

# BR Series Wave Converter (for Windows)

(for MICRO BR series/BR-800/BR-600/BR-900CD)

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## 1. Introduction to BR Series Wave Converter

This software converts sound data between computer sound file (WAV and AIFF files) and BR-800/600/900CD wave data formats. These computer sound files can be used in SONAR and other applications.

What's more, if your computer is equipped with a fast processor, you can use it to complete conversions even more rapidly than with the BR itself.

### Before you begin

We recommend that you make a backup as a precaution against unexpected destruction of files by the system or driver.

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## 2. System Requirements

CPU Pentium or better (Celeron, Pentium III or better are recommended)

Microsoft Windows 7/ Vista/ XP Home/ XP Professional

- While under most conditions, a computer similar to the above will permit normal operation of the BR Series Wave Converter, Roland cannot guarantee compatibility solely on these factors. This is due to numerous variables that may influence the processing environment, such as differences in motherboard design and the particular combination of other devices involved.

## 3. Setup for Reading from and Writing to the Memory Card with the Computer

This software can only be used with memory cards (SD Card/CompactFlash) formatted on a BR Series device (BR-800/600/900CD). If your memory card has already been used with Windows or another system, first format (initialize) the card with a BR Series device before using it with this software.

### 3-1. If using a MICRO BR series

Before using this software, connect the computer to the MICRO BR series via USB.

If using a device that provides for the switching of its USB functionality, set its USB mode to **“Storage.”**

- \* For more detailed instructions on connecting your computer via USB, refer to the Owner's Manual for the device you are using.

### 3-2. If using a BR-800

Before using this software, connect the computer to the BR-800 via USB.

At this point, select **[MENU] – [USB] – [WAVE CONVERTER]**.

- \* For more detailed instructions on connecting your computer via USB, refer to the Owner's Manual for the device you are using.

### 3-3. If using a BR-600/900CD

Before using this software, connect the computer to the BR-600 or BR-900CD via USB.

At this point, select **[BACKUP]** as the **[Type]** in the BR-600/900CD's **[USB STORAGE]** setting.

- \* For more detailed instructions on connecting your computer via USB, refer to the Owner's Manual for the device you are using.

## 4. Installing/Uninstalling the Software

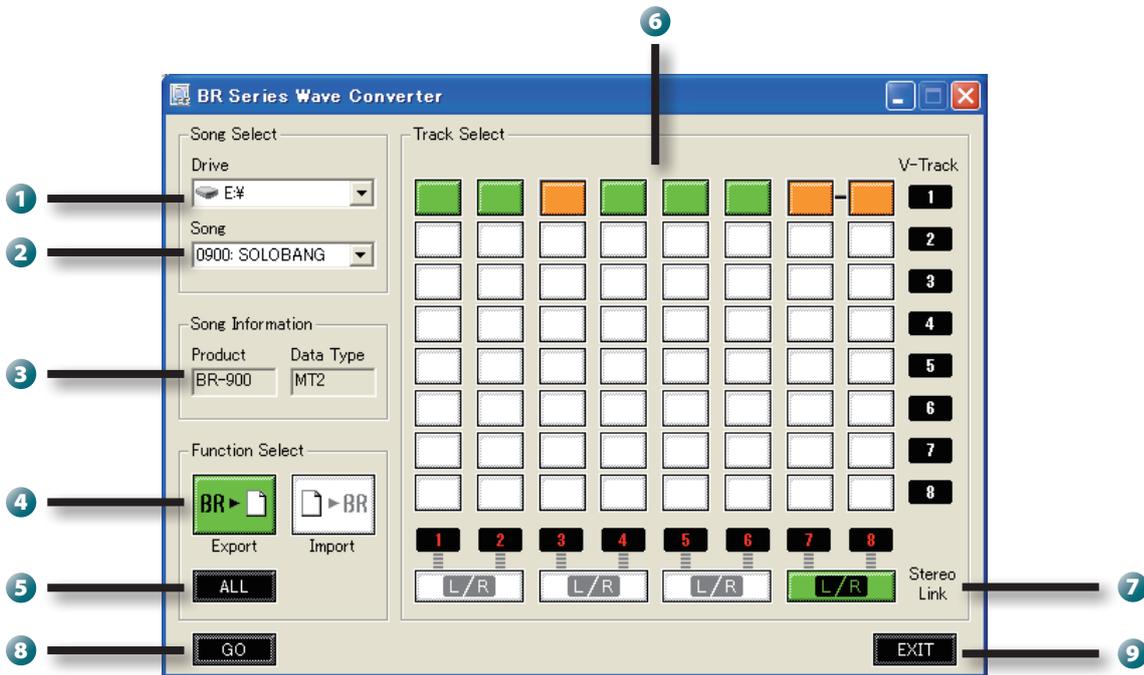
Copy the file named **“BRWC.exe”** to your hard drive.

In uninstalling, delete the file **“BRWC.exe”** and **“BRWC.ini”** in the folder you installed.

- \* For details on copying, refer to the Windows manual or help function.

## 5. Names of Things and What They Do

The following provides an introduction to the user interface for the BR Series Wave Converter, allowing you to easily find out what everything is used for.



### 1 Drive select field

Use this to select the drive containing BR Series songs.

### 2 Song select field

Use this to select BR Series songs. The four digits at the left of the title indicate the fifth through eight digits of the song folder name.

### 3 Song Information display field

Information about the selected song is displayed in this area. Shown here are the device used in creating the song and the type of song data.

### 4 [Function Select] button

Use this to switch between Wave Converter's Export and Import functions.

### 5 [Export ALL] button

Use this when Wave Converter is set to Export to select all tracks containing data at one time.

### 6 [Track Select] buttons

Use these buttons to select the tracks to be exported or imported. The track status is indicated by the color of the button.

Color of button	Track status
White	Track contains no recorded data
Green	Track contains recorded data
Red	Selected track contains no recorded data
Orange	Selected track contains recorded data

### 7 [Stereo Link] button

Use this to save stereo WAV/AIFF files when Wave Converter is set to Export. When this button is switched on (button is green), odd-numbered tracks are saved to the left channel, and even-numbered tracks are saved to the right channel. When switched off (button is white), odd- and even-numbered tracks are saved as monaural WAV/AIFF files.

### 8 [GO] button

Click this to carry out the export or import of the selected tracks.

### 9 [EXIT] button

Click this button to quit Wave Converter.

## 6. Operation

### 6-1. Starting the application

Double-click the BRWC.exe icon. The application will start up.

### 6-2. Exiting the application

Click either the [X] button located in the upper right of the window, or the [Exit] button located in the lower right of the window. The application will exit. [ESC] key on your keyboard is also usable.

### 6-3. Selecting a memory card

Select a drive from the [Drive] popup list in [Song Select]. If the selected drive has a memory card formatted for use with the BR Series, the content of the first song is displayed on the screen.

- \* Nothing is displayed in [Song] unless a BR Series-formatted memory card is inserted in the selected drive.
- \* Once a drive is selected, do not insert/eject its memory card.

### 6-4. Selecting a song

Select a song from the [Song] popup list in [Song Select].

With songs that have been created on a four-track device, the [Track Select] buttons will be limited to the selection of only four tracks.

### 6-5. Converting BR track data into WAV/AIFF file (Export)

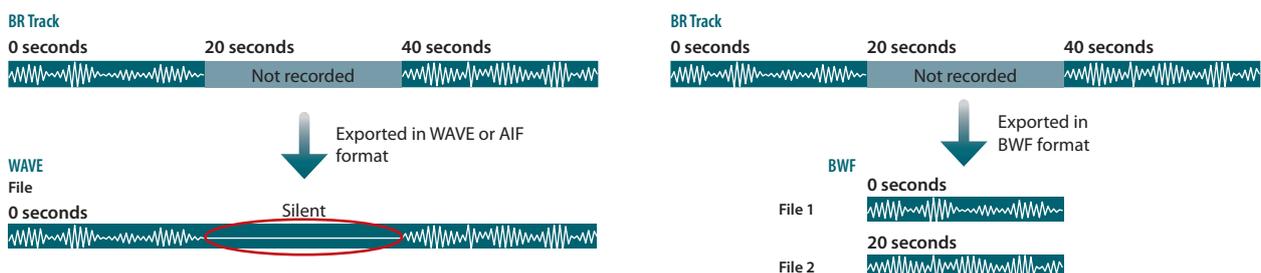
1. Click the [Export] button in [Function Select]. The [Export] button switches on (button is green), and the [Export ALL] and [Stereo Link] buttons are enabled.
2. Click the [Track Select] buttons assigned to data in WAV/AIFF files that you want to convert (buttons are green). The [GO] button is enabled.
  - \* Clicking a selected (orange) [Track Select] button deselects the button.
  - \* You can select multiple tracks.
  - \* Pressing the [Export ALL] button selects all tracks containing data.
  - \* When the [Stereo Link] button is switched on (button is green), pairs of adjacent tracks are saved to stereo WAV/AIFF files (odd-numbered tracks are saved to the left channel, even-numbered tracks are saved to the right channel).
3. Press the [GO] button. A dialog box will appear.
4. Select the file type.
  - \* Select either Windows RIFF Wave (\*.wav), Windows RIFF Wave (BWF) (\*.wav) or Apple AIFF Wave (\*.aif) file.

### What is BWF (Broadcast Wave Format)?

BWF (Broadcast Wave Format) is a WAVE format that includes time data.

When BWF is used, portions that have not been recorded will not be output in the WAVE file, thus reducing the file size.

When the file is imported into a DAW application that supports BWF, the timing information of the original BR track will be re-created.



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5. Select the save location for the file.
  6. In **[Filename]**, specify the filename for saving. When the file is saved, the track number and V-Track number are appended to the end of the file name.
  7. Click **[Save]**, and the file will be saved. If you decide to abort the conversion, click **[Cancel]**.
    - \* Loop effects are not added to saved files.
    - \* If you cancel a conversion, the data that's been converted up to that point will be saved, without being deleted.

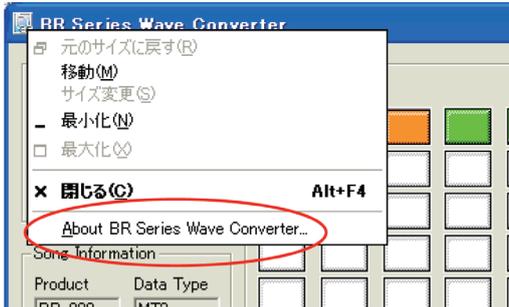
## 6-6. Converting WAV/AIFF files into BR Series data (Import)

1. Click the **[Import]** button in **[Function Select]**. The **[Import]** button switches on (button is green), and the **[Export ALL]** and **[Stereo Link]** buttons are unavailable.
2. Click the **[Track Select]** buttons to which the WAV/AIFF file is to be registered. The **[GO]** button is enabled for use.
  - \* Clicking a selected **[Track Select]** button deselects the button.
  - \* You can select tracks to which data is already registered. In that case, the previous data is overwritten with the saved data, erasing the previous data content.
  - \* You can only select up to two tracks to import simultaneously.
  - \* If you specify two tracks when loading a monaural WAV/AIFF file, the same data will be placed in each of the specified tracks.
  - \* If you specify one track when loading a stereo WAV/AIFF file, the left channel data will be placed in the specified track.
3. Press the **[GO]** button. A dialog box will appear.
4. Select the file type.

Choose either the Windows RIFF Wave (\*.wav) or Apple AIFF Wave (\*.aif) format.
5. Select the file that you wish to load.
6. Press the **"Open"** button. The file will be converted into BR Series format, and will be stored in the specified track. If you want to stop the conversion while it is in progress, click the **[Cancel]** button.
  - \* This software is capable of handling 44.1 kHz, 16-bit PCM WAV/AIFF files. Be sure to convert the data to this format when converting MP3 or other types of data.
  - \* The time required for loading and conversion will depend on the size of the original file.

## 6-7. Checking the software version

Click the icon in the title bar. Click **[About BR Series Wave Converter]**.



## 6-8. Error messages

Message	Explanation
Not BR series memory card.	The memory card you have selected is not formatted for use with the BR Series. Check the memory card and try the operation once again.
Can't read card.	You performed a read operation on a memory card that was not ready. Check the memory card and try the operation once again.
Can't write to card.	You attempted to write to a protected memory card. Or, you performed a write operation on a card that was not ready. Check the memory card and try the operation once again.
Failed to read wave file.	The WAV/AIFF file you attempted to read was not a PCM, 44.1 kHz, 16 Bit, and therefore could not be read. Please check the format of the file.
Failed to write wave file.	Check to confirm that the file you are attempting to write is not being used by another application or by Explorer. If the file is currently being used, quit the other application and try writing the file again. If the number of characters in the name of the saved file or in the save-destination folder name exceeds the maximum limit, try reducing the number of characters in the file name or folder name and then try the operation once again.
No free space on save-destination card.	There is insufficient space on the save destination memory card. Increase the amount of free space by erasing unneeded data. Then try the conversion operation once again.
Sampling frequency is not 44.1 kHz. Can't convert wave file to BR track.	The WAV/AIFF file you have selected to convert from WAV/AIFF file to BR Series data (Import) has a sampling rate other than 44.1 kHz. Please load a WAV/AIFF file with a sampling rate of 44.1 kHz.
Specified wave is too short (< 1sec). Can't convert wave file to BR track.	The data in the WAV/AIFF file you have attempted to convert to BR Series data (Import) is less than 1 second in duration. BR Series devices are not capable of handling data lasting one second or less.
Event maximum reached. Can't create new event.	The available space for performance data from the conversion (Import) of WAV/AIFF files to BR Series data is full, and no new performance data can be added. First, erase any unneeded data using Song Optimize on your BR series device (or by using some other method), then perform the conversion over again.
Excessive amount of data in track.	The recording time for the data on the specified track is too long. Use the BR Series device's Track Edit function to shorten the recording time. This software is capable of outputting monaural data of up to approximately 6 hours and 45 minutes (approximately 3 hours and 22 minutes in stereo).
Excessive amount of data in song.	The total recording time of the song is too long. This software is capable of data of up to approx. 9 hours (approx. 4 hours and 30 minutes in stereo). With the BR-80, this will be approx. 3 hours and 20 minutes in monaural (approx. 1 hours and 40 minutes in stereo).