MC202 SEQUENCER CHEAT SHEET

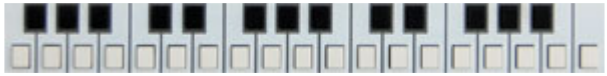
EDIT **PITCH**

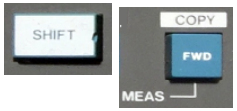
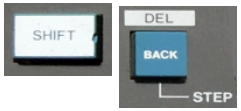
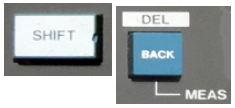
SCREEN DISPLAY

- = octave transpose (here: normal)
1 = channel number (1 or 2)



- = indicates white or black key (here: black key)
3 d = octave / note

Possibilities	*Take these steps*
Entering Notes	 Enter the notes one by one using the keyboard (or an external keyboard). Use the TRANSPOSE buttons to shift the internal keyboard. There are 2 possibilities when entering notes: 1. If the display shows "----" (=beyond last step, no more notes): A new note is *added* using STEP=24 (♪) and GATE=12 (non legato). 2. *If you already have entered notes* and the display shows the 'current' note: "**overwrite** mode" is "on", so the note will be overwritten. - the existing STEP and GATE times do not change, - when you release the key, the next note shows *(beware: all the notes with GATE=0 will be skipped!)*.
Inserting Measures 	Press [**BAR**] on the note where you want a new Measure to begin. - the new Measure number is shown to the right side of the display until you release the key. What this button actually does, is finish the previous Measure by setting the "End of Measure" property to the **previous** note. - the "End of Measure" property can only be erased by deleting the last one of the notes in a Measure - this note can easily be found, when you press [STEP BACK]. The double beep marks the note with an "End of Measure" property. Erase that note to get rid of the "End of Measure" property.

Copying Measures 	Press **[SHIFT] + [MEAS COPY]** to copy the **remainder** of the current Measure to the end of the sequence (including the current note). So make sure you're looking at the first note of a Measure. When you haven't set any Measures yet, the whole sequence, starting from the current note, will be copied. An "End of Measure" marker is automatically added to the end of both the original Measure and the copied Measure.
Deleting/Inserting Notes 	**Delete** the note displayed: **hold [SHIFT] and press [DEL STEP] + [ENTER]** [note : when the Note contains an "End of Measure" marker, the marker is also lost.] **Insert** notes (the currently displayed note shifts to the right): - **press [SHIFT] + [INS STEP]** *(insert mode is now "on")*, - **press the notes one by one** (STEP=24, GATE=12), - **press [ENTER]** to leave the "insert note" mode
Deleting Measures 	To delete all remaining notes of a Measure, including the currently displayed Note: - **hold [SHIFT], press [DEL MEAS] + [ENTER]** - to delete remaining Measures to the right: keep pressing [ENTER] - to stop deleting, **release [SHIFT]**
STEP FWD	*Beware:* rest notes (gate=0) are **skipped**, because the pitch of these notes have no meaning.
STEP BACK	The pitches of rest notes are shown AND played and can be edited.

EDIT **STEP**

SCREEN DISPLAY

1 = **channel** number (1 or 2)
2 = **GATE time** (here: 2 NON LEG)



24 = current note **STEP time**
PORTA and **ACCENT** on
(shown only in EDIT STEP)

Buttons	*Action*
GATE key [0..4] + [ENTER]	 +  Sets the default GATE time for a note, which will be used when you are going to edit the STEP TIME of that note. GATE times work as follows: GATE *key* / GATE *time* 0 REST / 0 1 STACC / 25% of current STEP time 2 NON LEG / 50% of current STEP time 3 LEGATO / 75% of current STEP time 4 TIE / same as STEP time Note : The display does **not** show the current note GATE time, because you can fine-tune the GATE time much more precise, than just one of the 5 fast GATE settings [0..4]. For the exact GATE times per STEP, see the page Step & gate length.
PORTA / ACC	 Toggle Portamento-from-previous-note on/off Toggle Accent on/off
STEP key + [ENTER] *or* [BAR]	 +  Enter course STEP and GATE time. - [ENTER] enters the selected STEP, the selected GATE above and proceeds to the next note. - [BAR] enters a **dotted** note (STEP and GATE length x 1,5) and proceeds to the next note.  Note : - you can *not* use a dotted 𝅝 - for the exact dotted times, again see the page Step & gate length. - 1 Bar in 4/4 containing four 48 STEP notes (𝅗𝅥) = 192 STEPS (p.42).

STEP AND GATE LENGTHS (FOR NOTES AND RESTS)

when entering notes using the [ENTER] button in STEP mode.

note length:	1	1/2	1/4	1/8	1/16	1/32	triplets			
note symbol:	𝅝	𝅗𝅥	♩	♪	𝅘𝅥𝅯	𝅘𝅥𝅰	♩ 3	♪ 3	𝅘𝅥𝅯 6	*panel buttons*
***STEP** value:*	192	96	48	**24**	12	6	32	16	8	> press [ENTER]
***GATE** value for:*										Note : text in Bold is the default setting.
- 0 **REST** (0%)	0	0	0	0	0	0	0	0	0	
- 1 **STACC** (25%)	48	24	12	6	3	1	8	4	2	
- 2 NON LEG (50%)	96	48	24	**12**	6	3	16	8	4	
- 3 **LEGATO** (75%)	144	72	36	18	9	4	24	12	6	
- 4 **TIE** (100%)	192	96	48	24	12	6	32	16	8	

REAL TIME RECORDING

Entering pitches in realtime to a metronome : The metronome always gives you *2 Measures* before the actual recording starts. Each Measure starts with a high note.

Playing live : play the internal or external keyboard in time with the metronome	**Tapping live :** enter the pitches first and then tap the timing to the metronome
go to EDIT PITCH	
	play the keyboard: - enter the notes at ease one by one - do not enter rest notes (the 202 does that for you)
arm realtime recording :	
- hold [SHIFT] + [REALTIME]	- hold [SHIFT] + [TAP]
- keep holding [SHIFT] : the display shows the time setting: "4" means 4/4 time (see below) - press **[START]** - release [SHIFT] : wait for 2 high pitches, and start playing on the 3rd high pitch	
- play the keyboard	- use the 2 blue [TAP] buttons
- press **[STOP]** when done (the MC-202 stops at the end of the current Measure)	

https://www.tinyloops.com/doc/roland_mc202/mode_play.html