

Specifications

| Models | | CELVIANO | | |
|----------------------------|---|--|---|--|
| | | AP-620 | AP-420 | AP-220 |
| Keyboard | Matte Finish | 88 keys, Tri-sensor Scaled Hammer Action, Touch Response | | |
| | | Yes | | No |
| Sound Source | Linear Morphing AIF ^{*1} , maximum polyphony of 128 notes | | | |
| Key Transpose | -12 semitones to 0 to +12 semitones | | | |
| Tuning Control | A4=440Hz ±99 cents | | | |
| Stretch Tune | On / Off | Preset for piano tones | | |
| Temperament (Preset Scale) | Equal temperament and 16 types | | | |
| Tones | Built-in Tones | 250 types | 16 types | |
| | Stereo-sampled Piano Tones | Yes | | |
| | Duet Mode | Yes | | |
| | Layer / Split | Yes | | |
| | Octave Shift | Yes | | |
| Digital Effects | Reverbs | 4 types | | |
| | Choruses | 4 types | | |
| | Brilliance | -3 to 0 to +3 | | |
| | DSP | Preset for some tones | | |
| Acoustic Resonance | Yes | | | |
| Auto Harmonize | 12 types | | No | |
| Rhythms | Presets | 180 types (included world's accompaniment) | No | |
| | User Rhythms | 10 types (up to approx. 40 KB per rhythm) | | |
| One Touch Preset | 180 sets | | No | |
| Music Preset | Presets | 300 sets | | No |
| | User Setups | 50 sets (up to approx. 8 KB per set) | | |
| Registration Setups | (4 rhythm areas + 8 tone areas) × 8 banks | | No | |
| Music Library | 60 tunes | | | |
| | User Tunes | 10 tunes (up to 320 KB per tune) | 1 tune (65KB) | |
| | Lesson Function | Part on / off (right hand, left hand) | | |
| Demonstration-only tunes | 8 tunes | No | | |
| Metronome | 0, 2, 3, 4, 5, 6 beats | | | |
| Tempo | 20 to 255 BPM | | | |
| Recorder | Real-time recording, Punch-in / Punch-out recording | | Real-time recording | |
| | User Tunes | 5 tunes, 16 tracks and 1 system track | 1 tune, 2 tracks | |
| | Memory Capacity | Up to approx. 10,000 notes per tune | Up to approx. 5,000 notes | |
| 3-pedal Unit | 3 pedals: damper (continuous half-pedal operation for finely-controlled damper effect), soft, sostenute | | 3 pedals: damper, soft, sostenute | |
| SD Memory Card | Up to 2 GB | | | No |
| Memory Capacity | Up to 999 tunes × 4 folders | Up to 99 tunes | | |
| Display | LCD with backlight (96 × 32 dots) | | No | |
| Connectors | USB | Yes | | |
| | MIDI | In / Out | No | |
| | SD Memory Card Slot | Yes | | No |
| | Line Out | Yes | | No |
| | Line In | Yes | No | |
| | Connector for 3-pedal Unit | For accessory 3-pedal unit | | |
| | Headphones | 2 (stereo standard) | | |
| DC IN | No | Yes | | |
| Speakers | Φ16 cm × 2, Φ5 cm × 2 | | Φ12 cm × 2, Φ5 cm × 2 | Φ12 cm × 2 |
| Amplifier | 30 W + 30 W | | 20 W + 20 W | 8 W + 8 W |
| Power | AC 120 V or AC 220 – 240 V | | DC 24 V | DC 12 V |
| Power Consumption | 78 W | | 60 W | 18 W |
| Size | 1412 (W) × 492 (D) × 900 (H) mm | | 1395 (W) × 427 (D) × 835 (H) mm | 1395 (W) × 432 (D) × 835 (H) mm |
| Weight | Approx. 57.1 kg | | Approx. 40.0 kg | Approx. 37.5 kg |
| Accessories | Adjustable-height piano bench, headphones hook, music stand, score book | | Adjustable-height piano bench, headphones hook, music stand, score book, AC adaptor | Piano Bench, music stand, score book, AC adaptor |

*1. Grand piano tones (Modern and Classic) only. Other tones utilize the conventional AIF (Acoustic & Intelligent Filtering System) sound source.