

## Specifications

|                                     |   |
|-------------------------------------|---|
| <b>Model</b>                        | CDP-230RBK/CDP-230RSR   |
| <b>Keyboard</b>                     | 88-key piano keyboard   |
| Touch Response                      | 3 types, Off  |
| <b>Maximum Polyphony</b>            | 48 notes (24 for certain tones)   |
| <b>Tones</b>                        |   |
| Built-in Tones                      | 700   |
| Sampling Tones                      | Up to 8 (Melody Sampling: 5, Drum Sampling: 3)*<br>Up to 10 seconds   |
| Functions                           | Layer, Split, Piano/Organ button  |
| <b>Hall</b>                         | On, Off   |
| <b>Reverb</b>                       | 1 to 10, Off  |
| <b>Chorus</b>                       | 1 to 5, Off   |
| <b>Metronome</b>                    |   |
| Beats per Measure                   | 0, 1 to 9   |
| Tempo Range                         | 30 to 255   |
| <b>Song Bank</b>                    |   |
| Built-in Songs                      | 152   |
| User Songs                          | Up to 10*   |
| <b>Step Up Lesson</b>               |   |
| Lessons                             | 4 (Listen, Watch, Remember, Auto)   |
| Lesson Part                         | L, R, LR  |
| Functions                           | Repeat, Voice Fingering Guide, Note Guide, Performance Evaluation   |
| <b>Music Challenge</b>              | 20 notes  |
| <b>Auto Accompaniment</b>           |   |
| Built-in Rhythms                    | 200   |
| User Rhythms                        | Up to 10 (Accompaniment Edit)*  |
| <b>Chord Book Function</b>          | Chord Guide   |
| <b>Registration</b>                 | 32 (4 setups × 8 banks)   |
| <b>Recorder</b>                     | Real-time recording, playback   |
| Keyboard Play                       | 5 songs, 6 tracks   |
| Playing Along with a Built-in Songs | 1 song (L, R, LR)   |
| Memory Capacity                     | Approximately 12,000 notes (total for 6 songs)  |
| <b>Other Functions</b>              |   |
| Transpose                           | ±1 octaves (–12 to +12 semitones)   |
| Octave Shift                        | Upper/Lower ±2 octaves  |
| Tuning                              | A4 = 415.5 to 465.9 Hz (Initial Default: 440.0 Hz)  |
| Preset Scales                       | 17  |
| Music Preset                        | 305   |
| One Touch Preset                    | 200   |
| Auto Harmonize                      | 12 types  |
| Arpeggiator                         | 90 types  |
| <b>MIDI</b>                         | 16 multi-timbre received, GM Level 1 standard   |
| <b>Musical Information Function</b> | Tone, Rhythm, Song Bank numbers and names, staff notation, fingering, pedal operation, tempo, measure and beat number, chord name, etc. |
| <b>Pitch Bend Wheel</b>             |   |
| Pitch Bend Range                    | 0 to 12 semitones   |
| <b>Memory Cards</b>                 |   |
| Supported Memory Cards              | SD or SDHC memory cards, 32GB or less   |
| Functions                           | SMF playback, file storage, file recall, file delete, card format   |

|                          |   |
|--------------------------|---|
| <b>Inputs/Outputs</b>    |   |
| USB port                 | TYPE B  |
| Sustain/Assignable jack  | Standard jack (sustain, sostenuto, soft, rhythm)  |
| Phones/Output jack       | Stereo standard jack<br>Output Impedance: 3Ω, Output Voltage: 1.5V (RMS) MAX                    |
| Audio In jack            | Stereo mini jack<br>Input Impedance: 40kΩ, Input Sensitivity: 200mV                             |
| Mic In/Sampling jack     | Standard jack<br>Input Impedance: 3kΩ, Input Sensitivity: 10mV                                  |
| <b>Power Jack</b>        | 12V DC  |
| <b>Power Supply</b>      |   |
| AC Adaptor               | AD-A12150LW<br>• The AC adaptor can be used safely in areas up to 4,000 meters above sea level. |
| Auto Power Off           | 30 minutes after last key operation   |
| <b>Speakers</b>          | (12cm × 6cm oval) × 2   |
| Output                   | 8W + 8W   |
| <b>Power Consumption</b> | 12V --- 18W   |
| <b>Dimensions</b>        | 132.2 × 28.6 × 12.9cm (52 1/16 × 11 1/4 × 5 1/16 inch)  |
| <b>Weight</b>            | Approximately 11.3kg (24.9 lbs)   |

• Design and specifications are subject to change without notice.

\* This data is stored in a shared memory area with a total capacity of approximately 320Kbytes (1Kbyte = 1,024bytes).

## Operating Precautions

Be sure to read and observe the following operating precautions.

### ■ Location

Avoid the following locations for this product.

- Areas exposed to direct sunlight and high humidity
- Areas subjected to temperature extremes
- Near a radio, TV, video deck, or tuner

The above devices will not cause malfunction of the product, but interference from the product can cause audio or video interference of a nearby device.

### ■ User Maintenance

- Never use benzine, alcohol, thinner, or other chemical agents to clean the product.
- To clean the product or its keyboard, wipe with a soft cloth moistened in a weak solution of water and a mild neutral detergent. Wring all excess moisture from the cloth before wiping.

### ■ Included and Optional Accessories

Use only accessories that are specified for use with this product. Use of unauthorized accessories creates the risk of fire, electric shock, and personal injury.

### ■ Weld Lines

Lines may be visible on the exterior of the product. These are “weld lines” that result from the plastic molding process. They are not cracks or scratches.

### ■ Musical Instrument Etiquette

Always be aware of others around you whenever using this product. Be especially careful when playing late at night to keep the volume at levels that do not disturb others. Other steps you can take when playing late at night are closing the window and using headphones.