

# LIVEN Lofi-6 MIDI implementation chart

| Function       |          | Transmitted    | Recognized     | Remarks            |
|----------------|----------|----------------|----------------|--------------------|
| Basic channel  | Default  | 1 - 16         | 1 - 16         | ※ Stored in memory |
|                | Changed  | 1 - 16         | 1 - 16         |                    |
| Mode           | Default  | ×              | Mode 3         |                    |
|                | Messages | ×              | ×              |                    |
|                | Altered  | *****          |                |                    |
| Note numbers   | Range    | 17 - 115       | 0 - 127        |                    |
|                |          | *****          | 0 - 127        |                    |
| Velocity       | Note-On  | ○, 9n, 1 - 127 | ○, 9n, 1 - 127 |                    |
|                | Note-Off | ×              | ×              |                    |
| After Touch    | Poly     | ×              | ×              |                    |
|                | Channel  | ×              | ×              |                    |
| Pitch Bend     |          | ×              | ○              |                    |
| Control Change | 5        | ○              | ○              | SYNTH              |
|                | 20       | ○              | ○              | FX TYPE            |
|                | 21       | ○              | ○              | FX SPEED           |
|                | 22       | ○              | ○              | FX AMOUNT          |
|                | 23       | ○              | ○              | TUBE               |
|                | 24       | ○              | ○              | PTN LEVEL          |
|                | 25       | ○              | ○              | SEQ MODE           |
|                | 26       | ○              | ○              | BANK               |
|                | 27       | ○              | ○              | SAMPLE             |
|                | 28       | ○              | ○              | OCTAVE             |
|                | 29       | ○              | ○              | START              |
|                | 30       | ○              | ○              | LAID-BACK          |
|                | 31       | ○              | ○              | PITCH              |
|                | 32       | ○              | ○              | → REVERB           |
|                | 33       | ○              | ○              | REVERB TYPE        |
|                | 34       | ○              | ○              | REVERB MIX         |
|                | 35       | ○              | ○              | LINE IN → REVERB   |
|                | 36       | ○              | ○              | FILTER TYPE        |
|                | 37       | ○              | ○              | FILTER CUTOFF      |
|                | 38       | ○              | ○              | FILTER RESO        |
|                | 39       | ○              | ○              | FILTER ENV DEPTH   |
|                | 40       | ○              | ○              | FILTER ENV TIME    |
|                | 41       | ○              | ○              | LFO SHARE          |
|                | 42       | ○              | ○              | LFO DELAY          |
|                | 43       | ○              | ○              | LFO RATE           |
|                | 44       | ○              | ○              | LFO PITCH          |
|                | 45       | ○              | ○              | LFO FILTER DEPTH   |
|                | 46       | ○              | ○              | RELEASE & GATE     |
|                | 47       | ○              | ○              | DICE               |
|                | 48       | ○              | ○              | SWING              |
|                | 49       | ○              | ○              | ATTACK             |
| 50             | ○        | ○              | SWEEP          |                    |
| 51             | ○        | ○              | SWEEP SPEED    |                    |
| 52             | ○        | ○              | SWEEP RANGE    |                    |
| 53             | ○        | ○              | SWEEP CURVE    |                    |
| 54             | ○        | ○              | VOICE MODE     |                    |
| 55             | ○        | ○              | VOICE ADJ      |                    |

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| Function          |                       | Transmitted | Recognized | Remarks  |
|-------------------|-----------------------|-------------|------------|--|
| Control<br>Change | 56                    | ○           | ○          | TRANSPOSE<br>RANDOM STEP<br>PRM LOCK<br>TRACK LEVEL<br>TRACK PAN<br>TRACK MUTE |
|                   | 57                    | ○           | ○          |  |
|                   | 58                    | ○           | ○          |  |
|                   | 59                    | ○           | ○          |  |
|                   | 60                    | ○           | ○          |  |
|                   | 61                    | ○           | ○          |  |
| Program<br>Change | Settable range        | ○           | 0 -63      |  |
| System exclusive  |                       | ○           | ○          |  |
| System Common     | Song position         | ×           | ○          |  |
|                   | Song select           | ×           | 0 -63      |  |
|                   | Tune                  | ×           | ×          |  |
| Real Time         | Clock                 | ○           | ○          | ※ Receive only when clock<br>source is MIDI                                    |
|                   | Command               | ○           | ○          |  |
| Other             | All Sound Off         | ×           | ×          |  |
|                   | Reset All Controllers | ×           | ×          |  |
|                   | Local Control On/Off  | ×           | ×          |  |
|                   | All Notes Off         | ×           | ×          |  |
|                   | Omni Mode Off         | ×           | ×          |  |
|                   | Omni Mode On          | ×           | ×          |  |
|                   | Mono Mode On          | ×           | ×          |  |
|                   | Mono Mode Off         | ×           | ×          |  |
|                   | Active Sensing        | ○           | ○          |  |
|                   | Reset                 | ×           | ×          |  |

Mode 1 : Omni-On, Poly; Mode 2 : Omni-On, Mono; Mode 3 : Omni-Off, Poly; Mode 4 : Omni-Off, Mono  
 ○ : Yes × : No