



## CS-808 : Concept

CS-808 is far beyond the other TR-808 sample packs on the market. It's an extremely detailed drum array managed by multiple sample selectors built with Max for Live.

Sampling is absolutely the best way to digitally reproduce a specific setting of an hardware drum machine. And this is what we have done, very meticulously, beyond the classic sampling techniques.

Take for example the original TR-808 Bass Drum module, comprising of Accent, Tone and Decay parameters. If you split each parameter in 11 steps, for example from 0 to 10 as on the original hardware, you obtain 1331 possible combinations ( $11 \times 11 \times 11$ ).

And in fact, the CS-808 Bass Drum module is based on 1331 samples. So, when you select Accent, Tone or Decay in your CS-808 BD module, you are just loading and playing the sample related to that parameter combination of the original TR-808.

In addition to the original TR-808 parameters (Accent - Decay - Tone - Tuning - Snappy), the 16 drum instruments come also with 16 sound-specific Audio Effect Racks and with a set of extra features (Multi-Filter and Pitch Envelope sections) not present in the original TR-808 but very useful to radically shape the sounds.

Original TR-808 view



CS-808 Bass Drum





## CS-808 : Parameters



## TR-808 Original Parameters

|        |   |
|--------|---|
| ACCENT | ALL Modules                             |
| TONE   | Bass Drum - Snare Drum - Cymbal         |
| TUNING | Toms (Low-Mid-Hi) - Congas (Low-Mid-Hi) |
| SNAPPY | Snare Drum                              |
| DECAY  | Bass Drum - Cymbal - Open HiHat         |

## Extra Parameters (automatable)

|          |  |
|----------|--|
| DURATION | This sets the global length of the sound **  |
| LEVEL    | This is the global volume parameter **   |
| VOL-VEL  | How much influence MIDI note velocity will have on global volume **                            |
| NORMAL   | This brings the peak amplitude of the maximum available headroom                               |
| PITCH    | Global transpose amount, indicated in semitones **   |
| DEPTH    | This sets the intensity of the pitch envelope. Non-zero values activate Decay and Slope **     |
| DECAY    | Adjust the decay length of the pitch envelope. Active with Depth greater than zero **          |
| SLOPE    | This sets the shape of the Decay envelope. Positive and negative values create steep curves ** |
| FILTER   | This switch turns the Filter on or off   |
| TYPE     | Select between Lowpass, Highpass, Bandstop and Bandpass filters **                             |
| CUTOFF   | This sets the cutoff frequency of Filter **  |
| RESON    | This sets the resonance or bandwidth around the filter's cutoff frequency **                   |

\*\* Automapped to PUSH





## CS-808 : Module List

### BASS DRUM (1331 Samples)

**CS-808 BD2**

Accent: 10, Tone: 10, Duration: 2.00 s

**CS-808 BD1**

Accent: 10, Tone: 10, Decay: 5

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter

### SNARE DRUM (1331 Samples)

**CS-808 SD2**

Accent: 10, Tone: 5, Duration: 2.00 s

**CS-808 SD1**

Accent: 10, Tone: 5, Snappy: 5

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter

### CYMBAL (1331 Samples)

**CS-808 CY2**

Accent: 5, Tone: 10, Duration: 2.00 s

**CS-808 CY1**

Accent: 5, Tone: 10, Decay: 0

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter

### OPEN HIHAT (121 Samples)

**CS-808 OH2**

Accent: 10, Duration: 2.00 s

**CS-808 OH1**

Accent: 10, Decay: 5

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter

### MID CONGA (121 Samples)

**CS-808 MC**

Accent: 10, Tuning: 5, Duration: 2.00 s

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter

### MID TOM (121 Samples)

**CS-808 MT**

Accent: 10, Tuning: 5, Duration: 2.00 s

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter

### HI CONGA (121 Samples)

**CS-808 HC**

Accent: 10, Tuning: 5, Duration: 2.00 s

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter

### HI TOM (121 Samples)

**CS-808 HT**

Accent: 10, Tuning: 5, Duration: 2.00 s

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter

### CLAVE (11 Samples)

**CS-808 CL**

Accent: 5, Duration: 2.00 s

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter

### RIMSHOT (11 Samples)

**CS-808 RS**

Accent: 5, Duration: 2.00 s

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter

### MARACAS (11 Samples)

**CS-808 MA**

Accent: 5, Duration: 2.00 s

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter

### HAND CLAP (11 Samples)

**CS-808 CP**

Accent: 5, Duration: 2.00 s

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter

### COWBELL (11 Samples)

**CS-808 CB**

Accent: 5, Duration: 2.00 s

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter

### LOW CONGA (121 Samples)

**CS-808 LC**

Accent: 10, Tuning: 5, Duration: 2.00 s

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter

### LOW TOM (121 Samples)

**CS-808 LT**

Accent: 10, Tuning: 5, Duration: 2.00 s

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter

### CLOSED HIHAT (11 Samples)

**CS-808 CH**

Accent: 10, Duration: 2.00 s

Level: -11.50, Vol/Vel: 50%, Normal

Pitch: 0.00 st, Depth: 0, Decay: 127, Slope: -50

Type: LP, Cutoff: 22.0 kHz, Reson: 0.30

Filter



## CS-808 : Effect List

### BASS DRUM

CS-808 Fx BD

|         |      |          |               |
|---------|------|----------|---------------|
| Distort | Tone | Solidity | Effect Amount |
| 98      | 0.51 | 60       | 59.8 %        |
|         |      |          | Volume        |
| 0       | 0    | 0        | 0.0 dB        |

### SNARE DRUM

CS-808 Fx SD

|      |          |        |        |
|------|----------|--------|--------|
| Glue | Saturate | Gatube | Shape  |
| 46 % | 28       | 110    | 52     |
|      |          |        | Volume |
| 0    | 0        | 0      | 0.0 dB |

### LOW CONGA

CS-808 Fx LC

|      |         |          |        |
|------|---------|----------|--------|
| Glue | Digital | Lo-Shift | Shape  |
| 57 % | 23      | -1.14 Hz | 45     |
|      |         |          | Volume |
| 0    | 0       | 0        | 0.0 dB |

### LOW TOM

CS-808 Fx LT

|       |      |       |        |
|-------|------|-------|--------|
| Glue  | Tube | Power | Noise  |
| 0.0 % | 88   | 55    | 98     |
|       |      |       | Volume |
| 0     | 0    | 0     | 0.0 dB |

### MID CONGA

CS-808 Fx MC

|      |        |          |        |
|------|--------|----------|--------|
| Ring | Bottom | Material | Shape  |
| 4    | 0.00 % | 42.7     | 35 %   |
|      |        |          | Volume |
| 0    | 0      | 0        | 0.0 dB |

### MID TOM

CS-808 Fx MT

|       |         |          |        |
|-------|---------|----------|--------|
| Drive | Flange  | Interfer | Tube   |
| 0.42  | 0.10 ms | 50 %     | 70     |
|       |         |          | Volume |
| 0     | 0       | 0        | 0.0 dB |

### HI CONGA

CS-808 Fx HC

|       |         |         |        |
|-------|---------|---------|--------|
| Glue  | Digital | P-Shift | Shape  |
| 0.0 % | 37      | -189 Hz | 79     |
|       |         |         | Volume |
| 0     | 0       | 0       | 0.0 dB |

### HI TOM

CS-808 Fx HT

|       |         |          |        |
|-------|---------|----------|--------|
| Glue  | Digital | P-Shift  | Shape  |
| 100 % | 47      | -25.9 Hz | 61     |
|       |         |          | Volume |
| 0     | 0       | 0        | 0.0 dB |

### CLAVE

CS-808 Fx CL

|        |          |       |         |
|--------|----------|-------|---------|
| Bottom | Erosion  | Shift | Exciter |
| 72     | 4.65 kHz | 114   | 127     |
|        |          |       | Volume  |
| 0      | 0        | 0     | 0.0 dB  |

### RIMSHOT

CS-808 Fx RS

|          |       |       |             |
|----------|-------|-------|-------------|
| Erosion  | Shape | Shift | Shift Decay |
| 1.02 kHz | 70    | 46    | 37          |
|          |       |       | Volume      |
| 0        | 0     | 0     | 0.0 dB      |

### MARACAS

CS-808 Fx MA

|      |         |       |             |
|------|---------|-------|-------------|
| Glue | Degrade | Shift | Shift Decay |
| 54 % | 31      | 77    | 76          |
|      |         |       | Volume      |
| 0    | 0       | 0     | 0.0 dB      |

### HAND CLAP

CS-808 Fx CP

|      |      |         |           |
|------|------|---------|-----------|
| Glue | Body | Exciter | Transient |
| 46 % | 31   | 45      | 78        |
|      |      |         | Volume    |
| 0    | 0    | 0       | 0.0 dB    |

### COWBELL

CS-808 Fx CB

|      |        |         |        |
|------|--------|---------|--------|
| Glue | Sticky | Exciter |        |
| 45 % | 50     | 70      | 0      |
|      |        |         | Volume |
| 0    | 0      | 0       | 0.0 dB |

### CYMBAL

CS-808 Fx CY

|      |       |      |        |
|------|-------|------|--------|
| Glue | Metal | Comb | Bottom |
| 32 % | 48    | 79   | 65     |
|      |       |      | Volume |
| 0    | 0     | 0    | 0.0 dB |

### OPEN HIHAT

CS-808 Fx OH

|      |      |        |         |
|------|------|--------|---------|
| Glue | Body | Gatube | Tone    |
| 54 % | 29.4 | 54 %   | 0.00 dB |
|      |      |        | Volume  |
| 0    | 0    | 0      | 0.0 dB  |

### CLOSED HIHAT

CS-808 Fx CH

|       |           |       |        |
|-------|-----------|-------|--------|
| Glue  | Granulize | Shift | Drive  |
| 0.0 % | 71        | 127   | 94     |
|       |           |       | Volume |
| 0     | 0         | 0     | 0.0 dB |