Announcement of Functions Newly Added to R-09HR Ver. 3.0

New functionality has been added to the R-09HR. Please read this in conjunction with the owner's manual.

Enhanced control over volume for preview monitoring

The handling for the volume during preview monitoring, when playing back songs that have low-volume passages, has been greatly improved in version 3.0. With some songs, if the output volume is set to a high level, the sound may sometimes distort. In such cases, you should adjust the volume of the output using the [(+) and (-) VOLUME Buttons].

R-09HR

## Using the Rehearsal Function (Rehearsal)

The menu item Rehearsal has been added to the <Menu Screen>.
You can have the recording level be set automatically, so that it is optimized for the actual audio being input.

NOTE
When AGC is ON, the rehearsal function cannot be used.

**1. Select "Rehearsal" from the <Menu Screen>.**
Use the [PLAY Button ▲] and [STOP Button ▼] to select "Rehearsal," then press the [REC Button].

MEMO
You can go directly to "Rehearsal" by holding down the [MENU Button] for a few seconds in the <Main Screen>.
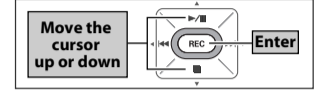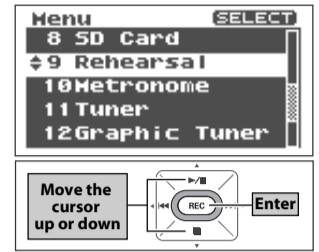
2. Position the microphone so it's pointed at the sound source you want to record, then press the [REC Button].
The detection process will begin. This process analyzes the audio that's being input, and determines the optimum recording level and microphone input sensitivity (Mic Gain).
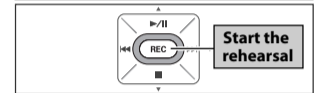
3. Press the [STOP Button ▼].
Once the detection process is complete, the unit will be set to the optimum input level, then you will be returned to the <Main Screen>.
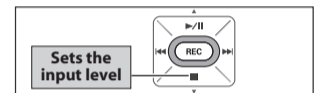
If you decide to cancel the operation, press the [MENU Button]. The input level does not change.

NOTE
If the setting of the [Mic Gain Switch] on the rear panel is not appropriate for the sensitivity of the microphone as actually detected, you'll be presented with a message in the display. Change the setting of the switch as directed by the message in the display.
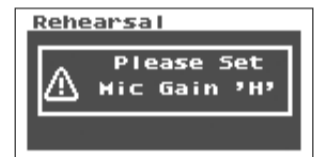

Saving Only the Useful Part of a Song (Trim)

The item "Trim" has been added to the <Finder Screen>.
This feature allows you to trim away all parts of the song that you don't need, so you end up with only the material you do need.
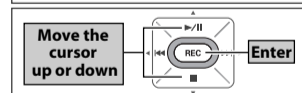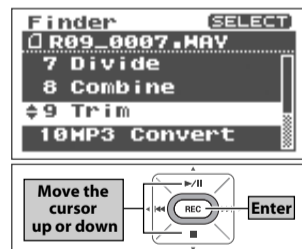
1. Select a song from the <Finder Screen>.
Use the [PLAY Button ▲] and [STOP Button ▼] to select a song, then press the [REC Button].

MEMO
To select a subfolder, select the folder then press the [NEXT Button ▶]. To move up a level, press the [PREV Button ◀].
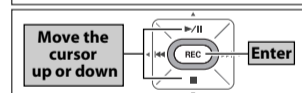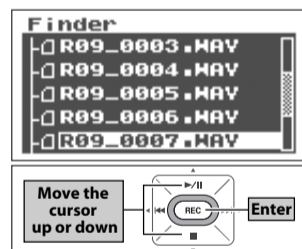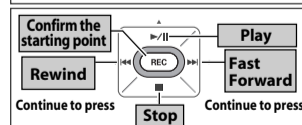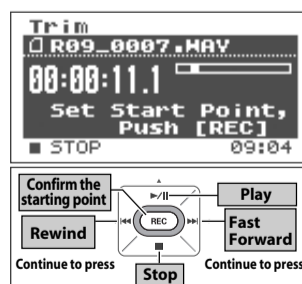
2. Select "Trim."
Use the [PLAY Button ▲] and [STOP Button ▼] to select "Trim," then press the [REC Button].

**3. Search for the starting point of the portion you want to keep.**
Using the [PLAY Button ▲], [STOP Button ▼], [PREV Button ◀], and [NEXT Button ▶] to fast-forward or rewind, locate the starting point of the portion you want to keep. When you've determined the position, press the [REC Button].

4. Search for the end point of the portion you want to keep.
Using the [PLAY Button ▲], [STOP Button ▼], [PREV Button ◀], and [NEXT Button ▶] to fast-forward or rewind, locate the end point of the portion you want to keep. When you've determined the position, press the [REC Button].

You can return to step 3 by pressing the [FINDER Button].

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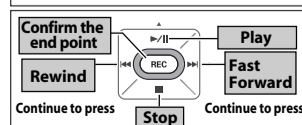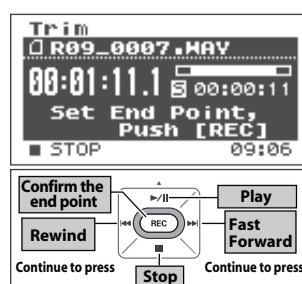
5. Press the [REC Button] to confirm your selection.
A confirmation screen is shown.
Press the [REC Button] to confirm your selection.

You can return to step 4 by pressing the [FINDER Button].
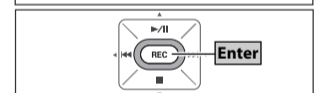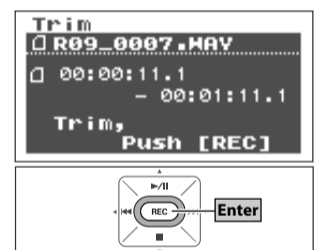
If you want to stop the processing for the Trim function after it has started, press the [STOP Button ▼].

NOTE
Do not turn off the power while the processing for the Trim function is being carried out.

MEMO
After processing, the resulting trimmed song will be saved as a new song. As its name, the characters "-1" will be appended to the name of the source song. The source song will remain in its original state. For example, if the source song was named R09_0001.WAV, the Trim operation will create a new song named R09_0001-1.WAV.

Converting Recordings to MP3 Files (MP3 Convert)

The menu item MP3 Convert has been added to the <Finder Screen> menu.
This feature allows you to convert songs that have been recorded in WAV format to MP3 files.

NOTE
- Only WAV files with a sampling frequency of 44.1 kHz or 48.0 kHz can be converted.
- This feature cannot be used in ECO Mode.

1. Select a WAV song from the <Finder Screen>.
Use the [PLAY Button ▲] and [STOP Button ▼] to select a WAV song, then press the [REC Button].

MEMO
To select a subfolder, select the folder then press the [NEXT Button ▶]. To move up a level, press the [PREV Button ◀].

```
Finder
 R09_0003.WAV
 R09_0004.WAV
 R09_0005.WAV
 R09_0006.WAV
 R09_0007.WAV
```

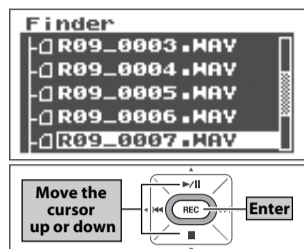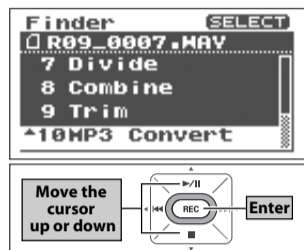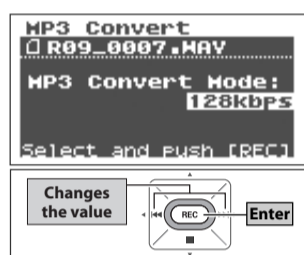Move the cursor up or down / Enter

2. Select "MP3 Convert."
Use the [PLAY Button ▲] and [STOP Button ▼] to select "MP3 Convert," then press the [REC Button].

```
Finder        SELECT
 R09_0007.WAV
 7 Divide
 8 Combine
 9 Trim
▲10MP3 Convert
```

Move the cursor up or down / Enter

3. Select the MP3 convert mode.
Using the [PREV Button ◀] and [NEXT Button ▶] to select the MP3 convert mode.

Setting	64 kbps
	96 kbps
	128 kbps
	160 kbps
	192 kbps
	224 kbps
	320 kbps

```
MP3 Convert
 R09_0007.WAV

MP3 Convert Mode:
            128kbps

Select and push [REC]
```

Changes the value / Enter

4. Press the [REC Button] to begin the conversion to MP3.
To cancel, press the [FINDER Button] before pressing the [REC Button].

If you want to stop the conversion after it has started, press the [STOP Button ▼].

NOTE
- Do not turn off the power while the conversion is being carried out.
- If the card has insufficient free space, the message "SD Card Full" will appear, and this converting operation will not be possible.

```
MP3 Convert
 R09_0007.WAV

Now Processing !
[=========]
Cancel, Push [STOP]
```

MEMO
Once it's been converted to an MP3 file, the resulting song will be saved as a new song. As its name, the characters "-1" will be appended to the name of the source song. The source song will remain in its original state.
For example, if the source song was named R09_0001.WAV, the MP3 conversion operation will create a new song named R09_0001-1.MP3.
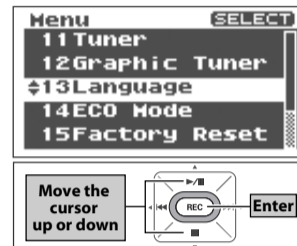
Changing the Language Used for Indications in the Screen (Language)

A choice of the language used for display has been added to the <Menu Screen>.
You can choose to have things be displayed in either English or Japanese.

1. Select "Language" from the <Menu Screen>.
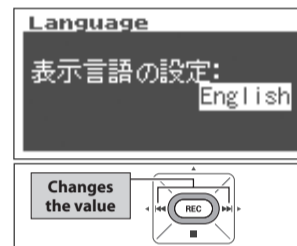Use the [PLAY Button ▲] and [STOP Button ▼] to select "Language," then press the [REC Button].

```
Menu          SELECT
 11 Tuner
 12 Graphic Tuner
↕13 Language
 14 ECO Mode
 15 Factory Reset
```

Move the cursor up or down / Enter

2. Select the language.
Use the [PREV Button ◀] and [NEXT Button ▶] to specify the language.

(Default value is bold)

Language	**English**
	日本語 (Japanese)

```
Language

表示言語の設定:
          English
```
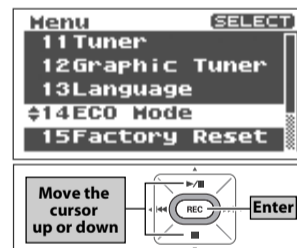
Changes the value

MEMO
- When finished with the settings, press the [MENU button] to return to previous screens, in order.
- After a Factory Reset, the unit will be set to display things in English.

Using the R-09HR in ECO Mode (ECO Mode)

The menu item "ECO Mode" has been added to the <Menu Screen>.
"ECO Mode" offers the following features.

- By reducing battery consumption, the number of hours over which the product can be used continuously can be extended.
- By limiting the number of items to be set, the font size of the displayed items can be increased, making operation of the R-09HR easier.

(Normal)
```
Menu          SELECT
▼1 Recorder Setup
 2 Player Setup
 3 Display Setup
 4 Power Manage
 5 Input Setup
```

(ECO Mode)
```
Menu          SELECT
 1 Rehearsal
 2 Setup
 3 Date & Time
 4 SD Card
```

■ Number of hours unit can be used continuously

Continuous recording approximately: 7.5 hours (44.1 kHz, using internal microphone)

■ Precautions concerning use of ECO Mode

Please note that ECO Mode imposes certain limitations regarding the functions that can be used and the parameters that can be set.

Functions that are limited	**Settings that can be used for recordings** • Sampling Frequency: 44.1 kHz or 48.0 kHz • Recording Mode: WAV 16 bit **Data that can be played back** Only WAV files with a sampling frequency of 44.1 kHz or 48.0 kHz.
Functions that cannot be used	• [SPEED Button] (Changing the playback speed) • [REVERB Button] • Tuner • Metronome • Self Timer • MP3 Convert
Parameters for which settings can be changed	• Sample Rate (44.1 kHz/48.0 kHz) • Ext Mic Type • Rec Monitor Sw • Limiter/AGC • Preview Monitor • Low Cut Freq • Brightness • Repeat • Battery Type
Parameters for which the settings cannot be changed (fixed at default settings)	• Rec Mode (WAV 16 bit) • Peak Hold (On) • Max File Size (2 GB) • Display Timer (5 sec) • Self Timer (OFF) • Auto Power Off (30 min) • Metronome (OFF) • Rec/Peak LED (Normal) • File Name (Name) • Remote Control (Enable) • Play Mode (SEQUENTIAL)

■ Setting the ECO Mode

1. Select "ECO Mode" from the <Menu Screen>.
Use the [PLAY Button ▲] and [STOP Button ▼] to select "ECO Mode," then press the [REC Button].
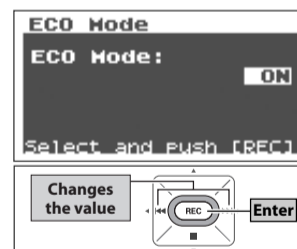
```
Menu          SELECT
 11 Tuner
 12 Graphic Tuner
 13 Language
↕14 ECO Mode
 15 Factory Reset
```

Move the cursor up or down / Enter

2. Turn on "ECO Mode."
Using the [PREV Button ◀] and [NEXT Button ▶] to select "ON."

(Default value is bold)

Setting	**OFF (Normal)**
	ON (ECO Mode)

```
ECO Mode

ECO Mode:
              ON

Select and push [REC]
```
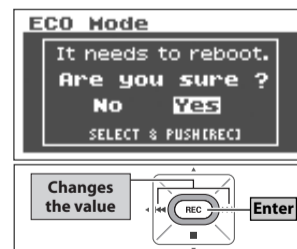
Changes the value / Enter

3. Restart the R-09HR.
A screen asking you to confirm that you wish to reboot the unit will appear.

Using the [NEXT Button ▶] to select "YES," then press the [REC Button].

```
ECO Mode
It needs to reboot.
Are you sure ?
 No       Yes
SELECT & PUSH[REC]
```

Changes the value / Enter

After it has restarted, the R-09HR will switch to ECO mode.

While the R-09HR is in ECO mode, the indication "ECO" will be shown in the lower portion of the <Main Screen>.

MEMO
When in ECO mode, values won't be restored to their defaults if you carry out a factory reset.
To turn ECO mode off, change the settings for ECO mode again.

```
 R09_0001.WAV
00:00:00   T00:05:21
L                  44k
R
■ STOP         ECO 13:20
```

Indication for ECO mode