## HAWK 800

### P1

| DCO1 & DCO2 | | Tune, Noise, MK2FX | | VCF & Chorus | | EGs | | Velocity Sense | | Velocity Targets | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11/21 | Octave | 31 | DCO2 Interval | 41 | Cutoff | 51 | Attack | 81 | Op1 Intensity | 1 | EG1 Attack |
| 12/22 | Waveform | 32 | DCO2 Detune | 42 | Key Track | 52 | Decay | 82 | Op1 Invert | 2 | EG1 Decay |
| 13/23 | Harmonics | 33 | Noise Level | 43 | EG3 Polarity | 53 | Break Point | 83 | Op1 Target | 3 | EG1 Sustain |
| 14/24 | Mod Wave | 34 | *Delay Time | 44 | EG3 Intensity | 54 | Slope | 84 | Op2 Intensity | 4 | EG1 Release |
| 15/25 | Mod Source | 35 | *Delay Feedback | 45 | EG3 Trigger | 55 | Sustain | 85 | Op2 Invert | 5 | EG2 Attack |
| 16/26 | Mod Depth | 36 | *Delay Mod Freq | 46 | *Bass | 56 | Release | 86 | Op2 Target | 6-8 | EG2 D, S, R |
| 17/27 | Volume | 37 | *Delay Mod Depth | 47 | *Treble | 61~ | EG2 | 87 | VCF Intensity | 9 | EG3 Attack |
| 18/28 | Single/Double | 38 | *Delay Level | 48 | Chorus | 71~ | EG3 | 88 | VCF Shape | 10-1 | EG3 D, S, R |

### P2

| LFO1 & LFO2 | | DCO Modulation | | VCF Modulation | | Resonance Modulation | | FM800 Modulation | | SLFO, RSH, Pedal | | Tremolo & Other | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11/21 | Frequency | 31 | Waveform | 41 | LFO Waveform 1 | 51 | Resonance Set | 61 | Set Point | 71 | 3 Freq | 81 | Trem DCO1 Source |
| 12/22 | Delay Timer | 32 | Mod Source | 42 | LFO Source 1 | 52 | LFO Waveform | 62 | LFO Waveform | 72 | 3 PWM | 82 | Trem DCO1 Depth |
| 13/23 | Free Running | 33 | Mod Depth | 43 | LFO Mod Depth 1 | 53 | LFO Mod Source | 63 | LFO Mod Source | 73 | 3 Free Run | 83 | Trem DCO2 Source |
| 14/24 | Timer INvert | 34 | - | 44 | LFO Waveform 2 | 54 | LFO Mod Depth | 64 | LFO Mod Depth | 74 | 1/4 Note RSH | 84 | Trem DCO2 Depth |
| 15/25 | PWM Phase | 35 | DCO EG3 Invert | 45 | LFO Source 2 | 55 | - | 65 | - | 75 | 4 Freq | 85 | Bend Depth |
| 16/26 | Mod Waveform | 36 | DCO EG3 Depth | 46 | LFO Mod Depth 2 | 56 | EG3 Depth | 66 | EG3 Depth | 76 | 4 PWM | 86 | Portamento Rate |
| 17/27 | Mod Depth | 37 | - | 47 | - | 57 | EG3 Invert | 67 | EG3 Invert | 77 | 4 Free Run | 87 | - |
| 28 | MIDI/Seq Freq | 38 | DCO Mod Mode | 48 | 12/24db | 58 | Aggressive Mode | 68 | FM800 Mode | 78 | Sus Ped Offset | 88 | Poly Mode |

### DCO Harmonics

| | |
|---|---|
| 1 | 16' |
| 2 | 8' |
| 3 | 4' |
| 4 | 2' |
| 5 | 16' + 8' |
| 6 | 16' + 4' |
| 7 | 16' + 2' |
| 8 | 8' + 4' |
| 9 | 8' + 2' |
| 10 | 4' + 2' |
| 11 | 16' + 8' + 4' |
| 12 | 16' + 8' + 2' |
| 13 | 16' + 4' + 2' |
| 14 | 8' + 4' + 2' |
| 15 | All On |
| 16 | All Off |

### LFO Waveforms

| | |
|---|---|
| 1 | Triangle |
| 2 | Inverted Triangle |
| 3 | Sawtooth |
| 4 | Inverted Sawtooth |
| 5 | Sine |
| 6 | Inverted Sine |
| 7 | PWM |
| 8 | Inverted PWM |
| 9 | LFO RSH |
| 10 | 1/4 Clock RSH |
| 11 | Seq Loop RSH |
| 12 | EG3 |
| 13 | Inverted EG3 |