## LINE 6 <br> E L I >< COMPARISON CHART

## HELI><LT

HELI>< FLOOR
HELI><RACK/CONTROL

## HARDWARE

DSP Processor(s)
A/D converters
D/A converters
Chassis
Treadle
Side panels
Main display
Footswitch "scribble strip" LCDs
Capacitive touch circuitry per footswitch
Power supply
Dimensions
Weight

## 2x SHARC ADSP-21469 @ 450 MHz <br> 2x SHARC ADSP-21469 @ 450 MHz

2x SHARC ADSP-21469 @ 450 MHz
Cirrus-Logic CS5368 (8 ch, 24-bit/192kHz) Cirrus-Logic CS5368 (8 ch, 24-bit/192kHz) Cirrus-Logic CS5368 (8 ch, 24-bit/192kHz) Cirrus-Logic CS4385 (8 ch, 24-bit/192kHz) Cirrus-Logic CS4385 (8 ch, 24-bit/192kHz) Cirrus-Logic CS4385 (8 ch, 24-bit/192kHz)
Bent steel
Bent steel

Bent steel with impact-resistant plastic/ overmolded non-slip rubber
$6.2^{\prime \prime}$ diag. $800 \times 480$-pixel color LCD

- (Assignments appear as new Performance View on LCD)

Internal AC (IEC connector)
$20.86 \times 11.87 \times 3.61$ inches
12.0 lbs

Solid extruded aluminum
Cast aluminum
Cast aluminum
6.2 " diag. $800 \times 480$-pixel color LCD
$\boldsymbol{v} 13 \times(128 \times 32$-pixel $)$

Internal AC (IEC connector)
$22.05 \times 11.87 \times 3.61$ inches
14.6 lbs

Rack: Extruded aluminum and bent steel Control: bent stee

Control: bent steel with impact-resistant plastic/overmolded non-slip rubber

Rack: 6.2" diag. $800 \times 480-$ pixel color LCD Control: 20-character LCD
$\boldsymbol{\nu} 13 \times(128 \times 32$-pixel $)$

Rack: Internal AC (IEC connector) Control: DC In for future use (TBD)

Rack: $19 \times 5.25 \times 9.5$ inches Control: $17.2 \times 2.5 \times 9.4$ inches Rack: 9.3 lbs Control: 7.2 lbs

INS AND OUTS
Guitar In - Variable impedance
Guitar $\ln -123 \mathrm{~dB}$ dynamic range
XLR Mic Preamp
Variax input
1/4" Outputs
XLR Outputs
Guitar Thru Out (Buffered)
FX Loop(s)
Additional Guitar/Bass inputs Additional Line inputs

Expression pedal in

External Amp Control outs
CV (Control Voltage)/Expression ou MIDI In, Out/Thru

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| :---: | :---: | :---: | :---: |
| S/PDIF digital | - (L6 LINK \| AES/EBU can act as S/PDIF out with adapter) | In, Out | In, Out |
| L6 LINK output | $\checkmark$ Shared with AES/EBU out | $\checkmark$ Shared with AES/EBU out | $\checkmark$ Shared with AES/EBU out |
| AES/EBU | $\boldsymbol{\sim}$ Out (shared with L6 LINK out) | $\checkmark$ Out (shared with L6 LINK out) | $\checkmark$ In, Out (shared with L6 LINK out) |
| BNC Wordclock In | - | - | $\checkmark$ With terminator switch |
| USB Audio Interface | 8-in, 8-out | 8-in, 8-out | 8-in, 8-out |
| MIDI over USB | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Class-compliant audio | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| iPhone/iPad recording and playback | $\nu$ | $\checkmark$ | $\checkmark$ |
| PRESETS/SETLISTS |  |  |  |
| Number of preset locations | 1,024 (8 setlists $\times 128$ presets) | 1,024 (8 setlists $\times 128$ presets) | 1,024 (8 setlists $\times 128$ presets) |
| PROCESSING |  |  |  |
| Number of processing block locations | Up to 32 (freely assignable, DSP permitting) | Up to 32 (freely assignable, DSP permitting) | Up to 32 (freely assignable, DSP permitting) |
| Discrete stereo paths (input to output) | Up to 4 | Up to 4 | Up to 4 |
| Guitar amp models | 50 | 50 | 50 |
| Bass amp models | 12 | 12 | 12 |
| Cabs | 37 | 37 | 37 |
| Mics | 16 | 16 | 16 |
| Effects | 104 | 104 | 104 |
| User or third-party IRs (Impulse Responses) | $\checkmark 128 x 1024$ or 2048-point mono | $\checkmark 128 x 1024$ or 2048-point mono | $\checkmark 128 x 1024$ or 2048-point mono |
| Simultaneous Amp+Cab, Amp, or Preamp blocks | Up to 4 (2 on each path), DSP permitting | Up to 4 (2 on each path), DSP permitting | Up to 4 (2 on each path), DSP permitting |
| Simultaneous Cab blocks | Up to 4 (2 on each path), DSP permitting | Up to 4 (2 on each path), DSP permitting | Up to 4 (2 on each path), DSP permitting |
| Simultaneous Impulse Response blocks | Up to 4 1024-point (2 on each path) or up to 2 2048-point (1 on each path), DSP permitting | Up to 4 1024-point (2 on each path) or up to 2 2048-point (1 on each path), DSP permitting | Up to 4 1024-point (2 on each path) or up to 2 2048-point (1 on each path), DSP permitting |
| Dual Cab blocks | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Input gate | $\checkmark 4$ (one per Input block) | $\checkmark 4$ (one per Input block) | $\checkmark 4$ (one per Input block) |
| A/B or Crossover into parallel path | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Reverb, Delay, FX Loop bypass trails | Per block | Per block | Per block |
| Looper memory | 120 sec mono, 60 sec stereo (1/2-speed) | 120 sec mono, 60 sec stereo (1/2-speed) | 120 sec mono, 60 sec stereo (1/2-speed) |
| Global EQ | $\checkmark 3$ fully parametric bands + high and low cut filters with assignable outputs | $\checkmark 3$ fully parametric bands + high and low cut filters with assignable outputs | $\checkmark 3$ fully parametric bands + high and low cut filters with assignable outputs |
| FOOTSWITCHES |  |  |  |
| Number of footswitches | $12+$ EXP Toe | $12+$ EXP Toe | 12 (EXP Toe via 1/4" jack) |
| Instant block/item selection (briefly touch switch) | $\checkmark$ | $\checkmark$ | $\checkmark$ |


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| Footswitch Quick Assign (touch switch for 2 seconds) | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Swap all footswitch assignments | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Custom labeling of Stomp footswitches | $\checkmark$ Performance View only | $\checkmark$ | $\checkmark$ |
| Custom color assignment of switch <br> LEDs | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Per-snapshot memory of all block states | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Copy/paste/rename snapshots | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Footswitch Types | Latching, Momentary | Latching, Momentary | Latching, Momentary |
| Up/Down switches (Hold both to cycle type) | Bank Queue, Preset Up/Down, Snapshot Up/Down | Bank Queue, Preset Up/Down, Snapshot Up/Down | Bank Queue, Preset Up/Down, Snapshot Up/Down |
| Maximum number of preset switches | 8 | 8 | 8 |
| Maximum number of stomp switches | $8+$ EXP Toe | 10 + EXP Toe | 10 + EXP Toe |
| Maximum number of snapshot switches | 8 | 8 | 8 |
| Pedal Edit mode (edit tones with your feet while playing) | $\checkmark$ Performance View only | $\checkmark$ | $\checkmark$ |
| Pedal Edit block select view | 8 blocks | 10 blocks | 10 blocks |
| CONTROLLERS |  |  |  |
| Number of controllers | 108 (14 + 94 via MIDI CC) | 109 (15 + 94 via MIDI CC) | 109 (15 + 94 via MIDI CC) |
| Controller Quick Assign (press knob for 2 seconds) | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Learn controller | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Max \# of assignments per preset | 64 | 64 | 64 |
| Max \# of assignments per controller | 64 | 64 | 64 |
| Min/max range per parameter (including reverse) | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Adjust parameters per snapshot | $\checkmark 64$ | $\checkmark 64$ | $\checkmark 64$ |
| Footswitch as controller (toggle min/ max values) | $\checkmark 8$ per footswitch | $\checkmark 8$ per footswitch | $\checkmark 8$ per footswitch |
| Variax volume/tone knobs as controllers | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Incoming MIDI CC as block bypass | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Incoming MIDI CC messages as controller | 94 (excludes CCs reserved for global functions) | $\checkmark 94$ (excludes CCs reserved for global functions) | $\checkmark 94$ (excludes CCs reserved for global functions) |
| COMMAND CENTER |  |  |  |
| Instant commands on preset load | $\checkmark 6$ per preset | $\checkmark 6$ per preset | $\checkmark 6$ per preset |
| MIDI Bank/Program Change | MSB, LSB, and/or PC | MSB, LSB, and/or PC | MSB, LSB, and/or PC |
| MIDI CC | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| MIDI CC Toggle | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| MIDI notes | $\checkmark$ Momentary or latching | $\checkmark$ Momentary or latching | $\checkmark$ Momentary or latching |



