TechBrix HC-X20M

TechBrix X20 Mini Handheld Retro Game Console User Manual

Model: HC-X20M

1. Introduction

Thank you for purchasing the TechBrix X20 Mini Handheld Retro Game Console. This device offers a portable gaming experience with a 4.3-inch HD screen, classic controls, and a vast library of built-in games. It also supports game downloads, music, and e-books via an 8GB TF card. This manual provides essential information for setup, operation, and maintenance to ensure you get the most out of your console.

2. What's in the Box

Please check the package contents carefully. If any items are missing or damaged, please contact your retailer.

- 1 x TechBrix X20 Mini Handheld Game Console
- 1 x Charging Cable
- 1 x User Manual (this document)
- 1 x 8GB TF Card (pre-installed or included separately)

3. Product Overview

Familiarize yourself with the console's layout and components.



Figure 3.1: Front view of the TechBrix X20 Mini Handheld Game Console.



Figure 3.2: Key features and components of the console.

3.1. Controls and Ports

- **4.3-inch HD Screen:** Main display for games and menus.
- **Directional Pad (D-pad):** For menu navigation and in-game movement.
- **Analog Joystick:** For precise control in games.
- **Action Buttons (A, B, X, Y):** Primary game input buttons.
- **L/R Buttons:** Shoulder buttons for additional in-game actions.
- **SELECT/START Buttons:** For menu selections and game functions.
- **Power Button:** To turn the console on or off.
- **Volume Controls:** Adjust audio output.
- **Charging Port:** For connecting the charging cable.
- **Headphone Jack:** For private audio listening.
- **TF Card Slot:** For inserting the 8GB TF card to store games, music, and e-books.

4. Setup

4.1. Charging the Console

1. Before first use, fully charge the console for approximately 2-3 hours.
2. Connect the charging cable to the console's charging port and the other end to a compatible USB power adapter (not included) or a computer's USB port.
3. The charging indicator light will illuminate during charging and turn off or change color when fully charged.

4.2. Inserting the TF Card

The console comes with an 8GB TF card, which may be pre-installed. If not, follow these steps:

1. Locate the TF card slot on the console.
2. Gently insert the TF card into the slot until it clicks into place. Ensure the card is oriented correctly.
3. To remove, gently push the card inward until it clicks, then release, and it will spring out.

5. Operating Instructions

5.1. Powering On/Off

- **To Power On:** Press and hold the Power button for a few seconds until the screen illuminates.
- **To Power Off:** Press and hold the Power button until a power-off prompt appears, then confirm your selection. Alternatively, hold the Power button for an extended period to force a shutdown.

5.2. Navigating Menus

- Use the **D-pad** or **Analog Joystick** to move between menu options.
- Press the **A button** (or equivalent action button) to confirm a selection.
- Press the **B button** (or equivalent action button) to go back to the previous menu.

5.3. Playing Built-in Games

1. From the main menu, navigate to the 'Games' or 'Emulator' section.
2. Select your desired game from the list using the D-pad/Joystick and A button.
3. The game will load. Use the console's controls to play.

5.4. Downloading Games and Media

The 8GB TF card allows you to expand your game library and store other media. The console supports downloading games, music, and e-books from the internet. Specific instructions for downloading content will depend on the source and may require connecting the TF card to a computer.

5.5. Saving and Loading Game Progress

The console system supports instant archive, read, and pause functions. During gameplay, you can typically access a menu (often by pressing SELECT + START simultaneously or a dedicated menu button) to save your game progress. You can then load these saved states later to resume from where you left off.

5.6. Connecting Headphones

To enjoy private audio, plug any standard 3.5mm headphones into the headphone jack on the console.

6. Maintenance

6.1. Cleaning the Console

- Use a soft, dry, lint-free cloth to clean the console's exterior.
- For stubborn dirt, slightly dampen the cloth with water. Do not use harsh chemicals or abrasive cleaners.
- Avoid getting moisture into any ports or openings.

6.2. Battery Care

- The console uses a 1500 mAh Li-polymer battery.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- If storing the console for an extended period, charge it to about 50% and store it in a cool, dry place. Recharge every few months.
- Do not expose the console to extreme temperatures.

6.3. Storage

When not in use, store the console in a protective case or a safe place to prevent scratches, dust accumulation, and accidental damage.

7. Troubleshooting

If you encounter issues with your TechBrix X20 Mini, try the following solutions:

Problem	Possible Solution
Console does not turn on.	Ensure the battery is charged. Connect the charging cable and try again. If the battery is completely drained, it may take a few minutes before the console responds.
Games are not loading or freezing.	Check if the TF card is properly inserted. Try restarting the console. Ensure the game files are not corrupted.
Charging indicator not working.	Verify the charging cable and power adapter are working correctly. Try a different cable or adapter. Ensure the charging port is clean and free of debris.
No sound.	Check the volume level. Ensure headphones are not plugged in if you expect sound from the console's speakers. If headphones are used, ensure they are fully plugged in and functional.
Controls are unresponsive.	Restart the console. If the issue persists, contact customer support.

If these steps do not resolve your issue, please refer to the Warranty and Support section.

8. Specifications

Detailed technical specifications for the TechBrix X20 Mini Handheld Retro Game Console:

Feature	Specification
Screen Size	4.3 inches HD LCD

Feature	Specification
Battery	1500 mAh Li-polymer battery
Memory Storage	8 GB TF Card (included)
Controller Type	Button Control, Joystick
Number of Players	1
Hardware Interface	Headphone Jack
Operation Mode	Manual
Form Factor	Handheld
Material Type	Plastic
Item Dimensions (L x W x H)	7" x 3" x 0.6" (approximate)
Model Number	HC-X20M

9. Warranty and Support

This product is covered by a standard manufacturer's warranty. Please refer to the packaging or your purchase documentation for specific warranty terms and duration. For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact the retailer or TechBrix customer service through the contact information provided at the point of purchase.
Please retain your proof of purchase for warranty purposes.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question