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## 1 Power CD+G Burner Help Index

### Power CD+G Burner

#### Welcome to Power CD+G Burner.

Power CD+G Burner is an all-in-one solution to CD+G disc burning and ripping. It will burn BIN and CDG/MP3 songs using any MMC/DAO96 compatible CD-R drive and copy CD+G tracks to hard disc.

Burning CD+Gs has never been so easy -- now it is a matter of selecting the files you would like to burn and clicking a button. No more converting, interleaving, CUE sheets -- just click and go!

Most important features of Power CD+G Burner are:

- Burns BIN tracks
- Burns CDG/MP3 (MP3+G) files
- Allows to rip CD+G tracks to a hard disc in BIN or CDG+MP3 formats
- Copies full CD+G discs or creates compilation of individual tracks
- Converts between different karaoke formats
- Works with most modern CD-R drives (drive has to be MMC-compatible and has to support DAO/96 mode)

#### Help topics

[How to copy a CD+G disc](#)

[How to create a compilation of songs from various discs](#)

[How to burn CD+G disc from BIN or MP3+G/CDG files on your hard disc](#)

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[Power CD+G Burner main window](#)

[Burn](#)

[Rip](#)

[Copy](#)

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[Settings](#)

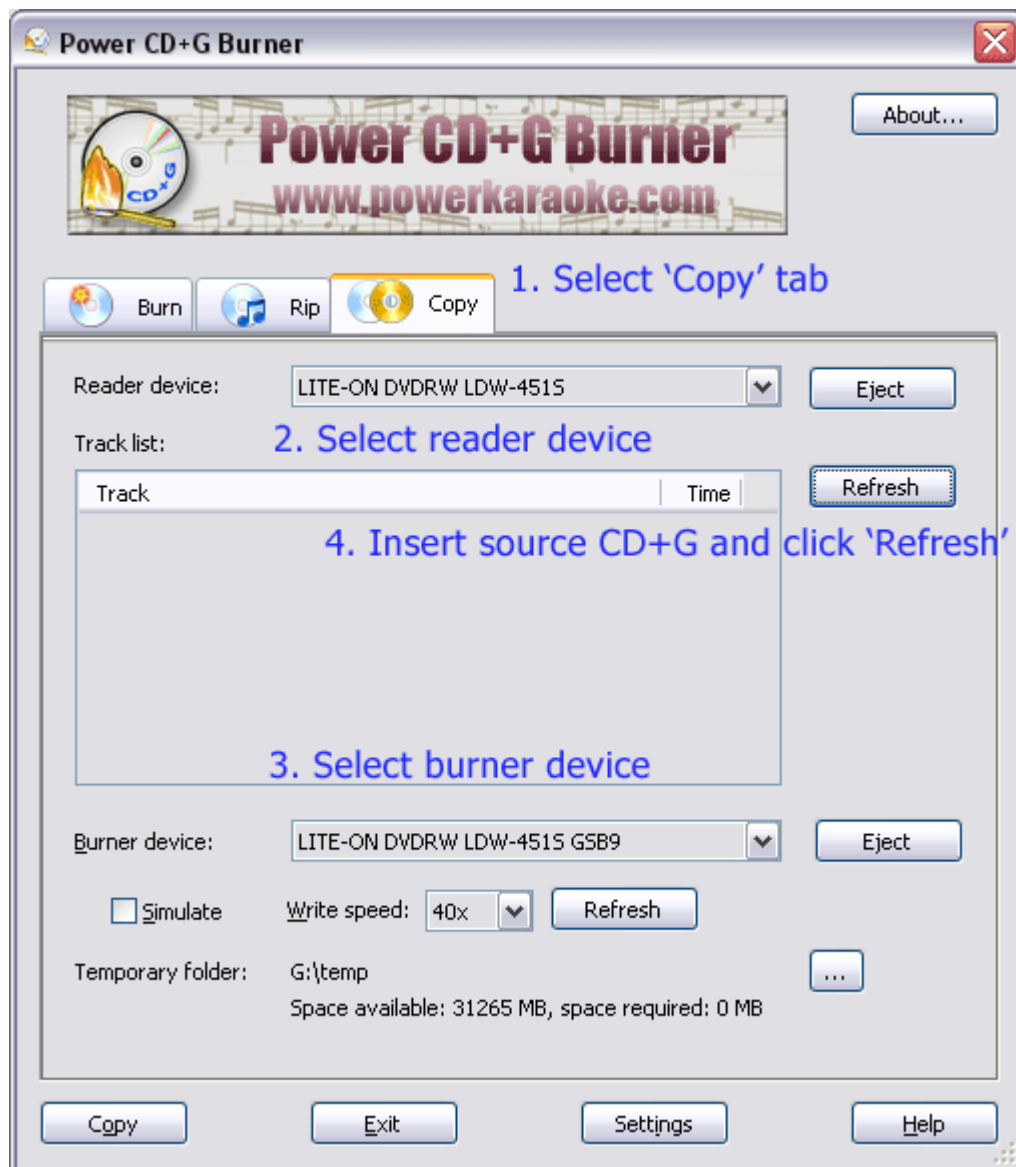
[Troubleshooting](#)

[Evaluating and registering Power CD+G Burner](#)

### 1.1 How to copy a CD+G disc

#### How to copy a CD+G disc with Power CD+G Burner

1. Select **Copy** tab
2. Select source drive in **Reader device** combo.
3. Select destination drive in **Burner device** combo (source and destination can be the same drive, you will be asked to replace source CD with a blank one)
4. Insert CD+G disc to copy and click **Refresh** button.

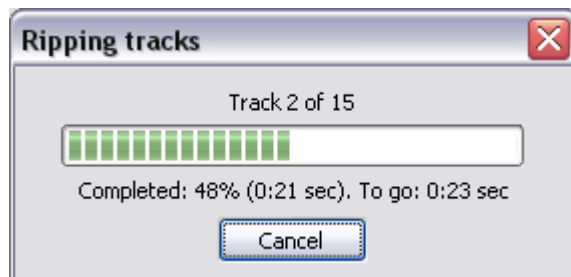


Track list should appear.

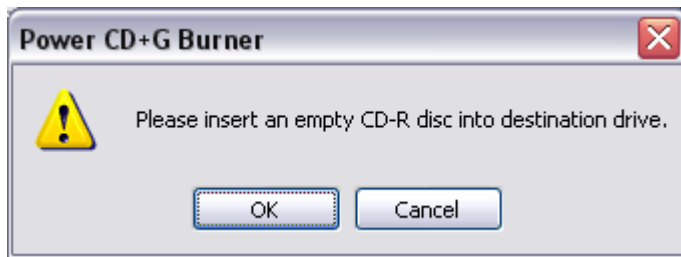
5. Make sure that there is enough disc space in temporary folder. If not, make some space or select a folder from a different drive.
6. You are ready to go -- click Copy



7. Power CD+G Burner will now read tracks from a CD+G disc. This may take a while.



8. After reading phase is complete you will be asked to insert blank CD into destination drive



9. Now Power CD+G Burner will create image file and burn a copy of CD+G disc. If burning phase is causing problems please see [Troubleshooting](#).

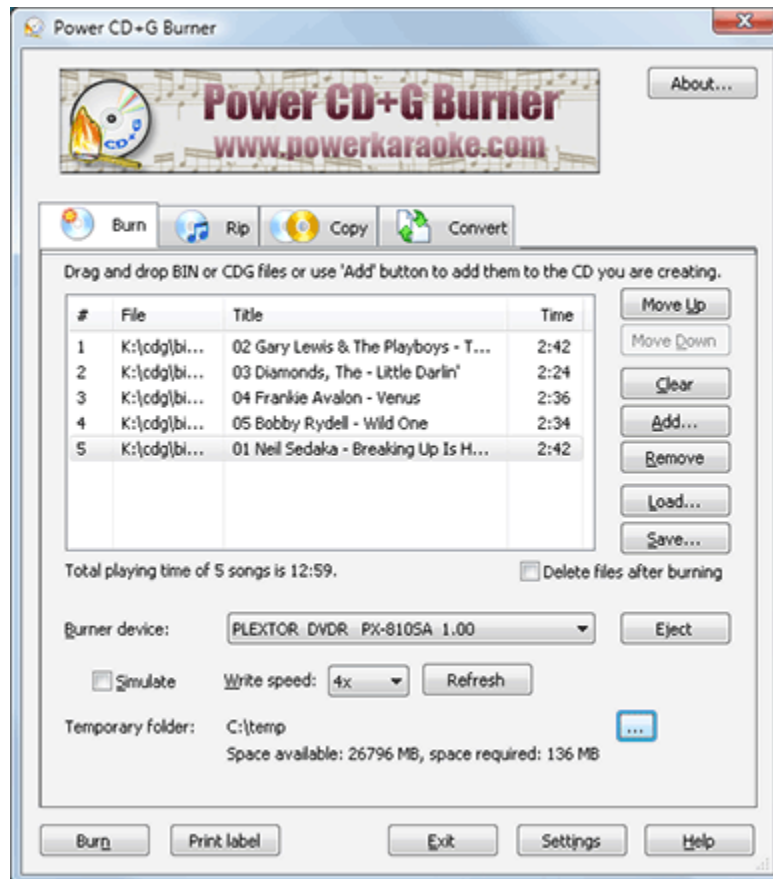
## 1.2 How to create a compilation of songs from various discs

### How to create a compilation of songs from various CD+G discs

1. Select **Rip** tab
2. Select source drive in **Reader device** combo
3. Make sure that **Add files to the burn list** option is checked
4. Select **BIN** as **Output format**.
5. Insert first CD+G disc and click **Refresh** button. Track list should appear.
6. Choose tracks you would like to put on your compilation disc by selecting them on the list
7. Click **Rip**



8. When rip process is finished you will be taken to **Burn** tab. If you would like to add more songs repeat steps from 1 to 7 for next discs



9. Now you are ready to burn your compilation disc.  
 10. Select burner device (it may be the same as reader drive)  
 11. If you do not want to use the files you have ripped in steps 1-7 after compilation is done, select **Delete files after burning**  
 12. Insert blank CD into burner drive  
 13. Click **Burn**  
 14. If burning phase is causing problems please see **Troubleshooting**.

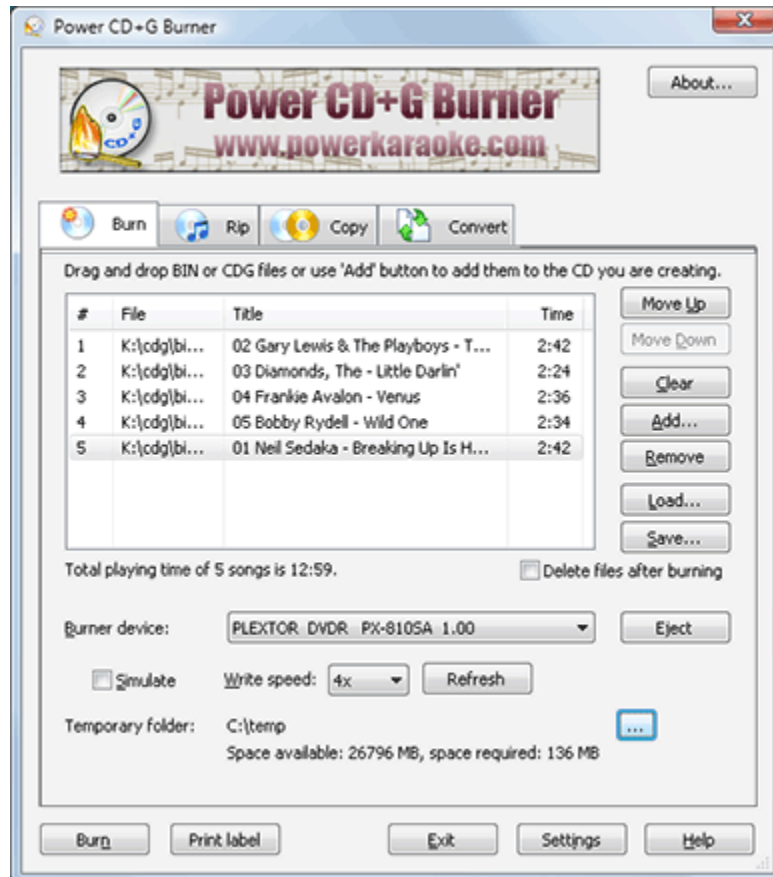
### 1.3 How to burn CD+G disc from BIN or MP3+G/CDG files on your hard disc

## How to burn CD+G disc from files on your hard disc

1. Select **Burn** tab
2. Add files you would like to burn. You may do it using one of two ways:
  - o Drag BIN or CDG files and drop them on Power CD+G Burner window
  - o Click **Add** button and select the files you would like to burn

Power CD+G Burner supports two types of files:

- o **BIN** files (they contain both graphics and audio)
- o **CDG** files, also know as **MP3+G** (CDG files contain graphics only, audio needs to be in MP3 or WAV file with the same name, located in the same directory as CDG file)



3. If you would like to change the order of the songs on the disc, select the song you would like to move and use **Move Up** and **Move Down** buttons to change its place
4. Power CD+G Burner needs temporary disc space to create image file. If there is not enough space please free some or select different drive for temporary folder location.

Now you are ready to burn your disc.

5. Select burner device
6. Insert blank CD into burner drive
7. Click **Burn**  
Burn process consists of two phases: image file creation and actual burning.

If burning phase is causing problems please see [Troubleshooting](#).

## 1.4 How to rip CD+G songs from CD+G disc to hard drive

### How to rip CD+G songs from CD+G disc to hard

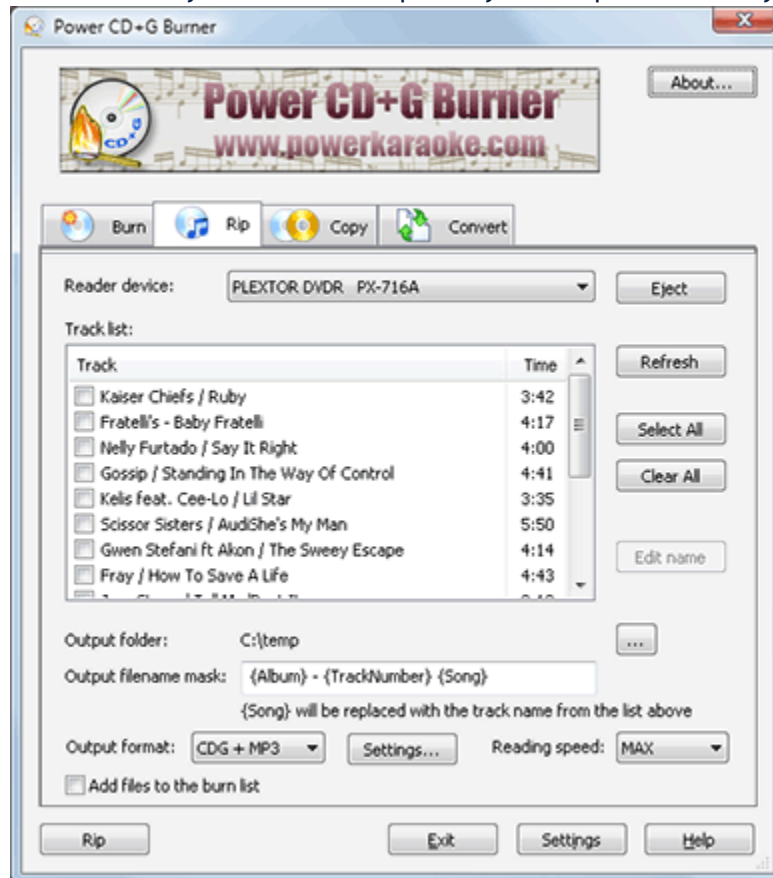
## drive

1. Select **Rip** tab
2. Select source drive in **Reader device** combo
3. Select appropriate output format. You may use:
  - o **BIN** (audio and graphics in the same file) - BIN files are largest, but are not compressed.
  - o **CDG+MP3** (graphics in CDG file, audio in MP3 file) - small file size, also known as MP3+G
  - o **CDG+WAV** (graphics in CDG file, audio in WAV file) - about the same size as BIN
  - o **ZIP** (compressed MP3+G) - smallest
4. Choose appropriate output folder. Your files will be saved there.
5. Insert CD+G disc and click **Refresh** button. Track list should appear.

Power CD+G Burner uses FreeDB online database to display song titles. Please note that to use this feature you need to be connected to the internet and you must allow Power CD+G Burner to access the web if you are using firewall.

*Note:* Not all CD+G discs are available in FreeDB database.

6. Choose tracks you would like to put on your compilation disc by selecting them on the list



7. If the CD+G disc was found in FreeDB database, you may use additional fields to define the filename in **Output filename mask**:
  - o **{Song}** will be replaced with track name, so if you define 'CD1 - {Song}' as a filename mask, files 'CD1 - Track 01.bin', 'CD1 - Track 02.bin', etc. will be created. If track name is retrieved from FreeDB server, this will be usually artist name and song title.
  - o **{Album}** will be replaced with the album name retrieved from FreeDB server.
  - o **{TrackNumber}** will be replaced with the track number (with a leading 0 for tracks 01 - 09).

- o {Artist} will be replaced with artist name (artist name has to be separated by '/' [slash] from track title)
- o {Title} will be replaced with title (title has to be separated by '/' [slash] from artist name)  
*Note:* to use {Artist} and {Title} markers each track name needs to be of the following format:  
Artist name / Song title (most FreeDB entries follow this rule)

8. Click Rip

## 1.5 Main Window

# Power CD+G Burner Window

Power CD+G Burner operates in four modes. Click below to learn more about each of the modes.

**Burn**

**Rip**

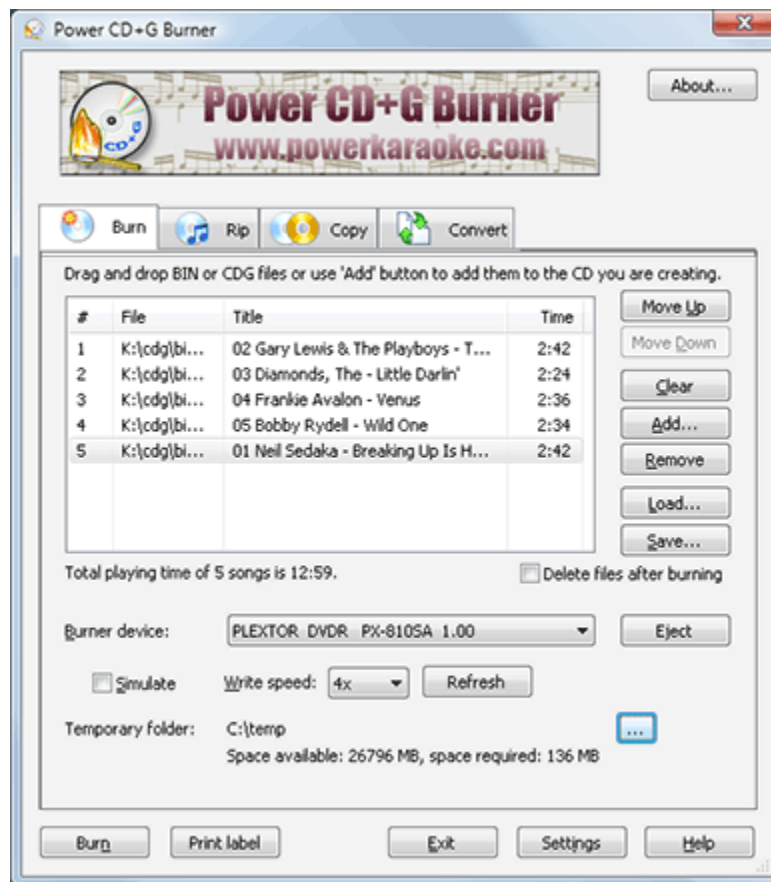
**Copy**

**Convert**

### 1.5.1 Burn

## *Burn mode*

The main window of Power CD+G Burner gives you full control over the burning process.



## File list

Use this list to arrange songs on a CD. You may add songs (CDG and BIN) by dropping them on Power CD+G Burner window or by using **Add** button. **Add** button allows you to add several files at once.

**Note:** Unregistered version of Power CD+G Burner allows only 5 tracks per CD. Full version does not have this limitation.

**Move Up** and **Move Down** buttons allow to move the track up and down the track list.

**Clear** button removes all items from the list.

**Load** and **Save** buttons allow to reuse the burn lists. If you click **Save** Power CD+G Burner will save the current list of files to burn in .cdl file. To retrieve it later use **Load** button. Please note that files need to be in the same location, otherwise they will be removed from the list.

**Delete files after burning** can be used when burning temporary files -- Power CD+G Burner will delete the files after burning.

## Burner device settings

Here you can select which burner device should be used and choose the burning speed.

We recommend burning with lowest speed possible (this is the default setting), as some CD+G players will not play properly CDs burned with higher settings.

If you insert the CD-R disc after starting Power CD+G Burner, you may need to use **Refresh** button to update available burn speeds.

**Simulate** checkbox allows to test burn process.

## Temporary folder settings

Power CD+G Burner creates intermediate image file before the CD is actually written. This file may be up to 800 MB (it depends on the total playing time of the CD), so you need to ensure that there is enough free space on the disc.

By default Windows temporary folder is used.

## Print label button

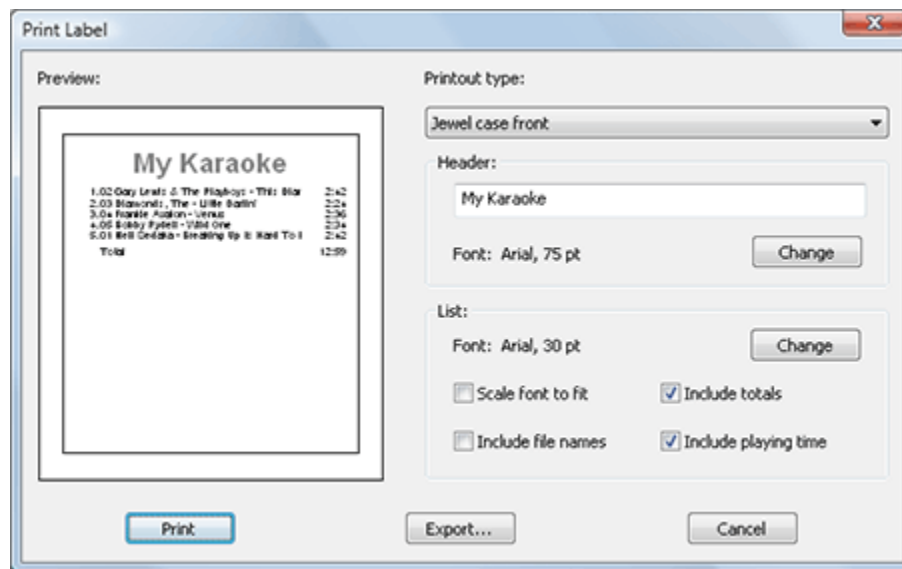
This button opens **Print Label** dialog box, that allows to print jewel case inlays for the disc.

## Burn button

Click this button to start burning process.

### 1.5.1.1 Print Label

**Print Label** dialog box allows to print jewel case inlays for the current disc.



You may select the printout type (jewel case front, jewel case back, or list).

**Header** will be displayed on the top of the song list, you may adjust the font used for the header.

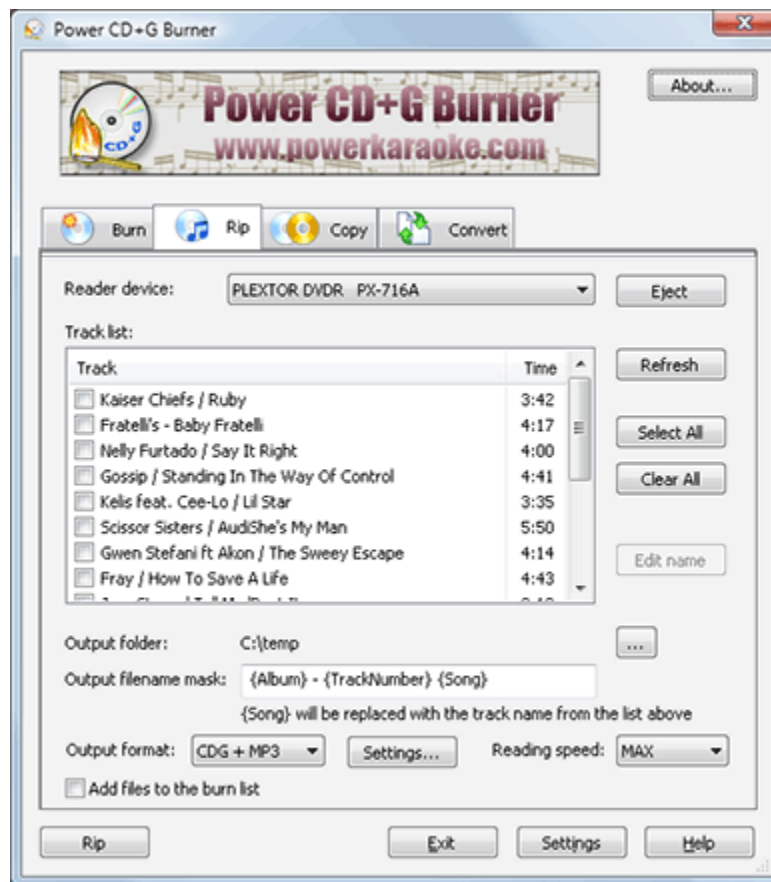
**List** section allows to select which items should be included in the printout.

**Print** button proceeds with printing.

**Export** allows to export the song list to the text file.

### 1.5.2 Rip

## *Rip mode*



## Reader device

Select one of the CD-ROM devices available on your computer.

## Track list

Use checkboxes to select tracks to save on a hard disc. Use **Refresh** button to read a new CD. Use **Select All** and **Clear All** button to control the selection.

Double-click the item or click **Edit** button to edit song title.

## Output folder

Power CD+G Burner will save CD+G tracks in this folder. Use [...] button to change the folder.

## Output filename mask

Power CD+G Burner will save tracks using the name you specify in this field.

- **{Song}** will be replaced with track name, so if you define 'CD1 - {Song}' as a filename mask, files 'CD1 - Track 01.bin', 'CD1 - Track 02.bin', etc. will be created. If track name is retrieved from FreeDB server, this will be usually artist name and song title.
- **{Album}** will be replaced with the album name retrieved from FreeDB server.
- **{TrackNumber}** will be replaced with the track number (with a leading 0 for tracks 01 - 09).
- **{Artist}** will be replaced with artist name (artist name has to be separated by '/' [slash] from track title)

- **{Title}** will be replaced with title (title has to be separated by '/' [slash] from artist name)  
**Note:** to use {Artist} and {Title} markers each track name needs to be of the following format:  
Artist name / Song title  
Most FreeDB entries follow this rule.

## Output format

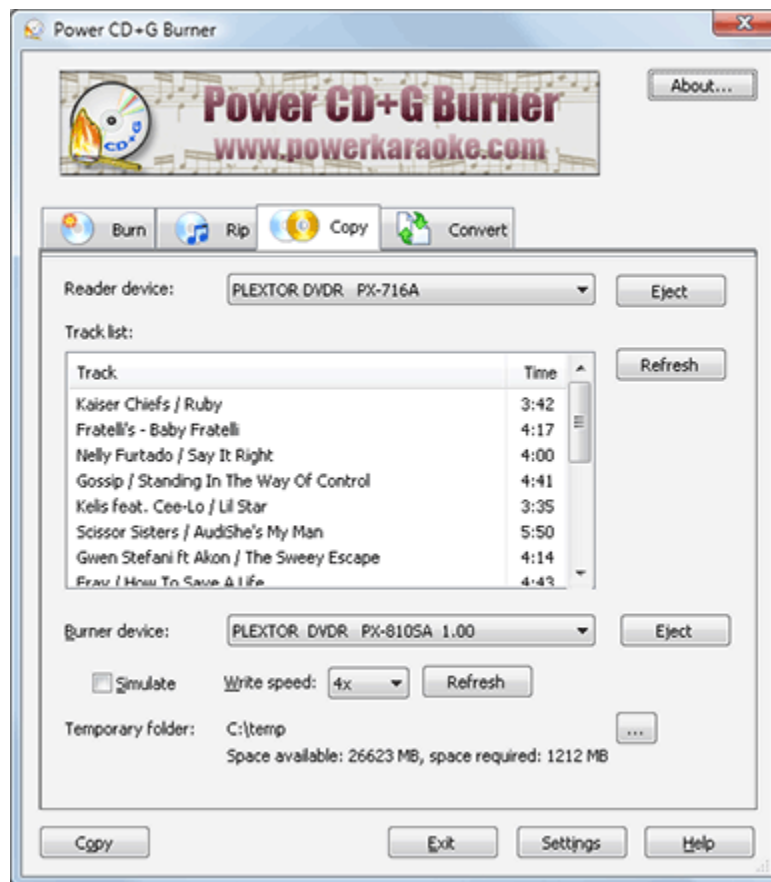
You may choose one of 3 output formats:

- **BIN** - single uncompressed file with both audio and graphics. Best for copying.
- **CDG+MP3** (also known as MP3+G) - two files (.CDG and .MP3) will be created. CDG file contains graphical information, while MP3 file contains the soundtrack. Use **Settings** button to adjust MP3 compression details.
- **CDG+WAV** - as above, only uncompressed WAV files will be used for audio.
- **ZIP** - compressed CDG+MP3

If **Add files to the burn list** is checked, Power CD+G Burner will automatically add the ripped files to the burn list (useful when making compilations).

### 1.5.3 Copy

#### *Copy mode*



## Reader device

Select one of the CD-ROM devices available on your computer.

## Track list

Power CD+G Burner will display tracks from the CD in reader drive. Use **Refresh** button to read a new CD.

## Burner device settings

Here you can select which burner device should be used and choose the burning speed.

We recommend burning with lowest speed possible (this is the default setting), as some CD+G players will not play properly CDs burned with higher settings.

If you insert the CD-R disc after starting Power CD+G Burner, you may need to use **Refresh** button to update available burn speeds.

**Simulate** checkbox allows to test burn process.

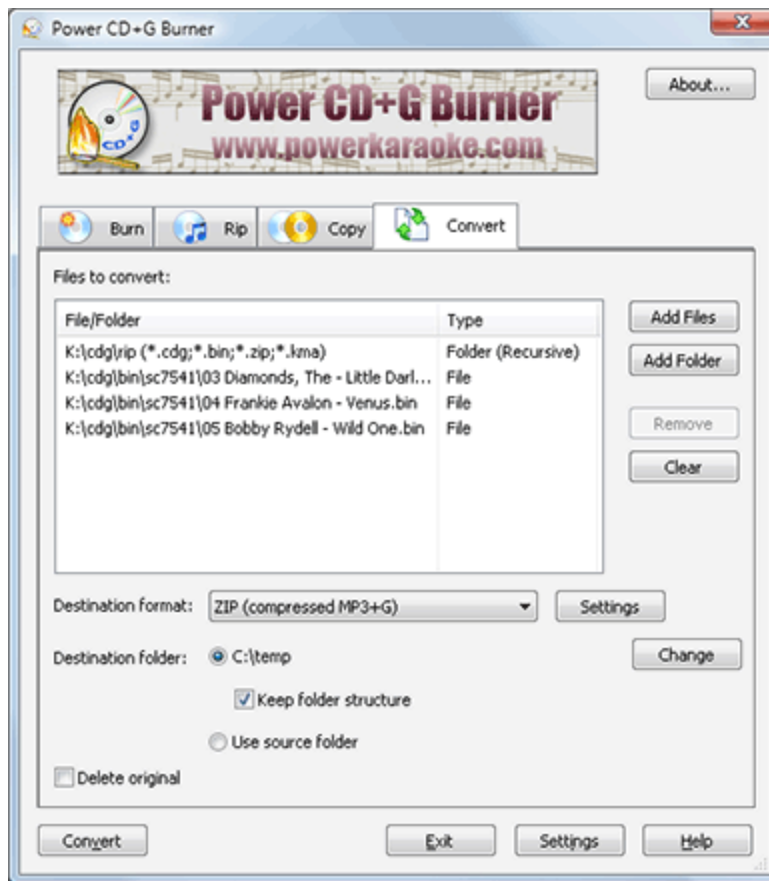
## Temporary folder settings

Power CD+G Burner creates intermediate image file before the CD is actually written. This file may be up to 800 MB (it depends on the total playing time of the CD), so you need to ensure that there is enough free space on the disc.

By default Windows' temporary folder is used.

## 1.5.4 Convert

### *Convert mode*



This mode allows to convert between various karaoke file formats.

Allowed input formats are:

- BIN
- MP3+G
- ZIP
- KMA

Power CD+G Burner automatically detects input format based on file extension.

Output formats are:

- BIN
- MP3+G
- ZIP

**Settings** button next to **Destination format** allows to define MP3 encoder settings when creating MP3

+G and ZIP files. If you are converting MP3+G to ZIP, no encoding will take place, files will be zipped only.

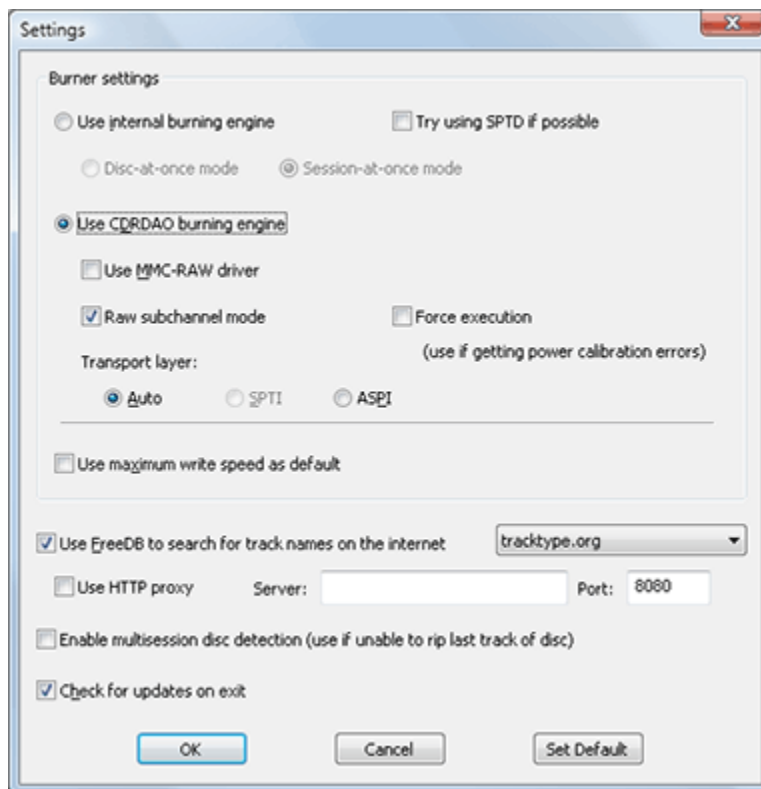
**Files to convert** list displays the list of the files that will be processed. There are three ways to populate the list:

- Add files using **Add** button: this allows to add one or more file from a single folder
- Add entire folder and subfolders with **Add Folder** button: you may select the folder, choose to include subfolders (displayed as *Recursive*), and define which file extensions should be taken into account
- Drag and drop files onto Power CD+G Burner window

Destination folder defines where will the files be written to. You may output the files to the same folder as the source files, or you may choose a different folder. Checking **Keep folder structure** will retain the folder tree when processing folders with subfolders.

**Delete original** will cause the original file to be deleted after converting has succeeded.

## 1.6 Settings



**Settings** dialog box allows to adjust how Power CD+G Burner works.

### *Burner settings*

**Use internal burning engine** enables primary burning mode. It has two operating modes, **Disc-at-once** and **Session-at-once**. Usually Power CD+G Burner automatically selects the best operating mode.

**Try using SPTD if possible** enables SPTD (SCSI Pass Through Direct) layer for device access. It should be used if you are experiencing device access problems or conflicts with other software. Please make sure that you install SPTD when installing Power CD+G Burner, otherwise this option will not be available.

**Use CDRDAO burning engine** enables alternate burning mode and may be used if internal mode is not working correctly. Settings in this section also should be set automatically by the program.

**Use maximim write speed as default** causes Power CD+G Burner to select the highest burning speed available -- this should be fine with most modern drives, but if you prefer to burn at lower speed you may check this option off.

### *FreeDB settings*

Power CD+G Burner uses FreeDB internet database to retrieve track names. You need to allow Power CD+G Burner to access the Internet (this is if you are using firewall software). If you are getting listings for some discs and others are not displayed, then probably latter are not available in FreeDB database -- it contains many discs, but not all. You may try changing the FreeDB server to Tracktype.org, maybe your disc will be listed there.

If you are in a network behind a firewall you may need to define a proxy access for FreeDB -- enable **Use HTTP proxy** and enter server name and port number.

**Enable multisession disc detection** should be enabled when ripping discs recorded in multisession mode. If you are unable to rip the last track of the disc try enabling this option.

**Check for updates on exit** will display the prompt to check for the new version of the program when closing down.

## 1.7 Troubleshooting

# Power CD+G Burner Troubleshooting

## Contents:

### General burn problems

Burning was successful but I cannot play a CD+G disc on my karaoke machine

When I play a CD+G disc on my karaoke machine I see frequent errors (missing letters or random dots)

Power CD+G Burner does not see my burner or has problems with it

ASPI is not available in my computer. Why?

My CD-R drive is not detected or it refuses to work with this program.

Track list is not displayed

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## General burn problems

If burn process failed, there are several issues that you may need to check:

- Make sure that you are using regular CD-R disc. This software does not burn DVD discs
- Try switching between disc-at-once and session-at-once burning modes
- Try switching between Internal and CDRDao burning mode

- Use different burning speed
- Use different CD-R media

## **Burning was successful but I cannot play a CD+G disc on my karaoke machine**

Please try using lower burn speed when burning CDs. Also many karaoke players are picky when it comes to playing CD-R discs, so please try using different brand of discs (we recommend using audio-dedicated CDs, ideally with silver recording surface, TDK discs are known to be among the best). Also remember that most CD+G players will not play CD-RW discs.

Also please try if the CD you burn plays on your computer from CD drive using **Siglos Karaoke Player/Recorder** (demo version is available from <http://www.powerkaraoke.com/download/siglossetup.exe> ). If the CD plays on your computer then the problem is with media you are using.

## **When I play a CD+G disc on my karaoke machine I see frequent errors (missing letters or random dots)**

Please try using lower burn speed when burning CDs and **lower rip speed when ripping the disc**. Also many karaoke players are picky when it comes to playing CD-R discs, so please try using different brand of discs (we recommend using audio-dedicated CDs, ideally with silver recording surface, TDK discs are known to be among the best).

## **Power CD+G Burner does not see my burner or has problems with it**

Power CD+G Burner has two methods of accessing CD-R devices (so called burning engines). If the default one (Internal) is not working properly try switching to CDRDao mode -- to do this click on **Settings** and then select CDRDao as a burning engine.

## **ASPI is not available in my computer. Why?**

Windows 95, 98 and ME come with a working ASPI manager but Windows NT, 2000 and XP do not have any ASPI manager at all. In rare situations, some other program may have replaced your ASPI manager even if you are using Win 95/98/ME.

Adaptec has many ASPI drivers available and they are free for anybody to download and install (you don't need to own an Adaptec SCSI card or software product). These drivers will also add support for ATAPI CDROM devices.

**Download Adaptec ASPI drivers for Windows 98 / Me / NT / 2000 / XP**

## **My CD-R drive is not detected or it refuses to work with this program.**

It is possible that your drive is not MMC-compatible (you will not see it on the list of devices then) or it does not support DAO/96 mode (burn process will fail). You may try changing **Use MMC-RAW driver** setting in **Settings** dialog box. If it still does not work, then sorry, but there is nothing that can be done.

## **The track list is not displayed.**

Power CD+G Burner uses FreeDB internet database to retrieve track names. Please make sure that you have FreeDB enabled in settings. Also you need to allow Power CD+G Burner to access the Internet (this is if you are using firewall software). If you are getting listings for some discs and others are not displayed, then probably latter are not available in FreeDB database -- it contains many discs, but not all. You may try changing the FreeDB server to [Tracktype.org](http://Tracktype.org), maybe your disc will be listed there.

## 1.8 Evaluating and registering Power CD+G Burner

# Power CD+G Burner Evaluating and Registering

### How do I unlock Power CD+G Burner?

To unlock Power CD+G Burner you need to purchase the *unlock code* from [PowerKaraoke website](http://PowerKaraoke website). The unlock code will be delivered via email. Once you have it click **Unlock** button.

If the unlock code has been accepted all limitations will be removed and you will see your name in the **About** dialog box.

### What are the limitation of the evaluation version

Unregistered version of Power CD+G Burner allows you to fully evaluate the software, but has some limitations:

- only 5 tracks per CD are permitted
- only first minute of the track will be written to CD
- in rip mode only first minute of the track will be read from CD
- 'Unregistered copy' text will be displayed at the top of the window

Unlocked version does not have these limitations.