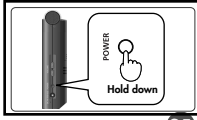


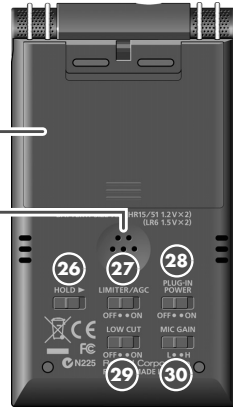
BASIC SETUP

- put in batteries + SD card
- Power up recorder
- press MENU



25

ROLAND R-09HR SMART GUIDE



use the REC button controls to select and set most important menu items

1. Recorder Setup

- sample rate: 44.1 kHz
- rec mode: WAV 24 bit
- File Name : Date (this will make it easier to identify files)

4. Power Manage

- set battery types
- set auto power off

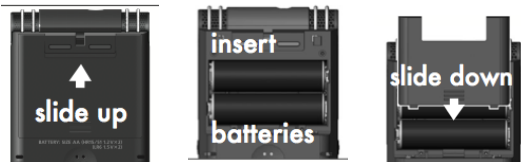
5. Input Setup

- Rec Monitor SW = ON

7. Date / Time - set

8. SD card - format

Press Menu twice to quit



Be careful when you put batteries in. Slide the backs of the pack on rather than snapping it on.

26

24 Battery compartment

Batteries are inserted here when operating on battery power. There is no need to insert batteries when using the AC adaptor.
→ "Using batteries" (p. 21)

NOTE

Be sure to turn the R-09HR off before unplugging the AC adaptor.

25 Preview Monitor

This is an internal speaker used as a monitor.

* No sound is output from the preview monitor when headphones are connected. Also, no sound is output from the preview monitor during recording or recording standby to prevent feedback.

26 HOLD switch

Set the HOLD switch to the ON position so only the following buttons can be used and to help prevent accidental operations.

Buttons remaining operable when the HOLD switch is set to ON:

- [LIMITER/AGC Switch 27]
- [PLUG-IN POWER Switch 28]
- [LOW CUT Switch 29]
- [MICROPHONE GAIN Switch 30]

27 LIMITER/AGC (Auto Gain Control) switch

This switch turns the LIMITER or AUTO GAIN CONTROL on or off. Ordinarily, it can be set to off. Switching between LIMITER and AUTO GAIN CONTROL is performed on the <Menu Screen> (p. 102).

ON	Turns the LIMITER or AUTO GAIN CONTROL ON.
OFF	Records input sounds without changing them.

28 PLUG-IN POWER switch

Slide this switch to the appropriate setting when you've connected a plug-in powered microphone to the [MIC Input Jack 16].

ON	Plug-in powered microphone is used.
OFF	Plug-in powered microphone is not used.

* When set to use plug-in powered microphones, using a dynamic microphone or a battery-powered microphone may cause damage.

29 LOW CUT switch

This switch turns LOW CUT on or off. It is usually set to off.

ON	Records while cutting the lower range portion of the input signal. Turn on when breath noise (the sound of breathing while recording a voice) or wind noise (when recording outside) may be a problem.
OFF	Records without cutting the lower range.

30 MIC GAIN switch

This switch changes the sensitivity with respect to the input from the microphone.

L (LOW)	Lowers the microphone sensitivity. Set to L when inputting loud sounds such as band performances.
H (HIGH)	Increases the microphone sensitivity. Set to H when inputting softer sounds such as meetings.

LOW CUT: Keep Off when recording voice. Generally used for a very very loud environment.

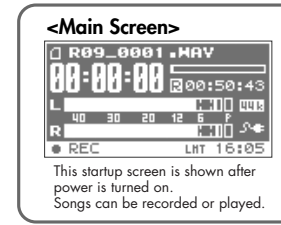
MIC GAIN: Most times keep at High for voice.

LIMITER/AGC (Automatic Gain Control): Keep Off The limiter limits/controls how loud the highest point of your signal will get. Not really needed for voice recording. This limiter has a 10:1 ratio: the original signal has to hit 10dB before the compression allows a 1dB increase.

PLUG-IN POWER: keep off : it doesn't work with the mics that we use.

The R-09HR screen

The <Main Screen> is shown when power to the R-09HR is turned on. The <Finder Screen> and <Menu Screen> can be opened from the <Main Screen>.

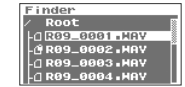


This startup screen is shown after power is turned on. Songs can be recorded or played.



FINDER

<Finder Screen>



This screen shows a song list and allows names to be edited and songs to be deleted or copied.

<Menu Screen>



You can do things such as set the date and time, adjust the recording sound quality, adjust the brightness of the display, and perform initializations.

<USB Screen>



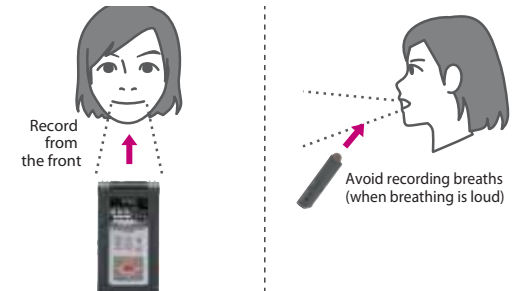
This screen is displayed when a PC is connected via USB. Songs can be copied (moved) between the R-09HR and PC.

RECORDING (wear headphones)

- Set MIC GAIN switch to High
- Press the REC button to go into pause
- adjust the input levels while the red light flashes
- ideal levels are between 12dB and -6dB
- press REC to start recording

RECORDING VOICE

- Hold the Roland or microphone 2 to 3 inches below the chin.
 - This will reduce popping and ssss sounds.
 - Have your subject speak in a normal voice.
 - Adjust the Input Level



ROLAND RECORDING EXERCISES: 5 FAV THINGS

Work in teams of 2 / Wear headphones when recording / Don't erase, just redo /

PART 1 : RECORD 2 INTERVIEWS ABOUT YOUR 5 FAVOURITE THINGS

- Start recording and say the date and "Roland recorder exercise" and teacher's name
 - (ie: Friday Sept 12th, Roland recorder exercises, Emily Pelstring's/ Frank Sanna's sound 1 class. "
- before each interview, identify (by recording) who is the interviewer and who is being interviewed
 - (ie: This is Mike Smart interviewing Frank Sanna and Emily Pelstring ")
- Questions to ask (please reply by restating the question first, then the answer)
 1. what is your favourite colour and why ?
 2. what is your favourite food and why ?
 3. what is your favourite song and why?
 4. can you sing or say a few lines from your favorite song ?
 5. what is your favourite season and why?
 6. what is your favourite time of day and why?

PART 2: ENVIRONMENTAL SOUND RECORDINGS

- record 2 ambient constant sounds (wind, a drone, air conditioning, a motor running) or any other sound that is non stop for 1 minute each.
- record 2 intermittent sounds (a beat, typing on a keyboard, snapping fingers, clapping) or any other sound that goes off / on for about 20 seconds each.

Bring your SD card with these recordings to your Pro Tools lab on _____

note: You will need your proxy card to access the Pro Tools lab CJ 1.327