

Programming file "Factory Reset" is MIDI file in SMF-0 form (alternatively, binary form SYX of the file can be used). The file contents command for setting of default values of parameters and instrument map in TR808-M interface internal memory.

USING OF PROGRAMMING FILE

For proper data loading from a file into internal memory of TR808-M interface, it is necessary:

1. Turn on TR-808 with embedded interface.
2. Interconnect MIDI input of TR-808 with MIDI output of a sequencer.
3. Turn TR-808 to MIDI mode - set SYNC switch to center position.
4. Open required programming file in the sequencer (in MID or SYX form).
5. Replay the file into the instrument.
6. After all data are transferred and stored in internal memory of interface, LED indicator under Start / Stop button blinks three times. Immediately after that, TR808-M returns back to normal MIDI mode and it is enable to receive next standard MIDI data.

CONTENT OF PROGRAMMING FILE

"Factory Reset" values of global parameters		
Parameter name	Setting	Parameter value [hex]
MIDI Channel	MIDI channel Nr. 10	09h
Default Program	Program Nr. 1	00h
MIDI Msg Indicator	Indicator turned off	00h
DAC Calibration	Amplitude 4 to 12 V	7Fh

"Factory Reset" program map				
Program Nr.	Control function			Remarks
	Sound generators launching	Tempo of sequencer	Start / Stop commands	
1	sequencer or MIDI notes	only internal	internal or MIDI cmd	¹⁾
2	sequencer or MIDI notes	only MIDI clock	internal or MIDI cmd	¹⁾
3	sequencer or MIDI notes	only internal	only internal	¹⁾
4	sequencer or MIDI notes	only MIDI clock	only internal	¹⁾
5	sequencer or MIDI notes	only internal	only MIDI commands	¹⁾
6	sequencer or MIDI notes	only MIDI clock	only MIDI commands	
7	sequencer	only internal	internal or MIDI cmd	¹⁾
8	sequencer	only MIDI clock	internal or MIDI cmd	¹⁾
9	sequencer	only internal	only internal	¹⁾ ²⁾
10	sequencer	only MIDI clock	only internal	¹⁾
11	sequencer	only internal	only MIDI commands	¹⁾
12	sequencer	only MIDI clock	only MIDI commands	
13	MIDI notes	sequencer disabled	none	³⁾
14	none	sequencer disabled	none	⁴⁾
15 to 128	no changes	no changes	no changes	⁵⁾

¹⁾ Internal means that TR-808 can be control by controllers on device's panel.
²⁾ MIDI interface disabled – TR-808 is controlled only by its own controllers.
³⁾ TR-808 works as MIDI sound expander. Its own controllers are disabled.
⁴⁾ Both TR-808 and MIDI interface are disabled.
⁵⁾ Ignored program numbers – no changes occur after their receiving.



"Factory Reset" instrument map											
Note Nr.		Assigned sound generator				Note Nr.		Assigned sound generator			
dec	hex	Nr.	Instrument name	Dynamics		dec	hex	Nr.	Instrument name	Dynamics	
				From	To					From	To
0	00	0	None	0	127	61	3D	4	Mid Tom / Mid Conga	0	127
1	01	0	None	0	127	62	3E	5	Hi Tom / Hi Conga	0	127
2	02	0	None	0	127	63	3F	4	Mid Tom / Mid Conga	0	127
3	03	0	None	0	127	64	40	5	Hi Tom / Hi Conga	0	127
4	04	0	None	0	127	65	41	0	None	0	127
5	05	0	None	0	127	66	42	0	None	0	127
6	06	0	None	0	127	67	43	0	None	0	127
7	07	0	None	0	127	68	44	0	None	0	127
8	08	0	None	0	127	69	45	7	Hand Clap / Maracas	0	96
9	09	0	None	0	127	70	46	7	Hand Clap / Maracas	0	127
10	0A	0	None	0	127	71	47	0	None	0	127
11	0B	0	None	0	127	72	48	0	None	0	127
12	0C	0	None	0	127	73	49	0	None	0	127
13	0D	0	None	0	127	74	4A	0	None	0	127
14	0E	0	None	0	127	75	4B	6	Rim Shot / Claves	0	127
15	0F	0	None	0	127	76	4C	0	None	0	127
16	10	0	None	0	127	77	4D	0	None	0	127
17	11	0	None	0	127	78	4E	0	None	0	127
18	12	0	None	0	127	79	4F	0	None	0	127
19	13	0	None	0	127	80	50	0	None	0	127
20	14	0	None	0	127	81	51	0	None	0	127
21	15	0	None	0	127	82	52	7	Hand Clap / Maracas	0	64
22	16	0	None	0	127	83	53	0	None	0	127
23	17	0	None	0	127	84	54	0	None	0	127
24	18	0	None	0	127	85	55	0	None	0	127
25	19	0	None	0	127	86	56	0	None	0	127
26	1A	0	None	0	127	87	57	0	None	0	127
27	1B	0	None	0	127	88	58	0	None	0	127
28	1C	0	None	0	127	89	59	0	None	0	127
29	1D	0	None	0	127	90	5A	0	None	0	127
30	1E	0	None	0	127	91	5B	0	None	0	127
31	1F	2	Snare Drum	0	64	92	5C	0	None	0	127
32	20	6	Rim Shot / Claves	0	64	93	5D	0	None	0	127
33	21	1	Bass Drum	0	64	94	5E	0	None	0	127
34	22	6	Rim Shot / Claves	0	127	95	5F	0	None	0	127
35	23	1	Bass Drum	0	127	96	60	0	None	0	127
36	24	1	Bass Drum	0	127	97	61	0	None	0	127
37	25	6	Rim Shot / Claves	0	127	98	62	0	None	0	127
38	26	2	Snare Drum	0	127	99	63	0	None	0	127
39	27	7	Hand Clap / Maracas	0	127	100	64	0	None	0	127
40	28	2	Snare Drum	0	127	101	65	0	None	0	127
41	29	3	Lo Tom / Lo Conga	0	127	102	66	0	None	0	127
42	2A	11	Closed Hi-Hat	0	127	103	67	0	None	0	127
43	2B	3	Lo Tom / Lo Conga	0	127	104	68	0	None	0	127
44	2C	10	Open Hi-Hat	0	127	105	69	0	None	0	127
45	2D	4	Mid Tom / Mid Conga	0	127	106	6A	0	None	0	127
46	2E	10	Open Hi-Hat	0	127	107	6B	0	None	0	127
47	2F	4	Mid Tom / Mid Conga	0	127	108	6C	0	None	0	127
48	30	5	Hi Tom / Hi Conga	0	127	109	6D	0	None	0	127
49	31	9	Cymbal	0	127	110	6E	0	None	0	127
50	32	5	Hi Tom / Hi Conga	0	127	111	6F	0	None	0	127
51	33	9	Cymbal	0	96	112	70	0	None	0	127
52	34	0	None	0	127	113	71	0	None	0	127
53	35	10	Open Hi-Hat	0	32	114	72	0	None	0	127
54	36	7	Hand Clap / Maracas	0	127	115	73	0	None	0	127
55	37	9	Cymbal	0	96	116	74	0	None	0	127
56	38	8	Cow Bell	0	127	117	75	0	None	0	127
57	39	9	Cymbal	0	127	118	76	0	None	0	127
58	3A	0	None	0	127	119	77	0	None	0	127
59	3B	9	Cymbal	0	96	120	78	0	None	0	127
60	3C	3	Lo Tom / Lo Conga	0	127						