



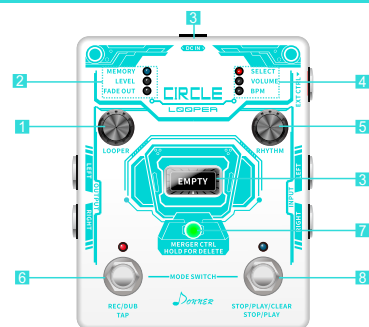
Double Footswitch Looper Pedal

Owner's Manual

Features

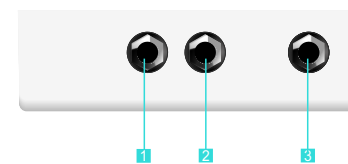
- 44.1kHz 24bit high-quality looper and drum machine
- Up to 4 minutes of recording time per each track, 40 preset slots, and 160 minutes total recording capacity
- 100 different drum grooves from 10 unique music styles. 10 types of metronome settings to choose from
- EXT CTRL function supports external footswitch control (purchased separately)
- Supports import/export recording via USB with editor software
- The detail of recording is displayed by the progress bar on the screen
- Separate footswitch for controlling looper and drum machine
- Recording saved automatically, even after CIRCLE LOOP is powered off

Layout

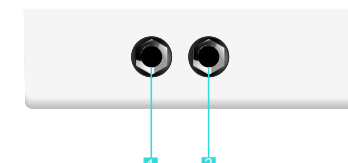


- 1. LOOPER**
LOOPER control. Select the position, volume level, and fade out time of the LOOPER
- 2. LOOPER LED**
Indicates current LOOPER parameters
- 3. Display Screen**
- 4. RHYTHM LED**
Indicates current RHYTHM parameters
- 5. RHYTHM**
RHYTHM control. Select the rhythm type, speed, and volume level of the RHYTHM setting.
- 6. Left Footswitch**
Switch on/off
- 7. MERGER CTRL**
Toggle LOOPER and drum machine to work independently or simultaneously. Hold to delete recorded tracks.
- 8. Right Footswitch**
Switch on/off

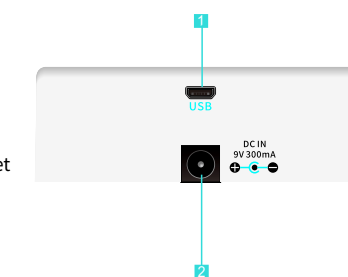
- 1. INPUT RIGHT**
MONO audio input jack
- 2. INPUT LEFT**
MONO audio input jack. (Connect both LEFT and RIGHT input to set up stereo input)
- 3. EXT CTRL**
External stereo footswitch jack



- 1. OUTPUT LEFT**
Mono output jack
- 2. OUTPUT RIGHT**
Mono output jack (Connect both output jacks to set up stereo output)

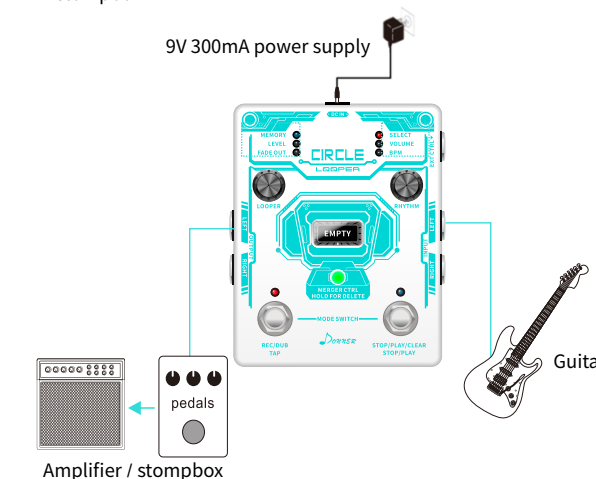


- 1. USB**
Micro type-B USB. Connect to computer for editor software, import/export recorded files, perform factory reset
- 2. DC IN**
Power supply, 9V 300mA negative inside.



Start

- Plug in 9V 300mA power supply to DC IN jack
- Connect guitar to the LEFT INPUT via instrument cable
- Connect the output of the CIRCLE LOOPER to an amplifier or stompbox



Instruction

CIRCLE LOOPER has both LOOPER and RHYTHM modules. Users can switch between LOOPER and RHYTHM by pressing both footswitches simultaneously. The LED of LOOPER (blue) and RHYTHM (red) will indicate current module.

LOOPER

Press **LOOPER** knob to select a function below



MEMORY

LOOPER saving mode. In this mode, rotate LOOPER knob to select a slot to save looper file.



LEVEL

Playback volume level of the tracks. Ranges from $-\infty$ to +6dB. If OUTPUT CLIPPING is displayed on the screen, please turn down the volume level of playback.



When the input signal level is detected to be clipping, "INPUT CLIPPING" will be displayed on the screen. Please turn down the input level or the output level of your instrument.



FADE OUT

Setting the time of fade out when the playback stops. Range from 1 to 5 seconds. FADE OUT function is set to off as default.



REC

Press LOOPER knob to select MEMORY. Rotate to an empty slot. Press left footswitch to start recording. The screen will display "REC" and timer will begin counting.



Playback

After current track recording is finished, press right footswitch to stop recording and begin playback. Progress bar will display play time.

Dub

After current track recording is finished, press left footswitch to enter Dub mode. it will start recording while playing back previously recorded tracks. Press left footswitch again to finish recording and begin playback of all recorded tracks.



UNDO

If two or more tracks have been recorded, press and hold right footswitch for 2 seconds during playback to delete the last track. "UNDO" will be displayed on the screen.

UNDO

REDO

You can utilize REDO to recall the last track you deleted. After UNDO, press and hold right footswitch for 2 seconds to recall the deleted track. "REDO" will be displayed on the screen.

REDO

STOP

In playback mode, press right footswitch to stop playback. "STOP" will be displayed on the screen. You can press the right footswitch again to continue playing. You can also press left footswitch while in STOP mode to continue playing and DUB a new track.

CLEAR

In STOP mode, press and hold right footswitch for 2 seconds to clear all the tracks in the current slot. "EMPTY" will be displayed to indicate current slot is empty.

Notice

1. If only one track is recorded, you can press and hold right footswitch for 2 seconds during recording to delete the track; if there are two or more tracks recorded, press and hold right footswitch for 2 seconds during recording to UNDO/REDO. If you would like to delete all tracks, you need switch to "STOP" mode then press and hold right footswitch to CLEAR.
2. In playback mode, you can press LOOPER knob to select MEMORY and navigate to desired tracks in slot.

RHYTHM

Press **RHYTHM** knob to select a function below



SELECT

Rotate the RHYTHM to select from 100 different drum grooves from 10 styles of music as well as 10 styles of metronome.

VOLUME

Adjust the play volume level of RHYTHM. Default value is 5, which corresponds to no attenuation or increase to original signal.

BPM

Show BPM (Beat per minute) of RHYTHM. The LED light above the left footswitch will blink to indicate current BPM of RHYTHM. Please refer to the TAP TEMPO section for BPM setting procedure.

On/Off

In RHYTHM mode, press right footswitch once to turn on/off RHYTHM. The LED above right footswitch will indicate the on/off of RHYTHM.

TAP TEMPO

In RHYTHM mode, press left footswitch two or more times at the desired tempo to set the BPM of the current RHYTHM. The LED above the left footswitch will indicate current BPM (beats per minute).

Tips

While RHYTHM mode is on, you can switch to SELECT mode to select between different grooves. However, unlike the LOOPER, the RHYTHM setting will not switch until current bar has finished.

LOOPER+RHYTHM

When RHYTHM is off, while using the LOOPER to record, RHYTHM will start automatically in playback/DUB modes after the first track has recorded.

You can turn on RHYTHM before recording, then switch to LOOPER to start recording. RHYTHM will run simultaneously with LOOPER. LOOPER and RHYTHM are two individual modules. The on/off of one will not affect the other.

MERGER CTRL

MERGER CTRL button can be accessed to play/stop both LOOPER and RHYTHM simultaneously.

- Press MERGER CTRL button to activate, LED button will turn green.
- Enter RHYTHM module to set the rhythm type and BPM.
- Switch to LOOPER module, press left footswitch to start recording. Before starting, a count-in bar will be played then the recording and drum machine will start simultaneously. "REC" will be displayed on the screen.

Tips

1. The minimum recording capacity is one bar. Switching to Playback/Dub mode when the recording is less than one bar, the recording will not stop until current bar is finished.
2. When the recorded time is more than one bar and less than 1.5 bar, switching to Playback/Dub will only save the first full bar. RHYTHM and Playback/DUB will then return to the start of the bar.

Notice

1. When a LOOPER file is recorded, if you switch the rhythm type to a different time signature, such as 4/4 to 3/4, LOOPER and RHYTHM may not work normally as they cannot be justified with each other.
2. When MERGER CTRL is activated, press right footswitch to access

Play/Stop of both LOOPER and RHYTHM. Pressing and holding right footswitch will clear all the tracks and RHYTHM will stop automatically.

External Footswitch

CIRCLE LOOPER supports external footswitch control via EXT CTRL port. (External footswitch purchased separately)

External Footswitch



MODE SWITCH

Press to switch between LOOPER and RHYTHM modules

UP/DOWN

Press to select rhythm type in RHYTHM. Press to select MEMORY slot in LOOPER.

RHYTHM GENRE	PATTERN	TIME SIG	DEFAULT BPM	RHYTHM GENRE	PATTERN	TIME SIG	DEFAULT BPM
1. POP	1	4/4	120	2. ROCK	1	4/4	130
	2	4/4	100		2	4/4	150
	3	4/4	130		3	4/4	120
	4	4/4	140		4	4/4	130
	5	4/4	110		5	4/4	160
	6	4/4	100		6	4/4	150
	7	4/4	120		7	4/4	140
	8	3/4	90		8	4/4	120
	9	4/4	130		9	6/8	140
	10	4/4	120		10	4/4	160
	1	4/4	160		1	4/4	110
	2	4/4	180		2	4/4	130

RHYTHM GENRE	PATTERN	TIME SIG	DEFAULT BPM	RHYTHM GENRE	PATTERN	TIME SIG	DEFAULT BPM		
3. METAL	3	4/4	150	4. DISCO	3	4/4	140		
	4	4/4	120		4	4/4	120		
	5	4/4	180		5	4/4	100		
	6	6/8	120		6	4/4	120		
	7	4/4	170		7	4/4	150		
	8	4/4	190		8	4/4	140		
	9	4/4	160		9	4/4	120		
	10	4/4	140		10	4/4	130		
	5. FUNK	1	4/4		100	6. BLUES	1	6/8	150
		2	4/4		120		2	4/4	170
3		4/4	130	3	4/4		150		
4		4/4	100	4	4/4		120		
5		4/4	90	5	6/8		130		
6		4/4	120	6	6/8		110		
7		4/4	90	7	4/4		110		
8		4/4	120	8	6/8		90		
9		4/4	90	9	4/4		120		
10		4/4	110	10	4/4		130		
7. HIPHOP	1	4/4	90	8. JAZZ	1	4/4	130		
	2	4/4	100		2	4/4	160		
	3	4/4	80		3	4/4	140		
	4	4/4	100		4	4/4	170		
	5	4/4	90		5	4/4	150		
	6	4/4	90		6	4/4	160		
	7	4/4	100		7	4/4	150		
	8	4/4	80		8	4/4	190		
	9	4/4	90		9	4/4	140		
	10	4/4	70		10	4/4	180		
9. LATIN	1	4/4	120	10. FUSION	1	4/4	70		
	2	4/4	100		2	4/4	110		
	3	4/4	120		3	3/4	130		
	4	4/4	110		4	5/4	150		
	5	4/4	90		5	7/8	120		

RHYTHM GENRE	PATTERN	TIME SIG	DEFAULT BPM	RHYTHM GENRE	PATTERN	TIME SIG	DEFAULT BPM
	6	4/4	110		6	7/8	120
	7	4/4	140		7	7/8	140
	8	4/4	120		8	9/8	130
	9	4/4	100		9	11/8	110
	10	4/4	100		10	11/8	130
11. METRONOME	1	4/4	120				
	2	2/4	120				
	3	3/4	120				
	4	5/4	120				
	5	6/8	120				
	6	7/8	120				
	7	9/8	120				
	8	10/8	120				
	9	11/8	120				
	10	12/8	120				

Editor Software

CIRCLE LOOPER supports import/export looper files and Factory Reset via editor software.

Download and install the editor software and audio drivers. Connect CIRCLE LOOPER with computer via USB to access the editor software control.

When connecting with computer, "USB connect" will be displayed on the screen. The CIRCLE LOOPER can be controlled by the software only. Buttons and footswitches will not respond in this mode.



Interface of editor software

Name

List on the left-hand side shows 40 save slots in MEMORY. Slot name in dark indicates the looper file and its duration.

Slot name in grey indicates empty slot.

Play

Click on ▶ to play the current looper file, click again to stop playing.

Import

Click on the 📁 to import the audio file from computer to current slot. If loop file already exists in current slot, you can choose to replace the previous file. (Audio file format should be MP3/WAV/FLAC/APE)

Export

Click on the 📁 to export loop file from current slot to computer. If current slot is empty, the icon will turn grey 📁 and cannot be clicked.

Delete

Click on the 🗑 icon to delete looper file in current slot. If the slot is empty, the icon will turn grey 🗑 and cannot be clicked.

MERGE

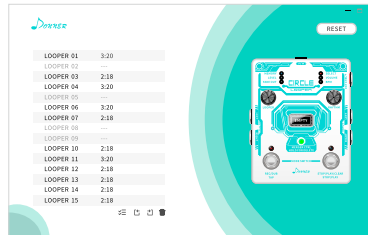
Click on the ☰ import/export more than one looper file simultaneously. Click on ☑All to select all 40 slots for import/export.

RESET

Click on [RESET] to reset CIRCLE LOOPER to factory settings.

Notice

1. The exported audio file from the LOOPER recording, without the RHYTHM sound.
2. Deleting a looper file from a slot will set the volume, BPM, rhythm type or other parameters of back to default settings.



LOOPER+RHYTHM

Algorithm	Maximum recording time of each track	4 minutes
	Maximum number of recording tracks in each slot	No limitation
Input	Input	
	Type	Two 1/4" unbalanced mono audio jacks
	Impedance	1Meg ohm
	Maximum Input Level	3 dBu
	A/D Conversion	
	Sampling Rate	44.1 kHz
	Sampling Accuracy	24 bit
	Dynamic	103 dB
Frequency	20Hz~20KHz +0 / -1 dB	
Output	Output	
	Type	Two 1/4" unbalanced mono audio jacks
	Impedance	470 ohm
	Maximum Output Level	3 dBu
	A/D Conversion	
	Dynamic	106 dB
	Frequency	20Hz~20KHz +0 / -1 dB
	USB	
	Type	Type-B Micro USB
	EXT CTRL	
	Type	1/4" TRS jack x 1
	Power Supply	DC 9V, 300mA ⊕ ⊖
	Dimension	99x121x56.5mm (W*D*H)
	Weight	0.391kg
Accessories	Owner's Manual USB cable	

