

# Casio CTK-3200 Portable Keyboard

- **Keyboard:** 61 standard-size keys
- **Touch Response:** 2 types, Off
- **Maximum Polyphony:** 48 notes (24 for certain tones)
  - Tones:**
    - **Tonos preprogramados:** 400
    - **Sampling Tones:** 1 (Full Sampling) or 3 (Short Sampling)
    - **Sampling Time:** 1 second (Full Sampling) or approximately 0.3 seconds each (Short Sampling)
    - **Effects:** 10 types (for Full Sampling samples)
- **Reverb** 1 to 10, Off
- **Voicepad:** 5 pads × 4 sets (3 sets for sampled sounds, 1 set for percussion only)
  - **Metronome:**
    - Beats per Measure 0, 2 to 6
    - Tempo Range 30 to 255
  - **Songbank:** Tunes: 110
    - **Step Up Lesson:**
      - **Lessons:** 4 (Listen, Watch, Remember, Auto)
      - **Lesson Part:** L, R, LR
      - **Functions:** Repeat, Voice Fingering Guide, Note Guide, Performance Evaluation
  - **Music Challenge:** 20 notes
    - **Auto Accompaniment:**
      - **Rhythm Patterns:** 150
      - **One Touch Presets:** 150
    - **Other Functions:**
      - **Transpose:** ±1 octaves (?12 to +12 semitones)
      - **Tuning:** A4 = 415.5 to 465.9 Hz (Initial Default: 440.0 Hz)
    - **MIDI:**
      - 16 multi-timbre received, GM Level 1 standard
      - Pitch Bend Wheel
      - Pitch Bend Range: 0 to 12 semitones
- **Musical Information:** Function Tone, Rhythm, Song Bank numbers and names, staff notation, fingering, pedal operation, tempo, measure and beat number, chord name, etc.
  - **Inputs/Outputs:**
    - **USB port:** TYPE B
    - **Sustain jack:** Standard jack (sustain, sostenuto, soft, rhythm)
    - **Phones/Output jack:** Stereo standard jack
    - **Output Impedance:** 200Ω, Output Voltage: 4.5V (RMS) MAX
    - Audio In jack Stereo mini jack
    - **Input Impedance:** 9kΩ, Input Sensitivity: 200mV
- **Power Jack:** 9.5V DC
- **Power Supply:** 2-way
- **Batteries:** 6 AA-size zinc-carbon batteries or alkaline batteries
- **Battery Life Approximately:** 3 hours continuous operation on alkaline batteries
- **AC Adaptor:** AD-E95100L
- Auto Power Off Approximately 6 minutes (during battery operation) or 30 minutes (during AC adaptor operation) without any operation
- **Speakers:** 10 cm x 2 - Output: 2W + 2W
- **Power Consumption:** 9.5V = 7.7W