

This is a pdf copy of the R24/R8 PatternEditor online help

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A. Introduction

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Have you ever tried to play the Drums with just two fingers?
How about playing a Bassdrum pattern repeatedly without getting tired?
Well writing patterns for, and on something as small,
(but portable!) as the Zoom is not any easier.
The Pattern Editor will quickly become your most prized tool
as it allows the artist to set up and sample the results right
on the PC before even bothering to try to add a guitar or
vocal recording track to it.

Perfect upon implementation,
the patterns you come up with will be predictable and available
in an order of menu that you can understand and is particular to your design.
No more pattern positions taken up with parts you won't use.
No more confusing pattern titles that mean nothing to you.
This tool can change everything regarding pattern names,
arrangement and contents.
It also allows you to add instruments to the percussion menu and
remove others if you choose.
This is one of the rhythm management tools that you will be using quite
a lot of the time so read the instructions thoroughly and make yourself
familiar with every aspect of the Pattern Editing process to fully realize
your song writing potential.
With improvements and future options opening up all the time this will
be the workhorse tool for Zoom rhythm composition.

FAQ:

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How can I build my own Drum Patterns ?

- Click a field to trigger the instruments at this position
(You see a dark rectangle with a green border)
- Click again to deactivate it
- Press the '>' button to hear the pattern

What is the meaning of the "1...2...3...4" over the event field ?

- After the start of the PatternEditor one measure with a 4/4 beat is shown
- The red numbers mark the first beat of a measure
- The black numbers mark a beat
- The dots mark a 1/16
- Right after the start the shortest event is a 1/16

How to get more than one measure ?

- Click the menu "Pattern/Edit Pattern Field"
- The maximum number of measures is 12

How to create beats other than 4/4 ?

- Click the menu "Pattern/Edit Pattern Field "
 - You can select 1/4 to 8/4
 - The Zoom can't handle 6/8, please use 3/4
- Note: If you change the number of beats the event field will be cleared

How to get a higher resolution than 1/16 ?

- Click the menu "Pattern/Edit Pattern Field "
- Select 8, 24 or 48 divisions (parts per quarter note)

What is a division and what is the shortest event ?

- Division = 4 -> 4 events per 1/4 -> 1/16
- Division = 8 -> 8 events per 1/4 -> 1/32

- Division = 24 -> 24 events per 1/4 -> 1/96
- Division = 48 -> 48 events per 1/4 -> 1/192

How can I build my own Bass Patterns ?

R8 / R24 patterns are for drums only.

How can I use other drum instruments as the pre-defined ones ?

- After the start of the PatternEditor you get the most common drum instruments
- Select other drum instruments with the 'instruments field' left of the event field

Why are some drum instruments names in the 'instruments combo box' only numbers ?

- The numbers are the Midi Note Numbers for drum instruments
- The names are the names for the internal Zoom drum samples

How to prevent data loss ?

- Before you start to modify any .seq file make a backup copy.
- Use the 'Save As' feature to create a copy of the current .seq file

How can I listen to patterns in seq files ?

- Download a Zoom seq file e.g. from the Zoom homepage or copy one from your Zoom .seq files to your hard disk
- Use File/'Load Seq File' to select this .seq file
- Select the pattern you like with the combo box (above the event field)
- Click the menu File/'Import Pattern' or activate the auto checkbox
- Press the '>' button

How to change the playback speed?

- Use the combo box at the right of the play button '>'

I like to have a faster playback speed than 180 bpm

I like to have a lower playback speed than 60 bpm

How can I set the playback speed with a higher resolution (e.g. 124 bpm)

-The combo box has only the most important presets 60-180

-To get other speed settings just enter the speed you want (1..400) into the combo box

How to store a modified pattern ?

- Click the menu File/'Save'

- You can load the modified .seq file into the Zoom

How to store a new pattern ?

- Use File/'Load Seq File' to select a .seq file first

- Choose an existing pattern to override it or use an 'empty' pattern

- Click the menu File/'Save'

- You can load this file into the Zoom

How to copy a pattern ?

- Use File/'Load Seq File' to select the source .seq song file

- Select the pattern you like to copy with the combo box (above the event field)

- Click the menu Pattern/'Copy'

- Select the pattern you wish to replace

- Click the menu File/'Save'

How to copy a pattern from one song file to another ?

- Use File/'Load Seq File' to select the source .seq song file

- Select the pattern you like to copy with the combo box (above the event field)

- Click the menu File/'Import Pattern'

- Use File/'Load Seq File' to select the destination .seq song file

- Select the pattern you wish to replace

- Click the menu File/'Save'

Note: The 'Auto' feature must be disabled to do all this

How to change the pattern name ?

- Select the pattern you'd like to change
- Click the menu 'Pattern/Rename'
- Enter the new name

Note for best display on the Zoom use only upper case letters and numbers

How to add new patterns without changing the old patterns ?

- Override one of the 'empty' pattern
- The Zoom has up to 511 pattern in total in each seq file !

How to mute all drum instruments ?

- 'click' the 'Drums' button
- 'click' again to de-activate

How to mute one single drum instrument ?

- Click on the 'X' on the left side of the instrument
(an yellow 'X' will be shown after mute is activated)

How to mute one single drum event ?

- Click this event to mute it
- 'Middle click' this event to deactivate it with the same volume (if you deactivate it with a 'click' you set this event with the default volume)
(Use 'shift and click' if your have a mouse without a 'middle click')

Is there a solo function ?

- Yes, click on the 'S' left side of the instrument (an red 'S' will be shown after solo is activated)

How to change the Midi playback volume for all drum instruments ?

- 'Right Click' on the 'Drums' button.

- to decrease the volume click on the lower part of the button
- to increase the volume click on the upper part of the button (max=8)

Can I set the volume for one single event ?

- Yes, move the mouse to the event you'd like to change
- 'Right click'. A context menu will be visible 'Level (single)' (0..15)
- Click the volume you like (1=min volume, 8=max volume)

How to change the volume for one drum instrument (Event Volume) ?

- Hold the 'Ctrl' Key on your keyboard
- Move the mouse to the event you'd like to change
- 'Right click'. A context menu will be visible 'Level (all)' (1..8)
- Click the volume you like (1=min volume, 8=max volume)

What is the difference between the 'Event Volume' and the 'Midi playback volume' ?

- The 'Midi playback volume' will change nothing on your Zoom.
- The 'Event Volume' will be generated for the Zoom as well. This volume sets the volume for each instrument individually !

If I set a new event I always get the default volume 6, can I change it ?

- Yes, hold the 'Alt' or 'Shift' Key on your keyboard
- Move the mouse to the event you'd like to change
- 'Right click'. A context menu will be visible 'Level (new)' (1..8)
- Click the new default volume you like (1=min volume, 8=max volume)

I'd like to temporarily switch off one single drum event. After I switch it on I always get the default volume. Can this be changed ?

- Yes, use a 'middle click' to switch it on

Can I zoom the event field ?

- Yes, you can zoom using the zoom button

- Click the zoom button to make switch between zoom on/off
- 'Right click' to change the factor
- to get smaller events visible click on the lower part of the button (max 4 measures)
- to get a larger events click on the upper part of the button (min 0.25 measures)

C. Menu Entries

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File	-Load Seq File	Opens a .seq file into the editor
	-Load Instrument Definition	Opens a .ahi instrument Definition File (Hint: check the .pdf manual for more help)
	-Import pattern	Imports the selected pattern into editor (Hint: you need to open a seq file first see above)
	-Add pattern	The old pattern events will not be replaces but the new events will be added to the old ones (Hint: e.g. use this to add the bass line form one pattern to the drum events of another one)
	-Import Midi	Import Midifiles and translate them into Zoom patterns (Hint: check the .pdf manual for more help)
	-Save	Saves the new or modified pattern into the .seq file (Hint: you need to open a seq file first see above)
	-Save As	Saves the current .seq file to another .seq file (Hint: the new .seq file will be use then)
	-Exit	Terminates the editor
Pattern	-Edit pattern field	Opens the pattern dialog to make general pattern settings
	-Copy	Copies the current pattern to pattern selected next
	-Clear	Clears all events for of the pattern
	-Move	Moves all events one step (Hint: e.g. to insert another measure at the start of the pattern)
	-Rename	Rename the pattern Hint: use upper case letters and numbers for best display on the Zoom)
Midi	-Midi Device	Select the Midi device for pattern playback (Hint: this is for PC playback only. The Zoom has it's own sounds and may sound different later)
Windows	-Top	Click 'Top' to make the window the topmost window.

?-Help	The help file will be displayed (this help)
?-FAQ / Updates / Info	Jump to the Soundside.de supportpage
?-About	Information about the version of the PatternEditor

ContextMenu -Undo	undo the last step
-Cut	Cuts all marked events
-Copy	Stores all marked events (into internal memory)
-Paste	Copies all stored events (Hint: the current mouse position will be the destination)
-Clear	All events after the current mouse position will be cleared (Hint: only for the current instrument)
-Repeat	The events before the current mouse position will be repeated until the end of the pattern. (Hint: e.g. create the first measure only and use repeat to create the next 3 measures - this saves a lot of time. Make some small changes or use the 'natural' features (see below) to let your pattern sound more human.)
-Level	Change the level of the current drum or bass event (Hint: press 'Strg' to change all events of the current instrument, press 'Shift' set's the selected level as default level for new events)
-Relative Level	Changes all level values of one instrument relative to the initial value.
-Natural Level	Changes the level by random. For a more human feeling.
-Natural Timing	Changes the timing by random. For a more human feeling. (Hint: use this only in high resolution settings e.g. 48ppq)

(Hint: the context menu will be shown in case a right click is done above the event field)

D. Toolbar buttons

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Playback/Import setting

The '>' button starts and stops Midi playback

The speed combo box is for setting the playback speed

The 'Drums on/off' box has this functions:

- Click to toggle between drum playback on/off
- If 'Drums' is set to off then no drum events will be imported or added via the file menu
- Right click on the 'Drums' box to change the drum playback level
(click the upper part to increase the level or the lower part to decrease it)

Pattern import features

Auto: toggle between automatically importing a pattern after choosing the pattern or manually importing it.

Hint: You need the manual feature to copy one pattern into another file.

See the .pdf manual from the full version for more information

Add: same as the 'File-Add pattern' feature.

If unset than the 'File-Import pattern' feature will be used

Fit: Fit's the number of measures while importing a pattern.

Zoom and quantize features

Zoom box: A Click toggles between 'Displaying all events' or 'Displaying some measures only'.

A right click will change the number of measures (0,25 .. 4)

The quantize combo box can be changed to a value for easier entering of events.

e.g. if you select '1/4' then all the entered events will be forced to stay on the beginning of an beat only.

E. Get the latest news

Please check www.soundside.de for the latest news, upgrades, updates and other tools for your Zoom.

F. Version History

Changes in version in 1.0

Initial version

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