

How to install your Bubble Bobble Free Play and High Score Sa

Bubble Bobble Installation Guide



Overview

Follow this short pre-install checklist to ensure a smooth, safe installation and reliable operation of your high score save kit.

Safety First

- **Power Off & Unplug:** Turn the game **off** and **unplug the cabinet** before touching the game board.
- **ESD Precautions (Recommended):** Work on an anti-static mat and ground yourself to avoid electrostatic discharge.

Preparation Checklist

- **Verify Board Health:** Confirm your **game board is 100% working** *before* installing the kit.
- **Remove Board Safely:** With power **off**, carefully remove the game board from the cabinet.
- **Label Connectors:** Tag **every connector and cable** you disconnect. Clear labels make re-installation fast and accurate.
- **Record Orientation:** Note the **orientation of each connector/cable**. (*Tip: take photos from multiple angles for reference.*)
- **Set Up Your Workspace:** Use a **well-lit workbench** with enough room to lay out the board, kit, and tools.

Next Step

Follow the instructions step-by-step using the photos below and the labels you created during the preparation checklist.

The Bubble Bobble kit contains -

1 – z80 Daughter card

Z80B processor required. Install with your current Z80B.

Overview –

Start with locating your z80 socket.

This is what your pcb should look like. This kit will only work on a Bubble Bobble PCB.



Remove the gameboard and locate the following -

- Z80B-CPU at location IC50. This MUST be socketed.
- 27c256 EPROM at location IC51.
- 27c512 or 27c256 at location IC52.

- 27c256 or empty socket at location IC53.

Check and remember Pin 1 of the CPU and the eeprom at IC52. (see pic above)

Carefully remove the CPU at IC50 and all the Eeproms at IC51, IC52 and IC53.



Insert the EEPROM shipped with the savekit and marked as „IC52“ at Position IC52. Make sure Pin 1 of the EEPROM is oriented to correctly match Pin 1 on the board. (see pic above)

Insert the CPU into the daughterboard. Make sure Pin 1 of the CPU is oriented to correctly match Pin 1 on the board. (see pic below)



Insert daughter board into the cpu socket of the board where the CPU chip was removed from.

Make sure Pin 1 of the daughter-board is oriented to correctly match Pin 1 on the board.



Ensure that nothing is hitting the underside of the new daughter card from your original PCB. Sometimes test points on your PCB need to be bent away.

You're done!

- Double check your work
- Install back in cabinet using pictures you took and any marked connectors
- Power up the game and enjoy!
- If the game does not start, turn power off immediately, double check your work.

How do I get to the menu settings?

With the power off on your game. Press and hold P1 while you turn the game on. Release P1 button when the screen tells you to. You are now in the main menu settings. This is a feature built into your kits, so the menu settings are not accessible to your guests or family.

Now, having said that, you need to enable this feature in the menu settings, or disable if you want your kit to give you approximately 5 seconds every time you turn on your game.

Helpful links –

Homepage - <https://www.highscoresaves.com/>

Product Page - <https://www.highscoresaves.com/Bubble-Bobble-Free-Play-and-High-Score-Save-Kit/HSSBUBBLEB>

What's a Wi-Fi kit? - <https://www.highscoresaves.com/What-s-a-WiFi-Enabled-Kit-or-Standard-Kit/>

Tips and Tricks -

https://www.highscoresaves.com/media/a6/28/5e/1756433395/Highscoresaves%20Tips%20and%20Tricks_compressed.pdf?ts=1756433395