**Casio PX-870**

# Casio Privia PX-870 Digital Piano Instruction Manual

Model: PX-870 | Brand: Casio

## 1. INTRODUCTION AND OVERVIEW

The Casio Privia PX-870 is an 88-key weighted console digital piano designed to deliver an authentic piano experience. It features the Tri-Sensor II Scaled Hammer Action keyboard with simulated ebony and ivory textures, providing a realistic touch and dynamic control. The AiR Sound Source offers rich detail with advanced damper and string resonance, key-off simulation, and mechanical sounds, recreating the depth of a concert grand piano. Equipped with a powerful 40W 4-speaker Sound Projection system, the PX-870 fills any room with immersive sound. It also includes features built for learning and practice, such as Duet Mode, dual headphone jacks, 60 built-in songs, a 2-track MIDI recorder, and Concert Play with orchestral backing tracks. Its sleek console design with a sliding key cover and class-compliant USB-MIDI connectivity make it a versatile instrument for any setting.



*Figure 1: Front view of the Casio Privia PX-870 Digital Piano.*

# 2. SETUP

Unpacking and assembly of the Casio Privia PX-870 should be performed carefully, ideally with two people due to the instrument's weight. Ensure all components are present before beginning assembly.

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify that the main piano unit, stand components, pedals, power adapter, music stand, and any included accessories (like the sliding key cover and USB-MIDI cable) are present.

2. **Assemble the Stand:** Follow the detailed instructions provided in the separate assembly guide for connecting the side panels, crossbars, and pedal unit. Ensure all screws are securely tightened.

3. **Attach the Piano Unit:** With assistance, carefully lift the main piano unit and place it onto the assembled stand, aligning the mounting holes. Secure the piano unit to the stand using the provided screws.

4. **Connect Pedals:** Connect the pedal unit cable to the corresponding port on the underside of the piano unit.

5. **Install Music Stand and Key Cover:** Insert the music stand into its slot on the piano. Slide the key cover into its designated tracks.

6. **Power Connection:** Connect the supplied AC adapter to the DC 24V input jack on the rear of the piano, then plug the adapter into a standard wall outlet.



*Figure 2: Side view of the Casio Privia PX-870 Digital Piano, showing its console design.*

# 3. OPERATING INSTRUCTIONS

The Casio Privia PX-870 offers a range of functions for playing, practicing, and connecting to other devices.

## 3.1 Basic Controls

- **Power Button:** Located on the left side of the control panel. Press to turn the piano ON/OFF.
- **Volume Knob:** Adjusts the overall output volume of the piano.
- **Grand Piano Button:** Selects the primary grand piano tone.

- **E. Piano 1 Button:** Selects the electric piano tone.
- **Function Button:** Used in combination with keyboard keys to access various settings and tones.

## Privia
## PX-870

## TERMINALES DE ENTRADA Y SALIDA

**PX-870**

**FUNCIONES**

① Volumen
② MIN - MX
③ Function
④ Metrónomo
⑤ Audio REC
⑥ MIDI REC
⑦ Play
⑧ Botón Grand Piano
⑨ Botón E. Piano 1

⑩ Conector de pedal
⑪ Puerto unidad flash USB
⑫ Puerto USB
⑬ Adaptador DC 24V

Parte inferior

Parte trasera

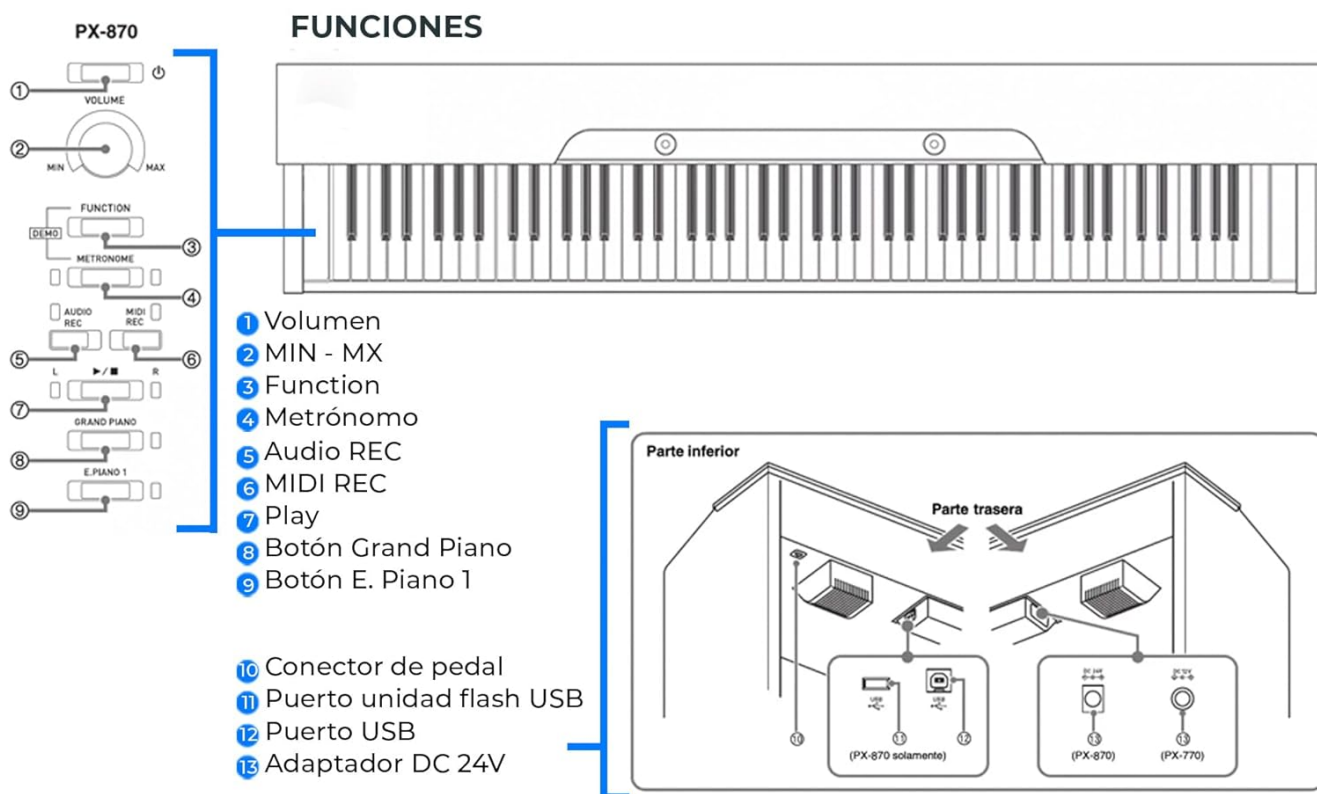(PX-870 solamente)   (PX-870)   (PX-770)

*Figure 3: Close-up of the control panel and keyboard keys, showing various functions and tone selections.*

## 3.2 Sound Features

The PX-870 provides 19 instrument tones, including multiple variations of grand pianos, electric pianos, organs, and strings. Use the **Function** button in conjunction with specific keys (as indicated on the piano's surface or in the full user manual) to select different tones and adjust their characteristics (e.g., Concert, Mellow, Bright for Grand Piano).

- **Tri-Sensor II Scaled Hammer Action:** Provides an authentic piano touch with varying key weights across the keyboard, mimicking an acoustic grand piano.
- **AiR Sound Source:** Delivers highly realistic piano sounds with advanced resonance modeling.
- **Sound Projection System:** The 4-speaker system is designed to produce a rich, immersive sound experience.

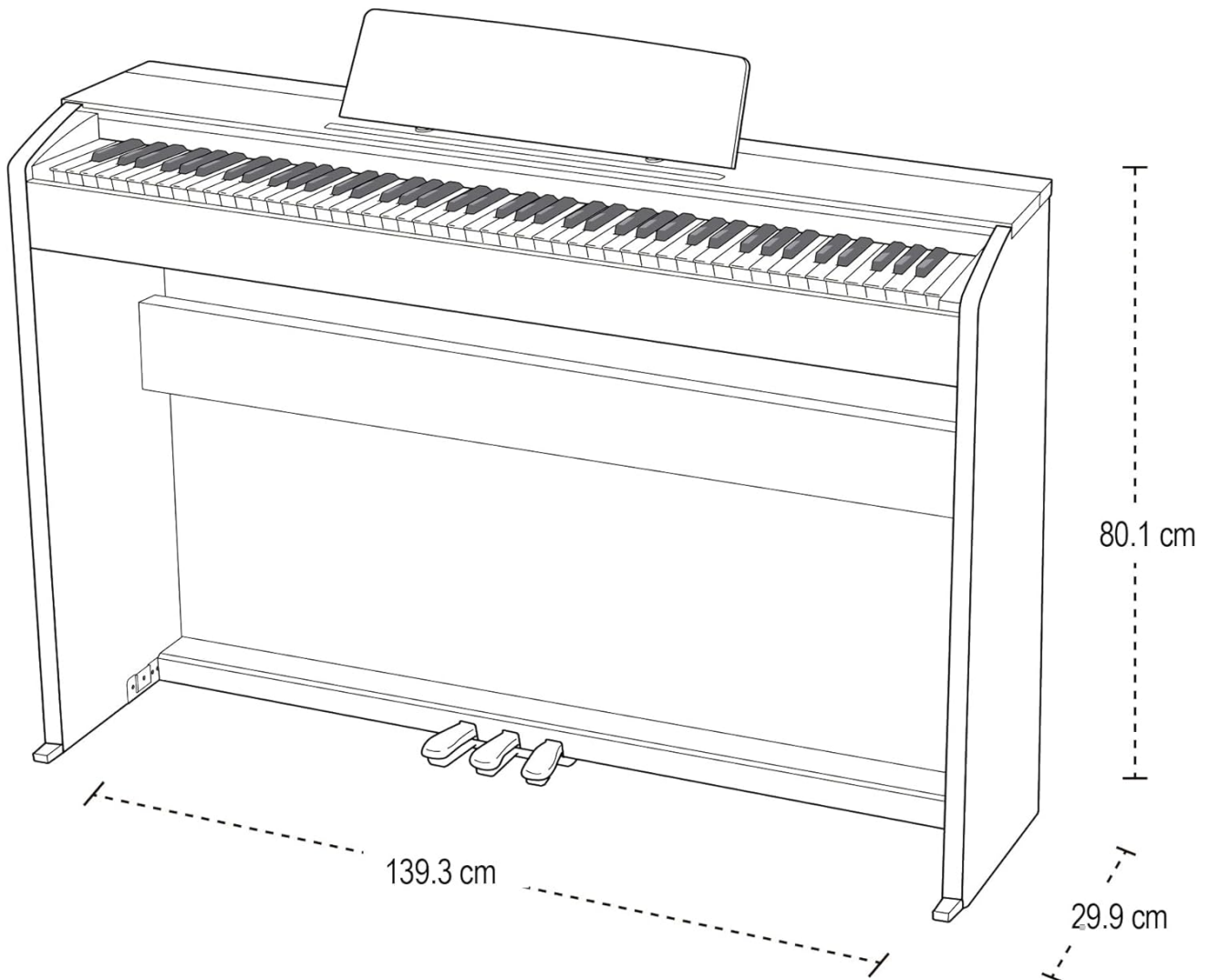## 3.3 Practice and Learning Tools

- **Metronome:** Activate the metronome to practice with precise timing. Adjust tempo and beat using the **Function** button and corresponding keys.
- **Concert Play:** Play along with 10 classical live orchestra recordings. You can choose to listen to the full performance, practice the piano part with orchestral accompaniment, or practice the orchestral part with the piano

melody.

- **Duet Mode:** Splits the keyboard into two equal pitch ranges, allowing two players to play simultaneously in the same octave range. Ideal for student-teacher lessons.
- **MIDI Recorder:** Record your performances (up to 2 tracks) directly onto the piano's internal memory.
- **USB Audio Recording:** Record your performances as audio files directly to a connected USB flash drive.

## 3.4 Connectivity

- **Headphone Jacks:** Two 3.5mm headphone jacks are provided for silent practice or duet sessions.
- **USB-MIDI:** Connect the piano to a computer (Mac, PC, iOS, or Android) via USB for MIDI data transfer, allowing use with music software.
- **USB Flash Drive Port:** For USB audio recording and playback.



Dimensiones sin atril

*Figure 4: Back view of the Casio Privia PX-870 Digital Piano, highlighting connectivity ports.*

## 3.5 Official Product Video

Your browser does not support the video tag.

*Video 1: Official product overview of the Casio PX-870 Privia Digital Home Piano, showcasing its features and sound capabilities.*

# 4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your digital piano.

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the piano. For stubborn dirt, lightly dampen the cloth with water and a mild, non-abrasive cleaner, then wipe dry immediately. Avoid harsh chemicals.
- **Key Care:** Wipe the keys regularly with a soft cloth. Do not use alcohol or strong cleaning agents, as these can damage the key surfaces.
- **Dust Cover:** Always use the sliding key cover when the piano is not in use to protect the keys and internal components from dust.
- **Environmental Conditions:** Avoid exposing the piano to direct sunlight, extreme temperatures, or high humidity, which can cause damage.

# 5. TROUBLESHOOTING

If you encounter issues with your Casio Privia PX-870, try the following basic troubleshooting steps:

- **No Sound:** Check if the power is on and the volume is turned up. Ensure headphones are not plugged in if you expect sound from the speakers. Verify all cables are securely connected.
- **Keys Not Responding:** Ensure the piano is powered on. If only some keys are affected, contact customer support.
- **Metronome Not Working:** Check if the metronome function is activated and its volume is audible.
- **Distorted Sound:** Lower the volume. Check for any external interference or loose connections.
- **Power Issues:** Ensure the AC adapter is correctly connected and the power outlet is functional.

For more complex issues, refer to the full user manual or contact Casio customer support.

# 6. SPECIFICATIONS

| Feature | Specification |
|---|---|
| Model Name | Casio PX-870 Privia Digital Home Piano |
| Number of Keys | 88 |
| Key Action | Tri-Sensor II Scaled Hammer Action Keyboard |
| Key Surface | Simulated Ebony and Ivory Textures |
| Sound Source | AiR Sound Source |
| Polyphony | 256-note |
| Tones | 19 Built-in Tones |
| Speakers | 40W (20W + 20W) 4-Speaker Sound Projection System |
| Connectivity | USB-MIDI, 2x Headphone Jacks (3.5mm), USB Flash Drive Port |
| Product Dimensions | 59.5"D x 16"W x 15"H |
| Item Weight | 75.6 Pounds |

| Color | Black |
|-------|-------|

## 7. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Casio website. For technical support, product registration, or service inquiries, please contact Casio customer service through their official channels.