amiga
     e.g. A3000, A4000, A1000, ...

  2. The OS version you use
     e.g. OS 3.1

  3. Information about your SCSI system in the following form:
     For each SCSI hostadapter which you are using
        · Name of the hostadapter
          (e.g. Fastlane; if possible, include the board revision)

        · Name and version of the SCSI device
          (e.g. `scsi.device V40.12 (21.12.93)') You get this string by
          typing `version full scsi.device' or something equal in your
          shell

        · SCSI settings
```

```
          If you are using some special SCSI settings, note them here

        · Name and version of all of the devices that are connected to
          this hostadapter
          e.g. 'TOSHIBA CD-ROM XM-4101TA 2483 (09/05/93)'. You get this
          string by using the device requester of MakeCD 2.0 or higher.
          Please make sure to list as many exact information as
          possible -- especially for your SCSI device and your CD
          writer.  If you know which SCSI settings (reselection,
          synchronous transfer mode, ...) you used, write it down, too.

  4. Which version of MakeCD do you use for your tests?
     MakeCD Version ..........

  5. Write a large amount of data (test mode is no problem).
        · Did you recognize any SCSI hangups or something like that?
          ( ) Yes      ( ) No      ( ) Not tested

  6. Do you know which SCSI settings you used for this test?
     (Reselection, Synchronous Transfer Mode, ...)
     ( ) Yes, ..........................................
     ( ) No

  7. How many of your CD-Rs have had an "accident" and how many CD-Rs
     did you already write?
        · Number of CD-Rs with accident:        ........

        · Number of successfully written CD-Rs: ........

        · Kind of the accident(s) (SCSI bus hangup, user error, power
          lost, ...):
          ..................................................
          ..................................................

  8. Did you have to do any changes to your system, in order to make
     things work?
     ( ) Yes, ..........................................
     ( ) No

  9. Your name
        · We would like to note your name (and maybe your email
          address) together with this entry in our compatibility List.
          Please tell us, whether or not we may do this.
```

1.5 Compatibility.guide/CCDWR

```
                CD writers
==========

This section is intended to help you find a good CD writer or to find
more information about the CD writer which you already have. We created
a list of all CD writers we have heard of, and collected more detailed
information about a lot of drives. Furthermore, we tested your drives
```

with a lot of drives and show you the test results.

Full list
All CD writers we have heart of

Detailled infos
CD writer information list

Test protocols
CD writer test protocol list

1.6 Compatibility.guide/CDR_FULL_LIST

All CD writers we have heart of

This section lists all CD writers the authors of MakeCD have heard of. Some of them are supported and tested by the authors or by customers, others are untested (but should work in theory), some are still unsupported, and others are unknown, which means that we don't know if one of our drivers works with that drive or not.

Please note, that sometimes a CD writer is not compatible with a specific Amiga SCSI system. In this case, you might have problems with that CD writer -- e.g. it might block the SCSI bus, etc. This is not the fault of MakeCD. Look out for tested systems.

The fact, that a device is listed here as tested, does not mean that it works on every SCSI system. We are collecting experiences which customers have made with several combinations of hardware. See

Systems working fine
,
Systems causing problems
. Read these
sections, too!

Each device name contained in this list is preceeded by a character to give you a quick overview. This character means the following:

(T)
This device has been tested with MakeCD by the authors or by customers. Although there might be SCSI problems in some cases, it should work in general.

(t)
This device had not yet been tested with MakeCD, but will most likely work anyway. If you have such a device, try it and tell us if it works or not!

(U)

```
     This device is known, but not or not yet supported by MakeCD.

(?)
     This device is not known. Maybe one of the MakeCD drivers supports
     it.  If you find out that such a device works with MakeCD, please
     tell us which driver you used to make it work. Thank you.

The following section lists all CD writers we have heard of in
alphabetical order. Many of them are not very popular. You will most
likely know only a few of them.

Important note: we do not guarantee for any information contained in
this list!

(U) Compro CD-R 7501-INT
     Not yet supported. Most likely based on Panasonic CD-R 7501.
     Programmer documentation of Panasonic CD-R 7501 in order. No
     promises, though.
     See
                Panasonic CW-7501
                .

(U) Compro CD-R 7502-INT
     Not yet supported. Most likely based on Panasonic CD-R 7502.
     Programmer documentation of Panasonic CD-R 7502 in order. No
     promises, though.
     See
                Panasonic CW-7502
                .

(U) Creative Labs CDR2000:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     Based on Ricoh RS1060C.
     See
                Ricoh RO-1060C
                .

(U) Creative Labs CDR4210:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     Based on Panasonic CW-7501.
     See
                Panasonic CW-7501
                .

(?) Delta CDR-6121 (6x read, 2x write, ATAPI):
     Unknown.

(?) DynaTek Automation Systems CDM200:
     Unknown.

(t) DynaTek Automation Systems CDM240:
     Supported by MakeCD. Driver Yamaha.
     Untested! Will most likely work.
     Based on Yamaha CDR 102.
     See
```

```
                Yamaha CDR 102
                .

(?) DynaTek Automation Systems CDM260:
     Unknown.

(t) DynaTek Automation Systems CDM400:
     Supported by MakeCD. Driver Yamaha.
     Untested! Will most likely work.
     Based on Yamaha CDR 100.
     See
                Yamaha CDR 100
                .

(?) DynaTek Automation Systems CDM4000:
     Unknown.

(?) DynaTek Automation Systems CDM460:
     Unknown.

(U) Freecom CD-Writer:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     Based on Mitsumi CR-2600TE.
     See
                Mitsumi CR-2600TE
                .

(T) Grundig CDR100 IPW:
     Supported by MakeCD. Driver PhilipsCDD2000.
     Tested by customers of MakeCD.
     Based on Philips CDD 2000.
     See
                Philips CDD 2000
                .

(?) Hightech CD-R 2000:
     Unknown.
     You might want to try PhilipsCDD2000 driver.

(T) HP SureStore 4020i:
     Supported by MakeCD. Driver PhilipsCDD2000.
     Tested by customers of MakeCD.
     Based on Philips CDD 2000.
     See
                Philips CDD 2000
                .

(T) HP SureStore CD-Writer 6020i:
     Supported by MakeCD. Driver PhilipsCDD2600.
     Tested by customers of MakeCD.
     Based on Philips CDD 2600, internal, SCSI.
     See
                Philips CDD 2600
                .

(T) HP SureStore CD-Writer 6020es:
```

```
     Supported by MakeCD. Driver PhilipsCDD2600.
     Tested by customers of MakeCD.
     Based on Philips CDD 2600, external, SCSI.
     See
                Philips CDD 2600
                .

(U) HP SureStore CD-Writer 6020ep:
     Not supported. If someone writes a device that provides a SCSI
     interface for this CD writer, and if your hardware is fast enough,
     it probably would work. Driver PhilipsCDD2600.
     Based on Philips CDD 2600, external, parallel port interface.
     See
                Philips CDD 2600
                .

(?) JVC Personal RomMaker:
     Unknown. Try driver JVC.

(?) JVC XR-W1001:
     Unknown. Try driver JVC.
     See
                JVC XR-W1001
                .

(t) JVC XR-W2001:
     Supported by MakeCD. Driver JVC. BETA!
     Untested! Might cause problems because of firmware bugs.

(T) JVC XR-W2010:
     Supported by MakeCD. Driver JVC. BETA!
     Tested by the authors of MakeCD.
     Might cause problems because of firmware bugs!
     See
                JVC XR-W2010
                .

(t) JVC XR-W2012:
     Supported by MakeCD. Driver JVC. BETA!
     Untested! Might cause problems because of firmware bugs.
     Based on JVC XR-W2010.
     See
                JVC XR-W2010
                .

(t) JVC XR-W2022:
     Supported by MakeCD. Driver JVC. BETA!
     Untested! Might cause problems because of firmware bugs.
     See
                JVC XR-W2022
                .

(?) JVC XRS-201:
     Unknown. Try driver JVC.

(?) Kodak PCD200:
     Unknown.
```

```
     Probably based on Philips CDD 521.
     You might want to try PhilipsCDD2000 driver.

(t) Kodak PCD225:
     Supported by MakeCD. Driver PhilipsCDD2000.
     Untested! Will most likely work.
     Based on Philips CDD 522.
     See
                Philips CDD 522
                .

(?) Kodak PCD600:
     Unknown.
     You might want to try PhilipsCDD2000 driver.

(U) Matsushita CW-7501:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     Based on Panasonic CW-7501.
     See
                Panasonic CW-7501
                .

(?) MDI CD Writer:
     Unknown.

(t) Microboards of America PlayWrite 2000:
     Supported by MakeCD. Driver Sony.
     Untested! Will most likely work.
     Based on Sony CDU 920S.
     See
                Sony CDU920S
                .

(?) Microboards of America PlayWrite 2040:
     Unknown.

(t) Microboards of America PlayWrite 4000:
     Supported by MakeCD. Driver Yamaha.
     Untested! Will most likely work.
     Based on Yamaha CDR 100.
     See
                Yamaha CDR 100
                .

(t) MicroNet Technology MasterCD Pro:
     Supported by MakeCD. Driver Yamaha.
     Untested! Will most likely work.
     Based on Yamaha CDR 100.
     See
                Yamaha CDR 100
                .

(U) Mitsumi CDR 2201CS:
     Not supported.
     See
                Mitsumi CDR 2201CS
```

```
                .

(U) Mitsumi CR-2200CS:
     Not supported.
     Based on Mitsumi CDR 2201CS, but 4 MB buffer size.
     See
                Mitsumi CDR 2201CS
                .

(T) Mitsumi CDR 2401:
     Supported by MakeCD. Driver PhilipsCDD2000.
     Tested by customers of MakeCD.
     Based on Philips CDD 2000.
     See
                Philips CDD 2000
                .

(U) Mitsumi CR-2600TE:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     See
                Mitsumi CR-2600TE
                .

(?) Olympus CD-R2:
     Unknown. Try Sony driver.
     Based on Olympus CDS615E, external case.

(?) Olympus CD-R2x4:
     Unknown. Try Sony driver.
     Probably based on a Sony CD writer.

(?) Olympus CDS615E:
     Unknown. Try Sony driver.
     Most likely based on a Sony CD writer.

(?) Olympus CDS620E:
     Unknown. Try Sony driver.
     Most likely based on a Sony CD writer.

(?) Optima DisKovery 1300CDR:
     Unknown.

(t) Optima DisKovery 650 CD-R:
     Supported by MakeCD. Driver Sony.
     Untested! Will most likely work.
     Based on the Sony CDU920S.
     See
                Sony CDU920S
                .

(U) Panasonic CW-7501:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     See
                Panasonic CW-7501
                .
```

```
(U) Panasonic CW-7502:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     See
                Panasonic CW-7502
                .

(T) Philips CDD2000:
     Supported by MakeCD. Driver PhilipsCDD2000.
     Tested by the authors of MakeCD.
     See
                Philips CDD 2000
                .

(T) Philips CDD2600:
     Supported by MakeCD. Driver PhilipsCDD2600.
     Tested by customers of MakeCD.
     See
                Philips CDD 2600
                .

(?) Philips CDD3600:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     See
                Philips CDD 3600
                .

(?) Philips CDD3610:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     See
                Philips CDD 3600
                .

(?) Philips CDD521:
     Unknown. You might want to try PhilipsCDD2000 driver.
     See
                Philips CDD 522
                .

(T) Philips CDD522:
     Supported by MakeCD. Driver PhilipsCDD2000.
     Tested by customers of MakeCD.
     See
                Philips CDD 522
                .

(t) Pinnacle RCD-1000:
     Supported by MakeCD. Driver JVC. BETA!
     Untested! Might cause problems because of firmware bugs.
     Based on JVC XR-W2001.

(U) Pinnacle RCD-202:
     Unknown. Try driver JVC.
     Based on either JVC XR-W1001 or JVC Personal RomMaker or both.
```

```
(U) Pinnacle RCD 4x4:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     Based on Teac CD-R50S.
     See
                TEAC CD-R50S
                .

(?) Pinnacle RCD 5020:
     Unknown.

(t) Pinnacle RCD 5040:
     Supported by MakeCD. Driver JVC. BETA!
     Untested! Might cause problems because of firmware bugs.  Based on
     JVC XR-W2010.
     See
                JVC XR-W2010
                .

(U) Pioneer DW-S114X:
     Not yet supported. Programmer documentation available. No
     promises, though.
     We are still looking for people who have such a drive. Contact us!

(t) Plasmon CDR4220:
     Supported by MakeCD. Driver PhilipsCDD2000.
     Untested! Will most likely work.
     Based on Philips CDD 2000.
     See
                Philips CDD 2000
                .

(U) Plasmon CDR-4240:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     Based on Panasonic CW-7501.
     See
                Panasonic CW-7501
                .

(t) Plasmon CDR-4400:
     Supported by MakeCD. Driver Yamaha.
     Untested! Will most likely work.
     Based on Yamaha CDR 100. Exactly the same according to Plasmon.
     See
                Yamaha CDR 100
                .

(U) Plasmon CDR RF4100:
     Not supported. Will probably never be supported.
     Only the hardware of the drive is based on Philips CDD 522.
     1 MB buffer, expandable to 2 MB.
     See
                Plasmon CDR RF4100
                .
```

```
(U) Plasmon CDR RF4102:
     Not supported. Will probably never be supported.
     Only the hardware of the drive is based on Philips CDD 522.
     Based on Plasmon RF4100.
     2 MB buffer, expandable to 32 MB.

(U) Plasmon CDR 480:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     Based on Panasonic CW-7502.
     See
                Panasonic CW-7502
                .

(T) Plextor CD-R PX-R24CS:
     Supported by MakeCD. Driver Plextor.
     Tested by the authors of MakeCD.
     See
                Plextor PX-R24CS
                .

(t) Procom Technology PCDR-4x:
     Supported by MakeCD. Driver Yamaha.
     Untested! Will most likely work.
     Based on Yamaha CDR 100.
     See
                Yamaha CDR 100
                .

(?) Ricoh MP6200S:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     New drive that supports CD-Rs and CD-ReWritable media.
     See
                Ricoh MP6200S
                .

(U) Ricoh RO1060C:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     See
                Ricoh RO-1060C
                .

(T) Ricoh RO-1420C:
     Supported by MakeCD. Driver Plextor.
     Tested by customers of MakeCD.
     Might be based on Plextor CD-R PX-R24CS.
     See
                Ricoh RO-1420C
                .

(U) Ricoh RS1060C:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     Based on Ricoh RO-1060C, but in external case.
     See
```

```
                Ricoh RO-1060C
                .

(T) Ricoh RS-1420C:
     Supported by MakeCD. Driver Plextor.
     Tested by customers of MakeCD.
     Based on Ricoh RO-1420C, but in external case.
     See
                Ricoh RO-1420C
                .

(?) Ricoh RS9200CD:
     Unknown.
     You might want to try Plextor driver.
     See
                Ricoh RS9200CD
                .

(t) Smart & Friendly CDR1002:
     Supported by MakeCD. Driver Sony.
     Untested! Will most likely work.
     Based on Sony CDU 920S.
     See
                Sony CDU920S
                .

(t) Smart & Friendly CDR1004:
     Supported by MakeCD. Driver Yamaha.
     Untested! Will most likely work.
     Based on Yamaha CDR 102.
     See
                Yamaha CDR 102
                .

(U) Smart & Friendly CDR2001:
     Unknown.

(t) Smart & Friendly CDR2004:
     Supported by MakeCD. Driver Sony.
     Untested! Will most likely work.
     Based on Sony CDU 940S / 924S.
     See
                Sony CDU924S
                .

(t) Smart & Friendly CDR2006:
     Supported by MakeCD. Driver Sony.
     Untested! Will most likely work.
     Based on Sony.
     See
                Sony CDU926S
                .

(t) Smart & Friendly CDR4000:
     Supported by MakeCD. Driver Yamaha.
     Untested! Will most likely work.
     Based on Yamaha CDR 100.
```

```
     See
                Yamaha CDR 100
                .

(U) Smart & Friendly CDR4006:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     Based on Yamaha CDR 400.
     See
                Yamaha CDR 400
                .

(t) Sony CDU920S:
     Supported by MakeCD. Driver Sony.
     Untested! Will most likely work.
     See
                Sony CDU920S
                .

(t) Sony CDU924S:
     Supported by MakeCD. Driver Sony.
     Untested! Will most likely work.
     See
                Sony CDU924S
                .

(T) Sony CDU926S:
     Supported by MakeCD. Driver Sony.
     Tested by the authors of MakeCD.
     See
                Sony CDU926S
                .

(?) Sony CDU928E:
     Unknown. Try Sony driver.
     See
                Sony CDU928E
                .

(t) Sony CDU940S:
     Supported by MakeCD. Driver Sony.
     Untested! Will most likely work.
     Based on Sony CDR 924S, including software etc.
     See
                Sony CDU924S
                .

(?) Sony CDW 900E:
     Unknown. Try Sony driver.

(?) Sony EDW-1/CDW-1:
     Unknown. Try Sony driver.

(t) Sony Spressa 9211:
     Supported by MakeCD. Driver Sony.
     Untested! Will most likely work.
     Based on Sony CDR 920S, external case.
```

```
     See
                Sony CDU920S
                .

(t) Sony Spressa 9411:
     Supported by MakeCD. Driver Sony.
     Untested! Will most likely work.
     Based on Sony CDR 940S / 924S, external case.
     See
                Sony CDU924S
                .

(t) Sony Spressa 9611 (CSP-9611S):
     Supported by MakeCD. Driver Sony.
     Untested! Will most likely work.
     Based on Sony CDR 926S, external case.
     See
                Sony CDU926S
                .

(?) Taiyo Yuden EW-50:
     Unknown.

(U) Teac CD-R50S:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     See
                TEAC CD-R50S
                .

(t) Traxdata CDR 2600:
     Probably supported by MakeCD. Driver PhilipsCDD2600.
     Untested! Will most likely work.
     Probably based on Philips CDD 2600.
     See
                Philips CDD 2600
                .

(U) Traxdata CDR 4600:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     Based on Yamaha CDR 400.

(?) Traxdata CDERW 2260:
     Not yet supported.
     Based on Traxdata CDRW 2260.

(?) Traxdata CDERW 4260:
     Not yet supported.
     Based on Traxdata CDRW 4260.

(?) Traxdata CDRW 2260:
     Not yet supported.
     Based on a ReWritable drive.

(?) Traxdata CDRW 4260:
     Not yet supported.
```

```
     Based on a ReWritable drive.

(t) Turtle Beach 2040R:
     Supported by MakeCD. Driver Plextor.
     Untested! Will most likely work.
     Based on Ricoh RO-1420C.
     See
                Ricoh RO-1420C
                .

(?) Wearnes CDR 432:
     Unknown.

(t) Yamaha CDE 100:
     Supported by MakeCD. Driver Yamaha.
     Untested! Will most likely work.
     Based on Yamaha CDR 100, external.
     See
                Yamaha CDR 100
                .

(t) Yamaha CDE 102:
     Supported by MakeCD. Driver Yamaha.
     Untested! Will most likely work.
     Based on Yamaha CDR 102, external.
     See
                Yamaha CDR 102
                .

(T) Yamaha CDR 100:
     Supported by MakeCD. Driver Yamaha.
     Tested by the authors of MakeCD.
     See
                Yamaha CDR 100
                .

(T) Yamaha CDR 102:
     Supported by MakeCD. Driver Yamaha.
     Tested by customers of MakeCD.
     See
                Yamaha CDR 102
                .

(U) Yamaha CDR 200:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     See
                Yamaha CDR 200
                .

(U) Yamaha CDR 400c:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     Caddy version
     See
                Yamaha CDR 400
                .
```

```
(U) Yamaha CDR 400t:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     Tray version
     See
                Yamaha CDR 400
                .

(U) Yamaha CDR 400tx:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     External version with tray
     See
                Yamaha CDR 400
                .

(U) Yamaha CD-RW 4001:
     Not yet supported. Programmer documentation in order. No promises,
     though.
     See
                Yamaha CD-RW 4001
                .
```

1.7 Compatibility.guide/CDR_INFO_LIST

```
                CD writer information list
--------------------------

We have tried to collect as many information about the different CD
writers as possible in order to help you buying the best drive for your
needs. Of course, it's your own risk to use this information, but we
tried to do a good job. If you have corrections or additions, contact us
at 'makecd@ira.uka.de'.

The information about the CD writers is in alphabetical order.



                 JVC XR-W1001

                 JVC XR-W2010

                 JVC XR-W2022

                 Mitsumi CDR 2201CS

                 Mitsumi CR-2600TE

                 Panasonic CW-7501

                 Panasonic CW-7502
```

```
Philips CDD 2000

Philips CDD 2600

Philips CDD 3600

Philips CDD 522

Plasmon CDR RF4100

Plextor PX-R24CS

Ricoh MP6200S

Ricoh RO-1060C

Ricoh RO-1420C

Ricoh RS9200CD

Sony CDU920S

Sony CDU924S

Sony CDU926S

Sony CDU928E

TEAC CD-R50S

Yamaha CDR 100

Yamaha CDR 102

Yamaha CDR 200

Yamaha CDR 400

Yamaha CD-RW 4001
```

1.8 Compatibility.guide/CDR_JVCXRW1001

```
JVC XR-W1001
............

Summary:

     Reading speed.............: 1x
     Writing speed.............: 1x
     Internal buffer size......: <unknown>
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: <unknown>
```

```
     Supports Packet Writing...: <unknown>
     Release date..............: <unknown>
     Interface.................: SCSI
     Comments..................: Discontinued

MakeCD maybe support this CD writer. Try driver JVC.

This node has been written by Angela Schmidt. We never had a JVC
XR-1001 here to test, so all information is based on JVC's information.
Further information is welcome.
```

1.9 Compatibility.guide/CDR_JVCXRW2010

```
                JVC XR-W2010
.............

Summary:

     Reading speed.............: 4x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: V1.51 (as of 15-Mar-1997)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: <unknown>
     Release date..............: <unknown>
     Interface.................: SCSI-2
     Comments..................: Discontinued

Mechanic does not look very stable. Tray often opens while transporting
the drive. Drive has a SPEED and a BUSY LED, a phone connector and a
volume control wheel at the front.

Firmware version 1.51 has problems with reading commands. CD-ROM
filesystems often report reading errors and the drive sometimes seems to
pass wrong data when reading. Seems like it does not do any error
checking. So don't expect you can use this drive with this firmware
version as a CD-ROM drive.

You also have to expect problems with MultiSession CDs (with data
merging), because for data merging, some data must be read from CD.

MakeCD supports this CD writer. However, since the firmware of the JVC
is very buggy at the moment, we can't guarantee that it will work in all
configurations. See
                JVC Test Protocol
                .

The following drives are based on JVC XR2010:

   · JVC XR-W2012 (external case)

   · Pinnacle RCD 5040
```

```
This node has been written by Angela Schmidt. Rene
<danger@poet.shnet.org> has provided some additional information.
```

1.10 Compatibility.guide/CDR_JVCXRW2022

```
               JVC XR-W2022
............

Summary:

     Reading speed.............: 6x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: 4/1997
     Interface.................: SCSI-2
     Comments..................: <none>

MakeCD supports this CD writer -- but we only tested with JVC XR-W2010.
Since JVC drives are full of firmware bugs, we don't guarantee for
anything. Just try it! See
               JVC Test Protocol
               .

This node has been written by Angela Schmidt. We never had a JVC
XR-2022 here to test, so all information is based on JVC's information.
Further information is welcome.
```

1.11 Compatibility.guide/CDR_MITSUMICDR2201CS

```
Mitsumi CDR 2201CS
..................

Summary:

     Reading speed.............: 4x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: Yes
     Latest firmware version...: 6121 (as of 15-Mar-1997)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: No
```

```
     Release date.............: 1995
     Interface................: SCSI
     Comments.................: Discontinued

The following drives are based on Mitsumi CDR 2201CS:

   · Mitsumi CR-2200CS

MakeCD does not support this CD writer.

This node has been written by Angela Schmidt. We never had a Mitsumi
CDR 2201CS here to test, so all information is based on Mitumi's
information. Further information is welcome.
```

1.12 Compatibility.guide/CDR_MITSUMICR2600TE

```
Mitsumi CR-2600TE
.................

Summary:

     Reading speed............: 6x
     Writing speed............: 2x
     Internal buffer size.....: 1 MB
     Loading mechanism........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: 2.16 (2=hardware; 16=firmware version)
     Supports Disk At Once.....: No, but TAO without GAP
     Supports Packet Writing...: Yes
     Release date.............: 12/1996
     Interface................: IDE/EIDE (ATAPI)
     Comments.................: <none>

MakeCD does not yet support this CD writer. Programmer documentation is
in order.

This node has been written by Angela Schmidt. We never had a Mitsumi CR
2600TE here to test, so all information is based on Mitumi's
information. Further information is welcome.
```

1.13 Compatibility.guide/CDR_PANASONICCW7501

```
Panasonic CW-7501
.................

Summary:

     Reading speed............: 4x
     Writing speed............: 2x
     Internal buffer size.....: 1 MB
```

```
     Loading mechanism.........: Tray
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: 1996
     Interface.................: SCSI
     Comments..................: <none>

The following drives are based on Panasonic CW-7501:

   · Creative Labs CDR4210

   · Matsushita CW-7501

   · Plasmon CDR-4240

   · Compro CD-R 7501-INT (most likely)

MakeCD does not yet support this CD writer. Programmer documentation is
in order.

This node has been written by Angela Schmidt. We never had a Panasonic
CW-7501 here to test, so all information is based on customer's
information and from Plasmon. Further information is welcome.
```

1.14 Compatibility.guide/CDR_PANASONICCW7502

```
Panasonic CW-7502
.................

Summary:

     Reading speed.............: 8x
     Writing speed.............: 4x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: 5/1997
     Interface.................: SCSI-2
     Comments..................: <none>

The following drives are based on Panasonic CW-7502:

   · Plasmon CDR-480

   · Compro CD-R 7502-INT (most likely)

MakeCD does not yet support this CD writer. Programmer documentation is
in order.
```

This node has been written by Angela Schmidt. We never had a Panasonic CW-7502 here to test, so all information is based on customer's information and from Plasmon. Further information is welcome.

1.15 Compatibility.guide/CDR_PHILIPSCDD2000

```
                Philips CDD 2000
................
```

Summary:

```
     Reading speed.............: 4x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: 1.26 or 1.27
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: <unknown>
     Release date..............: 1995
     Interface.................: SCSI
     Comments..................: <none>
```

This CD writer is very popular, although we can't recommend it. A lot of people reported hardware errors called 'write append erros' and similar things. They had to send in their drive to get it fixed. Have a look at the MakeCD FAQ for further information about those problems.

Firmware is kept in flash ROM, so you can update it. But you need a PC in order to do that.

Some SCSI hostadapters have SCSI trouble with this drive.

See
```
                Grundig CDR 100 IPW V1.20
                . (bad)
```
See
```
                A4000/40 + Fastlane + HP SureStore 4020
                . (bad)
```
See
```
                A1200 + dkbscsi.device + Philips CDD 2000
                . (good)
```

The following drives are based on Philips CDD 2000:

- Grundig CDR100 IPW
- HP SureStore 4020i
- Mitsumi CDR 2401
- Plasmon CDR4220

MakeCD supports this CD writer. See

```
                Philips CDD 2000 Test Protocol
                .

This node has been written by Angela Schmidt. We never had a Philips
CDD 2000 here to test, so all information is based on customer's
information. Further information is welcome.
```

1.16 Compatibility.guide/CDR_PHILIPSCDD2600

```
                Philips CDD 2600
................

Summary:

     Reading speed.............: 6x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: No
     Latest firmware version...: 1.07
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: <unknown>
     Release date..............: IV/1996
     Interface.................: SCSI-2
     Comments..................: <none>

In our test, this drive could not successfully read all audio tracks of
a CD. If you switch down to 1x speed, it's better, but there are still
errors in the audio data.

Some SCSI hostadapters have SCSI trouble with this drive.

This CD writer does not have a flashrom for firmware updates.

See
                A4000 + Fastlane + Philips CDD 2600
                . (bad)
See
                A2000 + Blizzard 2060 + HP SureStore 6020
                . (good)
See
                A3000 + Philips CDD 2600
                . (bad)
See
                A4000/40 + Fastlane + Philips CDD 2600
                . (bad)
See
                A4000 + CyberSCSI + Philips CDD 2600
                . (good)
See
                A1200 + 1230scsi.device + HP SureStore 6020
                . (good)
```

```
The following drives are based on Philips CDD 2600:

   · HP SureStore CD-Writer 6020i (internal)

   · HP SureStore CD-Writer 6020es (external)

   · HP SureStore CD-Writer 6020ep (external, parallel interface)

   · Traxdata CDR 2600 (probably)

HP SureStore CD-Writer 6020 include an empty HP SureStore CD-R and
software for PC: Easy-CD, Easy CD-Audio and Alchemy Personal.

MakeCD supports this CD writer. See
                Philips CDD 2600 Test Protocol
                .

This node has been written by Angela Schmidt. We never had a Philips
CDD 2600 here to test, so all information is based on customer's
information. Further information is welcome.
```

1.17 Compatibility.guide/CDR_PHILIPSCDD3600

```
Philips CDD 3600
................

Summary:

     Reading speed.............: 6x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: 1997
     Interface.................: SCSI-2 or EIDE/ATAPI (CDD 3610)
     Comments..................: CD-R/RW Drive

The following drives are based on Philips CDD 3600:

   · Philips CDD3610 (EIDE/ATAPI)

MakeCD does not yet support this CD writer. Programmer documentation is
in order. No promises, though.

This node has been written by Angela Schmidt. We never had a Philips
CDD 3600 to test. All information is based on Philips's press releases.
More information is welcome.
```

1.18 Compatibility.guide/CDR_PHILIPSCDD522

```
                Philips CDD 522
................

Summary:

     Reading speed.............: 2x
     Writing speed.............: 2x
     Internal buffer size......: <unknown>
     Loading mechanism.........: Tray
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: No
     Supports Packet Writing...: No
     Release date..............: <unknown>
     Interface.................: SCSI
     Comments..................: Discontinued

This is quite an old CD writer.

The following drives are based on Philips CDD 522:

   · Kodak PCD225

   · Plasmon RF4100 (only hardware, firmware incompatible!)

   · Plasmon RF4102 (only hardware, firmware incompatible!)

MakeCD supports this CD writer. See
                Philips CDD 2000 Test Protocol
                .

This node has been written by Angela Schmidt. We never had a Philips
CDD 522 here to test, so all information is based on customer's
information. Further information is welcome.
```

1.19 Compatibility.guide/CDR_PLASMONCDRRF4100

```
Plasmon CDR RF4100
..................

Summary:

     Reading speed.............: 2x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB (expandable to 2 MB)
     Loading mechanism.........: Tray
     FlashROM for firmware.....: No
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: No
     Supports Packet Writing...: No
```

```
     Release date.............: 1993
     Interface................: SCSI
     Comments.................: Discontinued

The following drives are based on Philips Plasmon CDR RF4100:

   · Plasmon CDR RF4102 (buffer 2 MB, expandable to 32 MB)

MakeCD does not support this CD writer.

This node has been written by Angela Schmidt. We never had a Plasmon
CDR RF4100 to test. All information is based on information from
Plasmon. Further information is welcome.
```

1.20 Compatibility.guide/CDR_PLEXTORPXR24CS

```
                Plextor PX-R24CS
.................

Summary:

     Reading speed............: 4x
     Writing speed............: 2x
     Internal buffer size.....: <unknown>
     Loading mechanism........: Caddy
     FlashROM for firmware.....: Yes
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: <unknown>
     Supports Packet Writing...: <unknown>
     Release date.............: <unknown>
     Interface................: SCSI
     Comments.................: <none>

We had a very early model which might differ from the models that are
being sold. This drive has a phone connector, two volume control buttons
and one LED in the front. The terminator resistant arrays are located at
the back of the drive and pin 1 is not marked on the drive, so make
sure you note this when removing them.

Some SCSI hostadapters have SCSI trouble with this drive. Be prepared to
switch off reselection for this CD writer.

AFAIK Firmware is kept in flash ROM, so you can update it. But you need
a PC in order to do that.

See
                A4000T + WarpEngine 40/40 + Plextor CD-R PX-R24CS
                . (good)
See
                A2000 + 2060scsi.device + Ricoh RO-1420C
                . (good)
See
                SCSI using WD chip + Plextor CD-R PX-R24CS
                . (bad)
```

```
See
                A4000 + scsi.device/cybscsi.devices + Ricoh RO-1420C
                . (good)

The following drives are based on Plextor CD-R PX-R24CS:

   · Ricoh RO-1420C (same command set, parts of hardware differ)

   · Ricoh RS-1420C (same command set, parts of hardware differ)

MakeCD supports this CD writer. See
                Plextor PX-R24CS Test Protocol
                .

This node has been written by Angela Schmidt.
```

1.21 Compatibility.guide/CDR_RICOHMP6200S

```
Ricoh MP6200S
.............

Summary:

     Reading speed.............: 6x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Caddy or Tray
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: 3/1997
     Interface.................: SCSI-2
     Comments..................: CD-R/RW Drive

MakeCD does not yet support this CD writer. Programmer documentation is
in order. No promises, though.

This node has been written by Angela Schmidt. We never had a Ricoh
MP6200S to test. All information is based on Ricoh's press releases.
More information is welcome.
```

1.22 Compatibility.guide/CDR_RICOHRO1060C

```
Ricoh RO-1060C
..............

Summary:
```

```
     Reading speed.............: 2x
     Writing speed.............: 2x
     Internal buffer size......: 512 KB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknwon>
     Supports Disk At Once.....: No
     Supports Packet Writing...: No
     Release date..............: 1995
     Interface.................: SCSI
     Comments..................: Discontinued

The following drives are based on Ricoh RO-1060C:

   · Creative Labs CDR2000

   · Ricoh RS-1060C (Ricoh RO-1060C in external case)

MakeCD does not yet support this CD writer. Programmer documentation is
in order. No promises, though.

This node has been written by Angela Schmidt. We never had a Ricoh
RO-1060C here to test, so all information is based on customer's
information. Further information is welcome.
```

1.23 Compatibility.guide/CDR_RICOHRO1420C

```
                Ricoh RO-1420C
..............

Summary:

     Reading speed.............: 4x
     Writing speed.............: 2x
     Internal buffer size......: 512 KB, 1 MB and 2 MB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: Yes
     Latest firmware version...: <unknwon>
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: No
     Release date..............: 1996
     Interface.................: SCSI
     Comments..................: Discontinued

Some SCSI hostadapters have SCSI trouble with this drive. Be prepared to
switch off reselection for this CD writer.

Firmware is kept in flash ROM, so you can update it. But you need a PC
in order to do that.

See
                A4000T + WarpEngine 40/40 + Plextor CD-R PX-R24CS
                . (good)
See
```

```
                A2000 + 2060scsi.device + Ricoh RO-1420C
                . (good)
See
                SCSI using WD chip + Plextor CD-R PX-R24CS
                . (bad)
See
                A4000 + scsi.device/cybscsi.devices + Ricoh RO-1420C
                . (good)

The following drives are based on Ricoh RO-1420C:

   · Plextor CD-R PX-R24CS (same command set, parts of hardware differ)

   · Ricoh RS-1420C (Ricoh RO-1420C in external case)

   · Turtle Beach 2040R

MakeCD supports this CD writer. See
                Plextor Test Protocol
                .

This node has been written by Angela Schmidt. We never had a Ricoh
RO-1420C here to test, so all information is based on customer's
information. Further information is welcome.
```

1.24 Compatibility.guide/CDR_RICOHRS9200CD

```
Ricoh RS9200CD
..............

Summary:

     Reading speed.............: 1x
     Writing speed.............: 1x
     Internal buffer size......: 512 KB (?)
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknwon>
     Supports Disk At Once.....: <unknown>
     Supports Packet Writing...: Yes
     Release date..............: 1993
     Interface.................: SCSI
     Comments..................: Discontinued

MakeCD does not and maybe will never support this CD writer.

This node has been written by Angela Schmidt. We never had a Ricoh
RS9200CD here to test. All information is based on Ricoh's information.
Further information is welcome.
```

1.25 Compatibility.guide/CDR_SONYCDU920S

```
                Sony CDU920S
............

Summary:

     Reading speed.............: 2x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: <unknown>
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: <unknown>
     Supports Packet Writing...: <unknown>
     Release date..............: <unknown>
     Interface.................: <unknown>
     Comments..................: Discontinued. Replaced by Sony CDU 940S / 924S.

The following drives are based on Sony CDU920S:

   · Microboards of America PlayWrite 2000

   · Optima DisKovery 650 CD-R

   · Smart & Friendly CDR1002

   · Sony Spressa 9211

MakeCD should support this CD writer (untested). See
                Sony Test Protocol
                .

This node has been written by Angela Schmidt.
```

1.26 Compatibility.guide/CDR_SONYCDU924S

```
                Sony CDU924S
............

Summary:

     Reading speed.............: 4x
     Writing speed.............: 2x
     Internal buffer size......: 1 MB
     Loading mechanism.........: <unknown>
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: <unknown>
     Supports Packet Writing...: <unknown>
     Release date..............: <unknown>
     Interface.................: <unknown>
```

```
     Comments..................: <none>

The following drives are based on Sony CDU924S:

   · Smart & Friendly CDR2004

   · Sony CDU940S

   · Sony Spressa 9411

MakeCD should support this CD writer (untested). See
                Sony Test Protocol
                .

This node has been written by Angela Schmidt.
```

1.27 Compatibility.guide/CDR_SONYCDU926S

```
                Sony CDU926S
............

Summary:

     Reading speed.............: 6x
     Writing speed.............: 2x
     Internal buffer size......: 512 KB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: No
     Supports Packet Writing...: Yes
     Release date..............: 1997
     Interface.................: SCSI-2
     Comments..................: <none>

This drive has one orange/green LED, a phone connector and a volume
control wheel at the front. You can use a jumper to configure if it
should show up as CD-ROM SCSI drive or as WORM SCSI drive.

The following drives are based on Sony CDU926S:

   · Sony Spressa 9611 (probably)

   · Smart & Friendly CDR2006 (probably)

MakeCD does not yet support this CD writer. Coming soon. See

                Sony Test Protocol
                .

This node has been written by Angela Schmidt.
```

1.28 Compatibility.guide/CDR_SONYCDU928E

```
Sony CDU928E
............
```

Summary:

```
     Reading speed.............: 8x
     Writing speed.............: 2x
     Internal buffer size......: 512 KB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: <unknown>
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: No
     Supports Packet Writing...: Yes
     Release date..............: 1997
     Interface.................: ATAPI
     Comments..................: <none>
```

MakeCD does not yet support this CD writer.

This node has been written by Angela Schmidt. We never had a Sony CDU928E here to test. All information is based on Sony's information. Further information is welcome.

1.29 Compatibility.guide/CDR_TEACCDR50S

```
TEAC CD-R50S
............
```

Summary:

```
     Reading speed.............: 4x
     Writing speed.............: 4x
     Internal buffer size......: 1 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: <unknown>
     Interface.................: SCSI-2
     Comments..................: <none>
```

The following drives are based on TEAC CD-R50S:

- Pinnacle RCD 4x4

MakeCD does not yet support this CD writer. Programmer documentation is

in order.

This node has been written by Angela Schmidt. We never had a TEAC
CD-R50S here to test, so all information is based on TEAC's information.
Further information is welcome.

1.30 Compatibility.guide/CDR_YAMAHACDR100

```
                Yamaha CDR 100
..............
```

Summary:

```
     Reading speed.............: 4x
     Writing speed.............: 4x
     Internal buffer size......: 512 KB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: N
     Latest firmware version...: 1.12 (as of 15-Mar-1997)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: No
     Release date..............: <unknown>
     Interface.................: SCSI-2
     Comments..................: Discontinued. Replaced by Yamaha CDR 400.
```

This is a very recommended CD writer. The authors of MakeCD are using
this CD writer (firmware version 1.12) for quite a while without any
trouble. Reading audio data works without problems in any speed. Writing
data and audio CDs is very reliable. Every SCSI hostadapter we tried
worked fine with this CD writer. Reselection works fine, too.

There are 5 LEDs in the front of this CD writer:

DISC, green
     Blinking while a new CD is being accepted. On when CD is accepted.

READ, green
     On while reading.

WRITE, orange
     On while writing. Blinking when writing in test mode.

2x, green
     On while working in 2x speed. Off while working in 1x or 4x speed.

4x, green
     On while working in 4x speed. Off while working in 1x or 2x speed.

We don't have exact information, but we think this device is almost the
same as the

```
                Yamaha CDR 102
```

, except for the maximum writing speed.

See

```
                A3000 + internal scsi.device + Yamaha CDR100
                . (good)
See
                A4000 + Cyberstorm MK-I
                . (good)
See
                A1200 + 1230scsi.device + Yamaha CDR-102
                . (good)

The following drives are based on Yamaha CDR 100:

   · DynaTek Automation Systems CDM400

   · Microboards of America PlayWrite 4000

   · MicroNet Technology MasterCD Pro

   · Plasmon CDR-4400

   · Procom Technology PCDR-4x

   · Smart & Friendly CDR4000

   · Yamaha CDE 100

MakeCD supports this CD writer. See
                Yamaha Test Protocol
                .

This node has been written by Angela Schmidt.
```

1.31 Compatibility.guide/CDR_YAMAHACDR102

```
                Yamaha CDR 102
..............

Summary:

     Reading speed.............: 4x
     Writing speed.............: 2x
     Internal buffer size......: 512 KB
     Loading mechanism.........: Caddy
     FlashROM for firmware.....: No
     Latest firmware version...: 1.01 (12/25/95)
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: No
     Release date..............: <unknown>
     Interface.................: SCSI-2
     Comments..................: Discontinued. Replaced by Yamaha CDR 200.

This CD writer is very recommended, too.

We don't have personal experiences with this CD writer, but we think it
```

```
will most likely bahave similar to
                Yamaha CDR 100
                .

See
                A1200 + 1230scsi.device + Yamaha CDR-102
                . (good)
See
                A3000 + internal scsi.device + Yamaha CDR100
                . (good)
See
                A4000 + Cyberstorm MK-I
                . (good)

The following drives are based on Yamaha CDR 102:

   · DynaTek Automation Systems CDM240

   · Smart & Friendly CDR1004

   · Yamaha CDE 102

MakeCD supports this CD writer. See
                Yamaha Test Protocol
                .

This node has been written by Angela Schmidt. We never had a Yamaha CDR
102 here to test. All information is based on Yamaha's and on
customer's information. Further information is welcome.
```

1.32 Compatibility.guide/CDR_YAMAHACDR200

```
Yamaha CDR 200
..............

Summary:

     Reading speed.............: 6x
     Writing speed.............: 2x
     Internal buffer size......: 2 MB
     Loading mechanism.........: Caddy or Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: 3/1997
     Interface.................: SCSI-2
     Comments..................: <none>

MakeCD does not yet support this CD writer. Programmer documentation is
in order. No promises, though.

This node has been written by Angela Schmidt. We never had a Yamaha CDR
```

200 here to test. All information is based on Yamaha's information.
Further information is welcome.

1.33 Compatibility.guide/CDR_YAMAHACDR400

Yamaha CDR 400
....

Summary:

```
     Reading speed.............: 6x
     Writing speed.............: 4x
     Internal buffer size......: 2 MB
     Loading mechanism.........: Caddy or Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: <unknown>
     Supports Disk At Once.....: Yes
     Supports Packet Writing...: Yes
     Release date..............: 2/1997
     Interface.................: SCSI-2
     Comments..................: Also available as IDE version
```

The following drives are based on Yamaha CDR 400:

- Traxdata CDR 4600
- Yamaha CDR 400c (Caddy version)
- Yamaha CDR 400t (Tray version)
- Yamaha CDR 400tx (External tray version)

MakeCD does not yet support this CD writer. Programmer documentation is
in order. No promises, though.

This node has been written by Angela Schmidt. We never had a Yamaha CDR
400 here to test. All information is based on Yamaha's information.
Further information is welcome.

1.34 Compatibility.guide/CDR_YAMAHACDRW4001

Yamaha CD-RW 4001
....

```
     Reading speed.............: 6x
     Writing speed.............: 4x (CD-R) and 2x (CD-RW)
     Internal buffer size......: 2 MB
     Loading mechanism.........: Tray
     FlashROM for firmware.....: Yes
     Latest firmware version...: <unknown>
```

```
     Supports Disk At Once.....: <unknown>
     Supports Packet Writing...: Yes
     Release date..............: 7/1997
     Interface.................: SCSI-2
     Comments..................: <none>

MakeCD does not yet support this CD writer. Programmer documentation is
in order. No promises, though.

This node has been written by Angela Schmidt. We never had a Yamaha
CD-RW 4001 here to test. All information is based on Yamaha's
information. Further information is welcome.
```

1.35 Compatibility.guide/CDR_TEST_PROT_LIST

```
                CD writer test protocol list
----------------------------

We have carefully tested all MakeCD drivers. Have a look at our test
protocols. They help you to find out if your drive well tested, which
restrictions you have to expect, etc.



                 Test of MakeCD driver JVC

                 Test of MakeCD driver PhilipsCDD2000

                 Test of MakeCD driver PhilipsCDD2600

                 Test of MakeCD driver Plextor

                 Test of MakeCD driver Sony

                 Test of MakeCD driver Yamaha
```

1.36 Compatibility.guide/CDR_TST_JVC

```
Test of MakeCD driver 'JVC'
...........................

Using drive 'JVC XR-W2010 V1.51'
          Table of Contents: ....OK (sometimes did not work correctly with
                                     the last track of unfixed sessions in
                                     our test; a negative track length is
                                     reported. That's a firmware bug. Ignoring
                                     this error and writing another track is
                                     possible and even fixed the problem.)
          Test mode: ............OK
          Read data track: ......OK (sometimes passes wrong data or fails
```

```
                                with medium errors; that's a JVC bug.
                                CD-Rs written by the JVC can be read in
                                other drives, though. Recognition of
                                mode 2 tracks may fail because of the
                                read errors, thus fixation might be done
                                with the wrong TOC type.)
        Read audio track: .....OK
        Write data track: .....OK (caused "unknown command" errors on
                                some systems; these errors disappeared
                                when we removed all other drives from
                                the SCSI bus; that's a firmware bug)
        Write audio track: ....OK (caused "unknown command" errors on
                                some systems; these errors disappeared
                                when we removed all other drives from
                                the SCSI bus; that's a firmware bug)
        Writing speeds: .......OK
        Fix session: ..........OK (won't work if the firmware bug
                                described under Table of Contents
                                happens)
        Fix CD-R: .............OK (won't work if the firmware bug
                                described under Table of Contents
                                happens)
        Repair track: .........<not supported by CD writer>
        Tested by: ............Patrick Ohly
```

1.37 Compatibility.guide/CDR_TST_PHILIPSCDD2000

```
Test of MakeCD driver 'PhilipsCDD2000'
......................................

Using drive Philips CDD2000:
          Table of Contents: ....OK
          Test mode: ............OK
          Read data track: ......OK
          Read audio track: .....OK
          Write data track: .....OK
          Write audio track: ....OK
          Writing speeds: .......OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          Repair track: .........<not yet tested>
          Tested by: ............Patrick Ohly

Using drive HP SureStore 4020i
          Table of Contents: ....OK
          Test mode: ............OK
          Read data track: ......OK
          Read audio track: .....OK
          Write data track: .....OK
          Write audio track: ....OK
          Writing speeds: .......OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          Repair track: .........<not yet tested>
```

```
          Tested by: ............<unknown>
```

1.38 Compatibility.guide/CDR_TST_PHILIPSCDD2600

```
Test of MakeCD driver 'PhilipsCDD2600'
......................................

Using drive 'HP CD-Writer 6020 V1.07 (10/21/96)':
          Table of Contents: ....OK, but wrong sessions (firmware bug)
          Test mode: ............OK
          Read data track: ......OK
          Read audio track: .....OK
          Write data track: .....OK
          Write audio track: ....OK
          Writing speeds: .......OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          Repair track: .........<not yet tested>
          Tested by: ............Holger Kruse <kruse@nordicglobal.com>

Using drive 'HP CD-Writer 6020 1.07 (10/21/96)':
          Table of Contents: ....OK, but wrong sessions (firmware bug)
          Test mode: ............OK
          Read data track: ......OK
          Read audio track: .....OK
          Write data track: .....OK
          Write audio track: ....OK
          Writing speeds: .......OK
          Fix session: ..........OK
          Fix CD-R: .............<not yet tested>
          Repair track: .........<not yet tested>
          Tested by: ............Paul Kerwin <pkerwin@thenet.co.uk>
```

1.39 Compatibility.guide/CDR_TST_PLEXTOR

```
Test of MakeCD driver 'Plextor'
...............................

Using drive 'Plextor CD-R PX-R24CS V1.50'
          Table of Contents: ....OK
          Test mode: ............OK
          Read data track: ......OK
          Read audio track: .....OK
          Write data track: .....OK
          Write audio track: ....OK
          Writing speeds: .......OK
          Fix session: ..........OK, but requires MakeCD 2.0 or higher.
          Fix CD-R: .............OK, but requires MakeCD 2.0 or higher.
          Repair track: .........<not supported by CD writer>
          Tested by: ............Angela Schmidt
```

```
Using drive 'RICOH RO-1420C 1.62 (19961031)':
          Table of Contents: ....OK
          Test mode: ............OK
          Read data track: ......OK
          Read audio track: .....OK
          Write data track: .....OK
          Write audio track: ....OK
          Writing speeds: .......OK
          Fix session: ..........OK
          Fix CD-R: .............<not yet tested>
          Repair track: .........<not supported by CD writer>
          Tested by: ............Rudi Brand <brand@let.dnet.basf-ag.de>

Using drive 'Ricoh RO-1420C ver. 1.62 199610319':
          Table of Contents: ....<not completely tested>
          Test mode: ............OK
          Read data track: ......OK
          Read audio track: .....OK
          Write data track: .....OK
          Write audio track: ....OK
          Writing speeds: .......OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          Repair track: .........<not supported by CD writer>
          Tested by: ............Torsten Buecheler <mac@cs.uni-sb.de>
```

1.40 Compatibility.guide/CDR_TST_SONY

```
Test of MakeCD driver 'Sony'
............................

Using drive 'SONY CD-R  CDU926S 1.0a ( Jan23)'
          Table of Contents: ....OK
          Test mode: ............OK (can't fix session or disk in test mode)
          Read data track: ......OK
          Read audio track: .....OK
          Write data track: .....OK
          Write audio track: ....OK
          Writing speeds: .......OK
          Fix session: ..........OK (not possible in test mode)
          Fix CD-R: .............OK (not possible in test mode)
          Repair track: .........OK
          Tested by: ............Patrick Ohly <patrick.ohly@stud.uni-karlsruhe.de>

     Note on the repair test:
          The CD-R was trashed by a CDR521, reported as 'not writeable'
          in a Yamaha CDR100 and not recognized at all by a Philips
          CDD2000. With the Sony the target CD-R window showed one
          track covering the whole disc and told that "writing was
          interrupted". After repairing the track was reduced to its
          real size and the CD-R was writeable again. The track could
          be read, but not in the CDD2000, which recognized the CD-R
          only once.
```

```
          With the Sony another track could be written and fixation was
          succesful. Now the CD-R is always recognized by the CDD2000,
          too.
```

1.41 Compatibility.guide/CDR_TST_YAMAHA

```
Test of MakeCD driver 'Yamaha'
..............................

Using drive 'Yamaha CDR100 1.12 (06/17/96)':
          Table of Contents: ....OK
          Test mode: ............OK
          Read data track: ......OK
          Read audio track: .....OK (drive supports single and double speed only)
          Write data track: .....OK
          Write audio track: ....OK
          Writing speeds: .......OK
          Fix session: ..........OK
          Fix CD-R: .............OK
          Repair track: .........<not supported by CD writer>
          Tested by: ............Angela Schmidt
```

1.42 Compatibility.guide/CCDRM

```
CD-ROM drives
=============

The following section lists all CD-ROM drives that have been tested with
MakeCD. Please note, that sometimes a CD-ROM drive is not compatible
with a specific Amiga SCSI system. In this case, you might have
problems with that CD-ROM drive.

Using MakeCD driver "AtapiCD":
    Using drive 'MATSHITA CD-ROM CD-581 1.07 (xx592110)':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: ............Hans de Groot <hansg@3wis.nl>

Using MakeCD driver "CDROM" (no CDDA reading):
    Using drive 'SANYO CRD-400I 1.41 ()':
               Table of Contents: ....OK
               Read data track: ......OK (double speed)
               Read audio track: .....<not supported by this MakeCD driver>
               Tested by: ............Frank Zuendorff <f.zuendorff@ernie.mi.uni- ↩
                  koeln.de>

Using MakeCD driver "NecCD":
     <list is still empty>
```

```
Using MakeCD driver "PlextorCD":
    Using drive 'PLEXTOR CD-ROM PX-8XCS (12/12/96)'
               Table of Contents: ....OK
               Read data track: ......OK (eightfold speed)
               Read audio track: .....OK (changable from 1x to 8x speed)
               Tested by: .............Frank Zuendorff <f.zuendorff@ernie.mi.uni- ↩
                  koeln.de>

Using MakeCD driver "SonyCD":
    Using drive 'SONY CD-ROM CDU-55S 1.0t ()'
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: .............Paul Kerwin <pkerwin@thenet.co.uk>

    Using drive 'PIONEER CD-ROM DR-124X 1.06 (28/11/1995)':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: .............Felix Winter <Animalo@WEL.domino.de>

Using MakeCD driver "ToshibaCD":
    Using drive 'TOSHIBA CD-ROM XM-4101TA 2483 (09/05/93)':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK (drive supports single speed only)
               Tested by: .............Angela Schmidt

    Using drive 'TOSHIBA CD-ROM XM-3501TA 1875':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK (drive supports single speed only)
               Tested by: .............Matthias Egerland <Matthias.Egerland@post. ↩
                  rwth-aachen.de>

    Using drive 'Toshiba CD-ROM XM-5301TA 0925 (04/02/95)':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: .............Rudi Brand <brand@let.dnet.basf-ag.de>

    Using drive 'TOSHIBA CD-ROM XM-3601TA V0265 (01/26/95)':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK
               Tested by: .............Holger Kruse <kruse@nordicglobal.com>

    Using drive 'TOSHIBA CD-ROM XM-3601TA 0175 (01/17/95),5':
               Table of Contents: ....OK
               Read data track: ......OK
               Read audio track: .....OK (single speed only)
               Tested by: .............Martin Sprenger <smart-e@chillout.org>

    Using drive 'TOSHIBA CD-ROM XM-3501TA V1875 (07/06/95)'
               Table of Contents: ....OK
               Read data track: ......OK (quad-speed)
```

```
            Read audio track: .....OK (drive supports single speed only)
            Tested by: ............Frank Zuendorff <f.zuendorff@ernie.mi.uni- ↩
               koeln.de>

    Using drive 'Toshiba CD-ROM XM-3501TA 2694 (09/26/94),5'
            Table of Contents: ....OK
            Read data track: ......OK
            Read audio track: .....<Hardware Positioning Error>
            Tested by: ............Matthias Egerland <Matthias.Egerland@post. ↩
               rwth-aachen.de>

    Using drive 'TOSHIBA CD-ROM XM-3401TA 3593 (12/25/93)'
            Table of Contents: ....OK
            Read data track: ......OK
            Read audio track: .....OK
            Tested by: ............Heiko Weiss <heiko.weiss@rhoen.de>

    Using drive 'Toshiba CD-ROM XM-3701TA 0236 (01/23/96)'
            Table of Contents: ....OK
            Read data track: ......OK (6.7x speed)
            Read audio track: .....OK (single speed only)
            Important note: .......Older firmware (e.g. 3055 (12/25/95)) does
                                   not allow proper CDDA reading. Try the
                                   Toshiba BBS (Germany) +49 2131/158123
                                   'tosh-up.zip' or contact me.
            Tested by: ............Sven Hansen <hanss000@mail.uni-mainz.de>
```

1.43 Compatibility.guide/CCDRS

```
Experiences with CD-Rs
======================

During our tests and during writing MakeCD, we had a lot of different
CD-Rs of a lot of different companies to burn. Some CD-Rs cause problems
with some CD-ROM drives (e.g. with Toshiba). Others don't cause these
problems. We tested CD-Rs of different companies with the Toshiba 4101,
which is known to have a lot of problems with some CD-Rs. Here are our
experiences and the experiences of other users with other CD-ROM drives.

Since obviously, test results also depend on the CD recorder which you
have used and on the recording speed, we have noted these attributes,
too.

Please note that you should use a CD-R only with the speed which it is
made for. Don't use CD-Rs which are made for 4x speed for single speed,
or you run into danger of producing coasters because the laser stays too
long at the same place and the "hole" it burns into the CD-R gets too
big. And don't use CD-Rs which are made for single speed with 4x speed,
because the laser might not have enough time to burn the data into CD-R
because it rotates too fast. So the hole would get too small.

We list the name of the CD-R as complete as possible. Usually, the line
below starts with "x/y". "y" tells you, how many CD-Rs of this company
we have tested. "x" tells you, how many of these CD-Rs fit into the
```

```
corresponding class.

We created four classes:

very good
     No read errors at all.

good
     Not more than 1 read error in 100 MB. Read error must not be
     reproducable after retrying.

acceptable
     Some read errors, but after a retry, the usually disapper, so you
     can use the CD, although it is nasty.

bad
     A lot of read errors, which often even do not disappear after a
     retry.  The CD-R is quite unusable in the CD-ROM drive.

Please note, that a CD-R, that is classified as "bad" here, may work
very good on a different systems. That's why we list the CD-ROM drive,
CD writer and writing speed which we have used for our tests. If you
have made different experiences, email us!

Of course, we can not guarantee that CD-Rs, that are listed as "good" or
"very good" are good for your system, too!

If you want to submit your experiences, please create some similar
entries and mail them to 'makecd@ira.uka.de'.

altima CD-R74/74min
     2/6 good
     4/6 very good
          Color.............: Green
          CD Recorder.......: Plextor CD-R PX-R24CS and Yamaha CDR 100
          Recording speed...: 2x
          CD-ROM drive......: Toshiba 4101
          Tested by.........: Angela Schmidt

BASF CD-R 74 Extra
boeder CD-R74 multispeed
          Comments..........: Shall be compatible with CD-ROM drives 1x to 8x

CIS Taiwan, 74min
     3/3 very very bad
          Color.............: Green
          CD Recorder.......: Yamaha CDR-102
          Recording speed...: 1x
          CD-ROM drive......: Toshiba XM-3701
          Tested by.........: Sven Hansen

DynaTec DCD - P74
Fujifilm CD Recordable 74 Min
     3/3 very good
          Color.............: Green
          CD Recorder.......: Yamaha CDR 100
          Recording speed...: 2x
```

```
          CD-ROM drive......: Toshiba 4101
          Tested by.........: Angela Schmidt

Fujifilm CD Recordable, 74min
     1/1 good
          Color.............: Green
          CD Recorder.......: Yamaha CDR-102
          Recording speed...: 1x
          CD-ROM drive......: Toshiba XM-3701
          Tested by.........: Sven Hansen

Fujifilm CD Recordable, 74min
     1/1 very good
          Color.............: Golden
          CD Recorder.......: Yamaha CDR-102
          Recording speed...: 1x and 2x
          CD-ROM drive......: Toshiba XM-3701
          Tested by.........: Sven Hansen

Fujifilm CD Recordable For Professional Use 74 Min
     1/1 very good
          Color.............: Green
          CD Recorder.......: <unknown>
          Recording speed...: <unknown>
          CD-ROM drive......: Toshiba 4101
          Tested by.........: Angela Schmidt

HP SureStore CD-R C4423
     1/1 very good
          Color.............: <unknown>
          CD Recorder.......: HP 6020i
          Recording speed...: <unknown>
          CD-ROM drive......: SONY CDU-55S, Hi-Fi CD player
          Tested by.........: Paul Kerwin

IMATION 3M CD-R 650 MB
          Comments..........: Supports 4x speed, hard coated

KAO CD-R 74 30002
     10/10 very good
          Color.............: Green
          CD Recorder.......: Philips CDD 521
          Recording speed...: 2x
          CD-ROM drive......: Toshiba 4101
          Tested by.........: Angela Schmidt

KAO CD-R 74 40002
     1/1 bad
          Color.............: Golden (shines a little bit green)
          CD Recorder.......: Philips CDD 521
          Recording speed...: 2x
          CD-ROM drive......: Toshiba 4101
          Tested by.........: Angela Schmidt

Kao CD Recordable #40002, 74 min
     1/1 very good
          Color.............: Golden
```

```
          CD Recorder.......: Yamaha CDR-102
          Recording speed...: 1x
          CD-ROM drive......: Toshiba XM-3701
          Tested by.........: Sven Hansen

KAO CD-R74N-PR
     1/1 very good
          Color.............: Green
          CD Recorder.......: Philips CDD 521
          Recording speed...: 2x
          CD-ROM drive......: Toshiba 4101
          Tested by.........: Angela Schmidt

Maxell
     Note: Many people say Maxell CD-Rs are bad ones.

Maxell CD-R74H
     1/1 very good
          Color.............: <unknown>
          CD Recorder.......: HP 6020i
          Recording speed...: <unknown>
          CD-ROM drive......: SONY CDU-55S, Hi-Fi CD player
          Tested by.........: Paul Kerwin

Maxell CD-R74H
     ?/? bad/good
          Color.............: <unknown>
          CD Recorder.......: Philips CDD2600
          Recording speed...: <unknown>
          CD-ROM drive......: Plextor PX-43CE (bad) and Toshiba 3401B (good)
          Tested by.........: Henning Sauer

Maxell CD-R 74 XL
Noname
     6/19 very bad
     9/19 bad
     4/19 acceptable
          Color.............: Most of them green, some green/gold or gold
          CD Recorder.......: Philips CDD 521
          Recording speed...: 2x
          CD-ROM drive......: Toshiba 4101
          Tested by.........: Angela Schmidt

Mitsui Gold IIIIII 74
          Comments..........: Shall be able to record in 1x to 6x speed.

Philips medical CD writeables
     4/10 bad
          Color.............: <unknown>
          CD Recorder.......: <unknown>
          Recording speed...: <unknown>
          CD-ROM drive......: Different IDE drives
          Tested by.........: 'Hans de Groot <hansg@3wis.nl>'

Philips Professional CD-Recordable 74 min
     1/1 bad
          Color.............: Golden (shines a little bit green)
```

```
          CD Recorder.......: Philips CDD 521
          Recording speed...: 2x
          CD-ROM drive......: Toshiba 4101
          Tested by.........: Angela Schmidt

Philips PCD-R 74
Pioneer CDM-V74
Plasmon PCD-R74-2
          Comments..........: For recording with 1x and 2x speed.

Plasmon PCD-R74-4
          Comments..........: For recording with 2x and 4x speed.

Ricoh CD-RW Type 74 (650 MB)
          Comments..........: ReWritable compact disc.

Ricoh CD-R 74R-SFH
     20/20 very good
          Color.............: Golden
          CD Recorder.......: Philips CDD2000
          Recording speed...: 1x and 2x
          CD-ROM drive......: Mitsumi FX200 & some popular PC CD-ROM drives
          Comments..........: Ricoh brand, hard coated, enough pre-labelled
                              space to write your life story 8)
          Tested by.........: Korneel Ketelslegers

Ricoh CD-R 74N-SFH
          Comments..........: No jacket, no label printing, hard coated

Ricoh CD-R 74L-SFP
          Comments..........: Custom print (requires ink-jet printers)

Ricoh CD-R 74L-SFPW
          Comments..........: Custom print, white

Sentinel CD-R 63
Sentinel CD-R 74
Smart and Friendly CDR 74
Sony CDQ-74SZA
     12/12 very good
          Color.............: <unknown>
          CD Recorder.......: Yamaha CDR100
          Recording speed...: <unknown>
          CD-ROM drive......: Toshiba 3501, Plextor 6x, Pioneer 10x
          Tested by.........: 'Matthias Egerland <Matthias.Egerland@post.rwth- ↩
              aachen.de>'

START Lab "That's CD-R74Q"
     4/4 bad
          Color.............: Green
          CD Recorder.......: Philips CDD 521
          Recording speed...: 2x
          CD-ROM drive......: Toshiba 4101
          Tested by.........: Angela Schmidt

Traxdata 74 minute-700 NB (TXW074)
          Comments..........: Shall be able to record in 1x to 6x speed
```

```
Traxdata 74 minute-700 NB (CDRW074)
          Comments..........: ReWritable media

Verbatim DataLifePlus CD-R Multi-Speed 74 Min., Reorder #91224
     2/2 very good
          Color.............: Blue
          CD Recorder.......: Yamaha CDR 100
          Recording speed...: 2x
          CD-ROM drive......: Toshiba 4101
          Tested by.........: Angela Schmidt

Yamaha CDM 12Y74
TDK, Sony, Kodak and Pioneer
          Color.............: <unknown>
          CD Recorder.......: Philips CDD 2000
          Recording speed...: <unknown>
          CD-ROM drive......: Toshiba XM3501 (no problems) and FX400 drives ( ↩
             problems)
          Tested by.........: Frank Zündorff
```

1.44 Compatibility.guide/CSYSG

```
                Systems working fine
====================

Here follows a list that lists all systems, that worked fine. Please
note, that this list has been created by a lot of different customers.
Some of them know their Amiga very well and know what they're writing -
others don't.



                A3000, Yamaha
                   A3000 + internal scsi.device + Yamaha CDR100

                A4000T, Plextor
                 A4000T + WarpEngine 40/40 + Plextor CD-R PX-R24CS

                A4000, Philips
                  A4000 + CyberSCSI + Philips CDD 2600

                A1200, Yamaha
                   A1200 + 1230scsi.device + Yamaha CDR-102

                A4000, Yamaha
                   A4000 + Cyberstorm MK-I + cybscsi.device, Yamaha CDR-100

                A2000, HP 6020
                  A2000 + Blizzard 2060 + HP SureStore 6020

                A2000, Ricoh
                    A2000 + 2060scsi.device + Ricoh RO-1420C
```

```
A1200, HP 6020
  A1200 + 1230scsi.device + HP SureStore 6020

A1200, Philips
  A1200 + squirrelscsi.device + Philips CDD 2600

A4000, Ricoh
    A4000 + scsi.device/cybscsi.devices + Ricoh RO-1420C

A1200, Philips
  A1200 + dkbscsi.device + Philips CDD 2000
```

1.45 Compatibility.guide/CSG01

```
A3000 + internal scsi.device + Yamaha CDR100
--------------------------------------------

Computer:
     Amiga 3000, OS 3.1

Hostadapter:
     Internal, scsi.device V40.12 (21.12.93)

CD writer:
     Yamaha CDR100 1.12 (06/17/96)

Other devices at the same SCSI bus:
     QUANTUM PD210S 501C, IBM DORS-32160 WA0A

System works fine.

I can write big image files from the IBM hard disk to CD-R in 4x speed.
I used to have trouble, but then I found out that my hard disk has been
prepped with the wrong mask value. After changing it to 0xfffffffc, I
can write in 4x speed without any trouble.

A made another test on a different A3000 (scsi.device 40.20 (18.02.94),
QUANTUM EMPIRE_1080S 1100 (QS940131), TOSHIBA CD-ROM XM-4101TA 2483
(09/05/93)), and everything worked fine, too.

Tested by Angela Schmidt.
```

1.46 Compatibility.guide/CSG02

```
A4000T + WarpEngine 40/40 + Plextor CD-R PX-R24CS
-------------------------------------------------

Computer:
     Amiga 4000T, WarpEngine 40/40
```

```
CD writer:
     Plextor CD-R PX-R24CSi V1.50

This system worked without any problems in several different
configurations.

Tested by Angela Schmidt & Heinz Wrobel.
```

1.47 Compatibility.guide/CSG03

```
A4000 + CyberSCSI + Philips CDD 2600
------------------------------------

Computer:
     Amiga 4000, Cyberstorm MK II 060/50

SCSI device:
     CyberSCSI V8.4

CD writer:
     Philips CDD 2600 V1.07 (21-Oct-96)

CD-ROM drive:
     Toshiba XM-3601TA (ROM version 0175, 17.01.95)

The whole system works fine.

Tested by 'Christian Berger <chb@worldpower.owl.de>'.
```

1.48 Compatibility.guide/CSG04

```
A1200 + 1230scsi.device + Yamaha CDR-102
----------------------------------------

MakeCD version:
     MakeCD 2.2

Computer:
     Amiga 1200, OS 3.0, Blizzard 1240 (68040)

SCSI device:
     1230scsi.device 8.5 (using SoftSCSI)

CD writer:
     Yamaha CDR-102 V1.01 (12/25/95)

CD-ROM drive:
     Toshiba CD-ROM XM-3701TA 0236 (01/23/96)
```

```
Other devices at the same SCSI bus:
     CD-ROM, DEC DSP3053LS X442000044087 hard disk

No SCSI problems. Reselection enabled for all devices, the hard disk
used synchron mode. An EIDE hard disk (WDC 2.1gig) was also in use.

Tests performed:

   · Audio tracks were read at single speed from both the Toshiba and
     the Yamaha and saved to the EIDE drive. Then an Audio CDR was
     written flawlessly using single speed again.

   · An image file was written (1x) to the CDR successfully.

   · Audio tracks were saved on EIDE hard disk and later written to CDR
     at double speed followed by audio tracks copied (1x) from CD-ROM to
     CD-Writer. The second session was written on-the-fly from the SCSI
     hard disk at double speed. It included a 300meg file. Perfect.

   · MakeCD and a CD-player played the Audio tracks of a fixed session
     although the CDR itself wasn't fixed.

Three coasters produced due to low quality CDRs. The buffer size used
for all these tests was 8 MB. While writing a CDR the buffer capacity
never dropped below 90% for direct writing, 99% when using an image
file. Even old CD-players play Audio-CDRs perfectly.

Tested by 'Sven Hansen <hanss000@mail.uni-mainz.de>'.
```

1.49 Compatibility.guide/CSG05

```
A4000 + Cyberstorm MK-I + cybscsi.device + Yamaha CDR-100
---------------------------------------------------------

Computer:
     A4000, OS 3.1, Cyberstorm MK-I 060/50

SCSI device:
     cybscsi.device V8.1

CD writer:
     Yamaha CDR100

CD-ROM drive:
     Toshiba CD-ROM XM3501TA

Other devices at the same SCSI bus:
     Seagate harddisk ST15150N, Quantum harddisk Lightning 730S, Epson
     scanner GT-8500, SyQuest removable harddisk SQ3270S, Toshiba
     CD-ROM XM3501TA, Hewlett Packard DAT-streamer HP35480A

System works fine.

Tested by 'Matthias Egerland <Matthias.Egerland@post.rwth-aachen.de>'.
```

1.50 Compatibility.guide/CSG06

```
A2000 + Blizzard 2060 + HP SureStore 6020
-----------------------------------------

MakeCD version:
     MakeCD 2.0

Computer:
     A2000, Blizzard 2060, OS 3.1

SCSI device:
     2060scsi.device 7.25
     CD-ROM and CD-Writer: asynchronous, reselection

CD writer:
     HP CD-Writer 6020 V1.07 (10/21/96)

CD-ROM drive:
     TOSHIBA CD-ROM XM-3601TA V0265 (01/26/95)

Other devices at the same SCSI bus:
     QUANTUM LPS540S, Quantum XP32150, HP HP35470A, IOMEGA ZIP 100,
     TOSHIBA CD-ROM XM-3601TA

System works fine. No SCSI hangups at all. 3 CD-Rs written, all
successful.

Tested by 'Holger Kruse <kruse@nordicglobal.com>'.
```

1.51 Compatibility.guide/CSG07

```
A2000 + 2060scsi.device + Ricoh RO-1420C
----------------------------------------

MakeCD version:
     MakeCD 2.0

Computer:
     A2000, 2060SCSI.DEVIVE V8.1, OS 3.1

SCSI device:
     2060scsi.device   V8.1
     Hard disk:        RESELECTION, SYNCHRON
     CD-ROM drive:     NO RESELECTION, ASYNCHRON
     CD writer:        NO RESELECTION, ASYNCHRON

CD writer:
     RICOH RO-1420C 1.62 (19961031)
```

```
CD-ROM drive:
     Toshiba CD-ROM XM-5301TA 0925 (04/02/95)

Other devices at the same SCSI bus:
          1GB hard disk, DEC     Unit 0 DSP3107LS 441C000042686
          CD-ROM drive, Toshiba  Unit 2 XM5301TA092504|02|95
          DAT streamer, IBM      Unit 3 IBM4326NP/RP !D4.BK
          CD writer, Ricoh       Unit 4 RO1420C 1.62199610319
          Scanner, HP (2CX)      Unit 5 C2500A 3332

System works fine. No SCSI hangups. 20 CD-Rs written, all successful.
No changed had to be made to the system in order to make it work.

Tested by 'Rudi Brand <brand@let.dnet.basf-ag.de>'.
```

1.52 Compatibility.guide/CSG08

```
A1200 + 1230scsi.device + HP SureStore 6020
-------------------------------------------

MakeCD version:
     MakeCD 2.0

Computer:
     Amiga 1200, OS 3.1, Blizzard 1260 (68060)

SCSI device:
     1230scsi.device 7.19 and 8.3

CD writer:
     HP CD-Writer 6020 1.07 (10/21/96)

CD-ROM drive:
     SONY CD-ROM CDU-55S 1.0t

Other devices at the same SCSI bus:
     QUANTUM FIREBALL1280S 630C

System works fine. No SCSI hangups. 2 CD-Rs written, all successful.

Although I did get a hangup when reading from the CD-ROM and writing the
ISO image to a file on the Quantum (SCSI) hard drive. This is a common
problem with the 1230scsi.device, using version 8.1 or higher fixes this
problem (I use SoftSCSI to patch the Blizzard ROM to version 8.3 in
these cases).

Tests performed:

   · Write an audio track direct from CD to CD-R at 2x speed. This
     failed in test mode, possibly because the CD-ROM and CD-Writer are
     on the same SCSI controller or because of the problems with the
     1230scsi.device.  The CD-ROM is capable of delivering CDDA data at
     2x speed but I still got a buffer underrun.
```

- Write an audio track direct from CD to CD-R at 1x speed. This worked in test mode but I cannot test it for real because all my remaining blank CD-Rs are for high speed recording, they will not work at 1x speed.

- Write an audio track from CD to CD-R at 2x speed using an image file. This works perfectly.

- Write a data track at 2x speed from a filesystem directly to CD-R. Works perfectly.

- Write a data track at 2x speed from a filesystem using an image file. Works perfectly, even if the image is on a hard drive on the same SCSI controller as the CD-Writer.

The buffer size used for all these tests was 8 MB. While writing a CD-R the buffer capacity never dropped below 98% for direct writing, 99% when using an image file.

Tested by 'pkerwin@thenet.co.uk (Paul Kerwin)'.

1.53 Compatibility.guide/CSG09

```
A1200 + squirrelscsi.device + Philips CDD 2600
----------------------------------------------

MakeCD version:
     MakeCD 2.0

Computer:
     Amiga 1200, OS 3.1

SCSI device:
     squirrelscsi.device V37.775 (23.08.1995)

CD writer:
     PHILIPS CDD2600 V1.07 21/10/1996

CD-ROM drive:
     PIONEER CD-ROM DR-124X V1.06 28/11/1995

Other devices at the same SCSI bus:
     Only CD-ROM drive and CD writer

System works fine. No SCSI hangups. 4 CD-Rs written, all successful.

Tested by 'Felix Winter <Animalo@WEL.domino.de>'.
```

1.54 Compatibility.guide/CSG10

```
A4000 + scsi.device/cybscsi.devices + Ricoh RO-1420C
----------------------------------------------------

MakeCD version:
     MakeCD 2.1

Computer:
     Amiga 4000, OS 3.0

SCSI device:
    cybscsi.device 8.2 (beta)
              · Unit 1 FIREBALL 1080 S ver. 1Q0906/05/953 (Quantum HD)
                synchron, reselection on, FWC mode on, no removable

              · Unit 2 RICOH RO-1420C ver. 1.62 199610319 (CD writer)
                asynchron, reselection on, FWC mode off, removable

              · Unit 5 Syquest SQ3105S  ver. 2_04 (SyQuest 105)
                asynchron, reselection on, FWC mode off, removable

    scsi.device 37.64 (13.08.92)
              · Unit 0 Seagate ST5080A  ver. 14.1 (Seagate HD)
                reselection on

              · Unit 1 QUANTUM FIREBALL_TM3840A ver. A6B. (Quantum HD)
                reselection on; this hard disk is the one that is used
                for image files etc.

CD writer:
     Rocoh RO-1420C ver. 1.62 199610319

Other devices at the same SCSI bus:
     Only CD-ROM drive and CD writer

System works fine. 17 CD-Rs written, 15 successfull. The two coasters
might be caused by the Garshne Blanker.

Tested by 'Torsten Buecheler <mac@cs.uni-sb.de>'.
```

1.55 Compatibility.guide/CSG11

```
A1200 + dkbscsi.device + Philips CDD 2000
-----------------------------------------

MakeCD version:
     MakeCD 2.2

Computer:
        · Amiga 1200, OS 3.1, 2Mb Chip 16Mb Fast, VBR in Fast RAM

        · 5 Zorro II Slots by Micronik

        · M1230 XA accelerator by Microbotics
```

```
          -> 68030 processor (CPU) at 50MHz with MMU
          -> 68882 coprocessor (FPU) at 50MHz
          -> one HYUNDAI SIMM of 16Mb single sided, 60ns with parity
          chip

        · Toccata 16bit soundcard by MacroSystem

        · DKB RapidFire SCSI-II controller

        · Conner Peripherals 1.2 gig AT/IDE HD
          -> MaxTransfer = 0x1ffe0

SCSI device:
     dkbscsi.device

CD writer:
     PHILIPS CDD2000 V1.20 -> MANUFACTURED MARCH 1996

CD-ROM drive:
     MITSUMI FX200 V?.?? -> MANUFACTURED MAY 1995 FOR IBM N.Y.
     (This is an atapi drive - I use it with atapi.device)

Other devices at the same SCSI bus:
     IOMEGA Z100i ZIPDRIVE INSIDER SCSI-II MODEL

System works fine. No SCSI hangups. +20 CD-Rs written, some trashed due
to wrong settings, all the rest were successful.

The same CD writer was also tested on an A4000 with a GVP SCSI-II
controller (V2.?? an old one!). We could only write at single speed. But
with a ROM update for the controller it should work.

Tested by Korneel Keterlslegers.
EMail via: crisp@unical.be - Subject: KORNEEL KETELSLEGERS
```

1.56 Compatibility.guide/CSYSB

```
                Systems causing problems
========================

If you tried everything to get your system to work with MakeCD, but if
you were still unsuccessful, mail us, too. Beside the information which
you are supposed to mail is when you are successful (see above), mail an
exact description, which kind of error occurs.



                WD-Chip, Plextor
                  SCSI using WD chip + Plextor CD-R PX-R24CS

                Grundig CDR 100
                   Grundig CDR 100 IPW V1.20

                Fastlane, Philips
```

```
 A4000 + Fastlane + Philips CDD 2600

A3000, Philips
    A3000 + Philips CDD 2600

Fastlane, HP 4020
 A4000/40 + Fastlane + HP SureStore 4020

Fastlane, Philips
 A4000/40 + Fastlane + Philips CDD 2600
```

1.57 Compatibility.guide/CSB01

```
SCSI using WD chip + Plextor CD-R PX-R24CS
------------------------------------------

Computer:
     A1000/30, A3000, probably more

Hostadapter:
     Hostadapters using WD chip

CD writer:
     Plextor CD-R PX-R24CS V1.50

The WD Chip obviously causes problems with Plextor CD-R PX-R24CS V1.50.
However, if reselection is disabled, it seems to work. But since Plextor
uses only a very small buffer, it is "dangerous" to work without
reselection (watch the buffer display). If your source drive is
connected to a 2nd SCSI hostadapter, no problems are expected, though.
Or, if you get your data from a network (we were using Envoy
2.0/Ethernet and received our data from an A4000T), you probably won't
have problems, if the network connection is fast enough. We were able
to write in double speed with Envoy/Ethernet. We tried the Plextor in
the A4000T, too - without such problems, since the A4000T is based on
the NCR Chip and not on the WD, like the A3000 or GVP boards.

When using scsi.device version 40.20 on a A3000 (with A3640), the
machine crashed when accessing the device. We could fix this by
installing a new V43 beta scsi.device.

Tested by Angela Schmidt & Heinz Wrobel.
```

1.58 Compatibility.guide/CSB02

```
Grundig CDR 100 IPW V1.20
-------------------------

Hostadapter:
```

```
     CyberSCSI + A3000 + GVP with GuruROM

CD writer:
     Grundig CDR 100 IPW V1.20

After 80 to 90 % of the writing process the error "append write error"
occurs. Philips CDD 2600 works fine on the CyberSCSI Amiga (not tested
under the other configurations). Seems to be a problem with the Grundig
CD writer.

'Note from Angela Schmidt: This write append error is a very common
hardware defekt with Philips CDD 2000, HP SureStore 4020, Grundig CDR
100 IPW and all similar drives. Read the FAQ. Most likely, you will
have to send in your drive to get it repaired. We recommend, never to
buy a Philips CDD 2000 or similar CD writer.'

Tested by 'Christian Berger <chb@worldpower.owl.de>'.
```

1.59 Compatibility.guide/CSB03

```
A4000 + Fastlane + Philips CDD 2600
-----------------------------------

Computer:
     A4000/40

Hostadapter:
     Fastlane Rev. 2.2 mit ROM 7.120

CD writer:
     Philips CDD 2600 (V1.06)

This system caused the following problems:

   · Reading  of  audio data causes data errors after 16-20 minutes and
     the drive makes noise (head positioning, change of the rotating
     speed)
     -> Philips hotline suggests to read with double speed. I could not
     test this yet, though.

   · Writing of data and audio tracks does not cause any problems, but
     it is not possible to fix the CD-R at the end. Repair mode worked
     without any problems.

   · You cannot use MCDPlayer to play an audio CD that is inserted in
     that drive.

   · Hint  of the Phase 5 hotline: switch off reselection at all
     devices.

After updating Fastlane to ROM version 8.2, the problems disappeared,
except the problem in reading audio data (after 10 - 15 minutes, there's
a lot of garbage in the data stream).
```

```
Tested by 'Bernd Drefs <Broken_Systems@websurf.pcom.de>'.
```

1.60 Compatibility.guide/CSB04

```
A3000 + Philips CDD 2600
------------------------

MakeCD version:
     MakeCD 1.3

Computer:
     A3000, OS 3.1

Hostadapter:
     A3000 internal, scsi.device versions 40.12, 40.20 and 43.11
     tested. Sync transfer on/off tested. Reselection on/off tested.

CD writer:
     Philips CDD 2600 (V1.07)

Other devices at the same SCSI bus:
     TOSHIBA CD-ROM XM-3401TA ROM FA31225 (March 1994)

SCSI hangups at every try, independant of the SCSI settings.

Tested by 'Jochen Koob <jkoob@wish.swb.de>': "Still looking for a
solution".
```

1.61 Compatibility.guide/CSB05

```
A4000/40 + Fastlane + HP SureStore 4020
---------------------------------------

MakeCD version:
     MakeCD 2.0

Computer:
     A4000/40, FastlaneZ3/CyberSCSI/Blizzard, OS 3.1

Hostadapter:
     Fastlane SCSI: z3scsi.device 5.820 (08/04/93).

CD writer:
     HP C4324/C4325 1.27 (07/22/96), reselection enabled, async, fwc
     mode off, scsidirect dma on.

Other devices at the same SCSI bus:
     QUANTUM FIREBALL 1280S 630C (12/20/95), reselection enabled,
     async, fwc mode on, scsidirect dma on.
```

```
SCSI hangups. Also executed 'z3scsidirectdma BUSTER11'.

The problem I have is that the HP just refuses to function with cd-r in
it that has already been written.

If I write a CD (on win95) and it finishes ok, and I insert it again to
add an extra session the green led starts flashing like normal and after
a while it should be on all the time (like it does when I insert a
normal or blank CD) but the led goes dark and the whole CD writer is
does no longer respond to anything I tell it. (in scsi mounter error
reading device) and in the PEECEE, the writer software does no longer
recognize it.

It used to function ok but one day it did not work as it should anymore.
Today I heard from someone at work that he had upgraded the firmware
form 1.20 to 1.27 and I will ask him to trie and re install 1.20 and
then check if it will work. If not its defective if it does the 1.27
firmware is worse that the 1.20.

Tested by 'Hans de Groot <hansg@3wis.nl>'.
```

1.62 Compatibility.guide/CSB06

```
A4000/40 + Fastlane + Philips CDD 2600
--------------------------------------

MakeCD version:
     MakeCD 2.0

Computer:
     A4000/40

Hostadapter:
     Fastlane Rev. 2.2 with ROM 5.1034

CD writer:
     Philips CDD2600 (V1.07)

CD-ROM drive:
     Toshiba CD-Rom XM 3701TA rev 0236

If reselection is on, CD writer stops writing without error message
(SCSI hangup). CD writer seems to work after switching off reselection.

Tested by 'Friedhelm Bunk <Balu@Fangorn.north.de>'.
```