Metamorf preset 5 - LinFM Delay MIDI

## Description

Filter 1 fixed oscillation carrier, freq by LCC1, LinFM index by LCC3

Filter 2 fixed oscillation modulator lin FM, freq by LCC2

Filter 3 LP, cutoff by LCC4, Q by LCC5

Filter 4 HP, cutoff by LCC4, Q by LCC4

Filter 3 and 4 to Mix1 : morph LP/HP by LCC6

Filter 5 Delay to Mix2, delay time by LCC7

Filter 1 output and filter 3 & 4 input are attenuated to avoid clipping

Mix 1 limiting off

| Frequency | F1 | F2 | F3 | F4 | F5 | F6 |
| --- | --- | --- | --- | --- | --- | --- |
| Pitch Mode | **Fixed** | **Fixed** | Ratio | Ratio | Ratio | Ratio |
| Ratio | **0 ST** | **0 ST** | 1.000x | 1.000x | 1.000x | 1.000x |
| Quantise | Off | Off | Off | Off | Off | Off |
| Midi Chan. | **1** | **1** | **1** | **1** | **1** | **1** |
| PB Range | 0 ST | 0 ST | 0 ST | 0 ST | 0 ST | 0 ST |

| Routing | F1 | F2 | F3 | F4 | F5 | F6 |
| --- | --- | --- | --- | --- | --- | --- |
| S1 input | **Off** | **Off** | **VCF1** | **VCF1** | **VCF3** | S1 |
| S1 level | 100 | 100 | **60** | **60** | 100 | 100 |
| S2 input | Off | Off | Off | Off | Off | Off |
| S2 level ctrl | Off | Off | Off | Off | Off | Off |
| S2 MaxLvl | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| S2 MinLvl | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Input Limit | Max | Max | Max | Max | Max | Max |
| Ping Input | Off | Off | Off | Off | Off | Off |
| Ping State | Positive | Positive | Positive | Positive | Positive | Positive |
| Filter Mode | LP | LP | LP | **HP** | LP | LP |

| Detune | F1 | F2 | F3 | F4 | F5 | F6 |
| --- | --- | --- | --- | --- | --- | --- |
| Detune Quantise | Off | Off | Off | Off | Off | Off |
| Detune Amount | 0ct | 0ct | 0ct | 0ct | 0ct | 0ct |
| Fine Hz Amount | 0.0Hz | 0.0Hz | 0.0Hz | 0.0Hz | 0.0Hz | 0.0Hz |

| FM | F1 | F2 | F3 | F4 | F5 | F6 |
| --- | --- | --- | --- | --- | --- | --- |
| E Source1 | **LCC1** | **LCC2** | **LCC4** | Off | Off | Off |
| E Depth1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| E Source 2 | Off | Off | Off | Off | Off | Off |
| E DpthCtl2 | Off | Off | Off | Off | Off | Off |
| E MaxDep2 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| E MinDep2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| L Source1 | Off | Off | Off | Off | Off | Off |
| L Depth1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| L Source2 | **VCF2** | Off | Off | Off | Off | Off |
| L DpthCtl2 | **LCC3** | Off | Off | Off | Off | Off |
| L MaxDep2 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| L MinDep2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| QM/Delay | F1 | F2 | F3 | F4 | F5 | F6 |
| --- | --- | --- | --- | --- | --- | --- |
| Initial | **1000** | **1000** | 60 | 60 | **6.0 ms** | 60 |
| Source1 | Q | Q | **LCC5** | **LCC5** | **LCC7** | Q |
| Depth 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| Source 2 | Off | Off | Off | Off | Off | Off |
| DpthCtl2 | Off | Off | Off | Off | Off | Off |
| MaxDep2 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| MinDep2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| AM | F1 | F2 | F3 | F4 | F5 | F6 |
| --- | --- | --- | --- | --- | --- | --- |
| Source1 | Off | Off | **LCC6** | **LCC6** | Off | Off |
| Depth 1 | 1.000 | 1.000 | **-1.000** | 1.000 | 1.000 | 1.000 |
| Bias | **0.600** | 1.000 | 1.000 | **0.000** | 1.000 | 1.000 |
| Source 2 | Off | Off | Off | Off | Off | Off |
| DpthCtl2 | Off | Off | Off | Off | Off | Off |
| MaxDep2 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| MinDep2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| M1 | 1 | 2 | 3 | 4 | 5 | 6 |
| --- | --- | --- | --- | --- | --- | --- |
| Input | **VCF3** | **VCF4** | Off | Off | Off | Off |
| Level | 100 | **100** | 0 | 0 | 0 | 0 |

Clipping Hard

Limiting **Off**

| M2 | 1 | 2 | 3 | 4 | 5 | 6 |
| --- | --- | --- | --- | --- | --- | --- |
| Input | **VCF5** | Off | Off | Off | Off | Off |
| Level | 100 | 0 | 0 | 0 | 0 | 0 |

Clipping Hard

Limiting Min.