

## **CD-2e** **SD/CD RECORDER**

### Newly Added Features (Ver. 1.10)

This booklet describes the features that have been added in this update.

In order to fully understand the CD-2e's new features, please read this booklet together with the Owner's Manual for the CD-2e.

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# Creating a Copy of a Song at a New Pitch

You can change the pitch of a song on an SD memory card or CD, and save the new version of the song on the SD memory card.

\* In order to edit a song on CD, you'll need to use the dedicated AC adaptor (included).

## 1 Insert the media that contains the song you want to edit.

\* The copy of the song at the new pitch will be created on the SD memory card. If you want to edit a song that's on a CD, you'll need to provide both the CD and the SD memory card.

## 2 Select the song whose pitch you want to change.

## 3 Press the [MENU] button to access the menu screen, and choose "Change Pitch?"



```
SD CARD  <>
Change Pitch?
```

① Press the [MENU] button to access the menu screen.

② Use the [ < ] [ > ] buttons to choose "Change Pitch?"

③ Press the [ENTER] button to confirm your choice.

## 4 Use the [+] [-] buttons to change the pitch setting, and press the [ENTER] button.

If you've changed the pitch as described in "Making Fine Adjustments to the Playback Pitch (Pitch)" (Owner's Manual; Page 63), that value will be applied.



```
Pitch      : 8
```

\* If you want to audition the song, press the [▶/|| (Play)] button.

## 5 If you're sure you want to proceed, press the [ENTER] button.

(If you decide to cancel, press the [EXIT] button.)



```
Change PitchCD03
Are You Sure?
```

— Media and song number of the song to be edited



```
Change Pitch
Processing.. 20%
```

— Progress indication

The display will show "Processing..." and the operation will be performed. When processing has been completed, you're returned to the audio source screen, and the copy of the song with the modified pitch will be added at the end of the SD memory card.

### Important

- This editing process will take a certain amount of time. In general, the time will be approximately the playback time of the song.
- The SD memory card must have enough free space to contain the newly created song. For example, if you're editing a five-minute song, you won't be able to execute the operation unless the SD memory card has at least five minutes of recording time remaining.
- Key, playback speed, and Center Cancel settings are not reflected in the resulting song copy.
- This operation cannot be performed if the SD memory card's write protect switch (Owner's Manual; Page 25) is in the "LOCK" position.

# Creating a Copy of a Song at a New Playback Speed

You can change the playback speed of a song on an SD memory card or a CD, and save the new version of the song on the SD memory card.


\* In order to edit a song on CD, you'll need to use the dedicated AC adaptor (included).

## 1 Insert the media that contains the song you want to edit.

\* The song with the new playback speed will be created on the SD memory card. If you want to edit a song that's on a CD, you'll need to provide both the CD and the SD memory card.

## 2 Select the song whose speed you want to change.

## 3 Press the [MENU] button to access the menu screen, and choose "Change Speed?"



```
SD CARD  <D>
Change Speed?
```

① Press the [MENU] button to access the menu screen.

② Use the [ < ] [ > ] buttons to choose "Change Speed?"

③ Press the [ENTER] button to confirm your choice.

## 4 Use the [+] [-] buttons to change the playback speed setting, and press the [ENTER] button.

If you've changed the playback speed as described in "Slowing Down or Speeding Up Playback" (Owner's Manual; Page 67), that value will be applied.

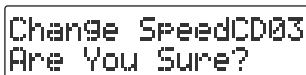


```
Speed
: 90
```

\* If you want to audition the song, press the [ ▶/II (Play) ] button.

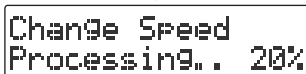
## 5 If you're sure you want to proceed, press the [ENTER] button.

(If you decide to cancel, press the [EXIT] button.)



```
Change Speed CD03
Are You Sure?
```

— Media and song number of the song to be edited



```
Change Speed
Processing.. 20%
```

— Progress indication

The display will show "Processing..." and the operation will be performed. When processing has been completed, you're returned to the audio source screen, and the copy of the song at the new playback speed will be added at the end of the SD memory card.

### Important

- It will take some time for this operation to take place. The maximum time required for processing will be approximately 1.5 times the playback time of the song. (This will depend on the playback speed setting.) For example, if you're editing a four-minute song at a playback speed of 50 (half speed), processing will take approximately six minutes.
- The SD memory card must have enough free space to contain the newly created song. For example, if you're editing a four-minute song at a playback speed of 50 (half speed), you won't be able to execute the operation unless the SD memory card has at least six minutes of recording time remaining.
- This operation cannot be executed if the length of the song after editing would be less than four seconds.
- Key, pitch, and Center Cancel settings are not reflected in the resulting song copy.
- This operation cannot be performed if the SD memory card's write protect switch (Owner's Manual; Page 25) is in the "LOCK" position.

# Creating a Copy of a Song with the Center Cancelled

You can make simple karaoke material from a song on an SD memory card or CD by using the Center Cancel effect (Owner's Manual; Page 64), then saving the new version of the song on an SD memory card.

\* In order to edit a song on CD, you'll need to use the dedicated AC adaptor (included).

## 1 Insert the media that contains the song you want to edit.

\* A copy of the song, to which the center cancel effect has been applied, will be created on the SD memory card. If you want to edit a song that's on a CD, you'll need to provide both the CD and the SD memory card.

## 2 Select the song from which you want to make simple karaoke material.

## 3 Press the [MENU] button to access the menu screen, and choose "Center Cancel?"



① Press the [MENU] button to access the menu screen.

② Use the [ < ] [ > ] buttons to choose "Center Cancel?"

③ Press the [ENTER] button to confirm your choice.

## 4 Use the [+] [-] buttons to select the type of Center Cancel, and press the [ENTER] button.



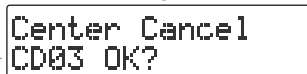
\* If you want to audition the song, press the [ ▶/II (Play) ] button.

Value	Explanation
On1	Sounds heard in the stereo center during playback will be eliminated.
On2	"On1" and "On2" provide different center cancellation effects. Try out both, and use the setting that is best for your situation.

## 5 If you're sure you want to proceed, press the [ENTER] button.

(If you decide to cancel, press the [EXIT] button.)

Media and song number of the song to be edited



Progress indication

The display will show "Processing..." and the operation will be performed. When processing has been completed, you're returned to the audio source screen, and the song that's been prepared for use with karaoke will be added at the end of the SD memory card.

### Important

- This editing process will take a certain amount of time. In general, the time will be approximately the playback time of the song.
- The SD memory card must have enough free space to contain the newly created song. For example, if you're editing a five-minute song, you won't be able to execute the operation unless the SD memory card has at least five minutes of recording time remaining.
- Key, pitch, and playback speed settings are not reflected in the resulting song copy.
- This operation cannot be performed if the SD memory card's write protect switch (Owner's Manual; Page 25) is in the "LOCK" position.

You can now set the tempo of the metronome by pressing the [ < ] button at the desired interval (Tap Tempo function). In addition, you can now adjust the volume of the metronome.

**1** Follow the procedure described in steps 1–2 on Page 98 in the Owner's Manual.

**2** Setting the tempo.

METRONOME ◀▶  
Tempo

① Press the [EXIT] button to return to the menu screen.

② Use the [ < ] [ > ] buttons to choose "Tempo."

③ Press the [ENTER] button to confirm your choice.

Tempo : 120

④ Set the metronome tempo.

There are two ways to set the tempo.

- Use the [+] [-] buttons to change the tempo value
- Specify the desired tempo by tapping it out using the [ < ] button

The tempo value will be changed to reflect the timing you've used in pressing the [ < ] button.

Value	Explanation
♩ = 20–120 (factory setting)–250	Specifies the number of quarter-notes in one minute. Decreasing this value will make the tempo slower. Increasing this value will make the tempo faster.

**3** Adjust the volume.

METRONOME ◀▶  
Level

① Press the [EXIT] button to return to the menu screen.

② Use the [ < ] [ > ] buttons to choose "Level."

③ Press the [ENTER] button to confirm your choice.

Level : 0

④ Use the [+] [-] buttons to adjust the metronome volume as desired.

Value	Explanation
-6–0 (factory setting)–6	The higher the value, the louder the volume.

Now you can choose one of two Center Cancel effects.

## 1 Press the [MENU] button to access the menu screen, and choose "Center Cancel."



- ① Press the [MENU] button to access the menu screen.
- ② Use the[ < ] [ > ] buttons to choose "Center Cancel."
- ③ Press the [ENTER] button to confirm your choice.

## 2 Use the [+] [-] buttons to turn Center Cancel on/off.



Value	Explanation
Off (factory setting)	Center Cancel will be off.
On1	Center Cancel will be on. Sounds heard in the stereo center during playback will be eliminated.
On2	"On1" and "On2" provide different center cancellation effects. Try out both, and use the setting that is best for your situation.

## 3 Press the [EXIT] button twice.

You're returned to the audio source screen.

# List of Added Settings and Values

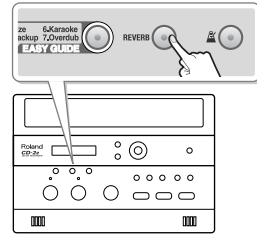
Category	Setting (details)	Values	Battery	Playback	Reference page (this booklet)
PLAYBACK	<b>Center Cancel</b> (Eliminates the center of the stereo sound image.)	Off, On1, On2	✓	✓	Page 7
SD CARD	<b>Change Key?</b> (The key of the selected song will be changed as you create a copy of the song.)	-6-0-5	✓ *1		Page 2
	<b>Change Pitch?</b> (The pitch of the selected song will be changed as you create a copy of the song.)	-100-0-100	✓ *1		Page 3
	<b>Change Speed?</b> (The playback speed of the selected song will be changed as you create a copy of the song.)	50-100-125	✓ *1		Page 4
	<b>Center Cancel?</b> (The sound at the center of the stereo sound field of the selected song will be eliminated as you create a copy of the song.)	On1, On2	✓ *1		Page 5
METRONOME	<b>Level</b> (Set the level of the metronome volume.)	-6-0-6	✓	✓	Page 6

\*1: In order to edit a song on CD, you'll need to use the dedicated AC adaptor (included).

## Take Advantage of Reverb!

You can use Reverb to add ambience to a recording on an SD memory card or CD (Owner's Manual; Page 68), and write a copy of the song with reverb to a CD.

If you want to create a CD with reverb applied to a song, use the [REVERB] button to select the desired depth of reverb before you continue. Once you enter the CD creation screen, you won't be able to change the Reverb setting, so be sure to check the reverb depth beforehand.



\* For details on the CD creation procedure, refer to "Selecting Songs from an SD Memory Card to Create a CD" (Owner's Manual; Page 79).

When you are recording a mix, you can apply reverb in the same way to a song that you're recording to an SD memory card or a CD.

\* For details on the mix recording procedure, refer to "Recording Karaoke" (Owner's Manual; Page 46) or "Layering Your Performance onto an SD Memory Card Song and Recording It" (Owner's Manual; Page 49).



\* 5 1 0 0 0 0 0 7 9 8 - 0 1 \*

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