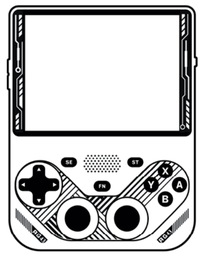
成品尺寸:78x115mm

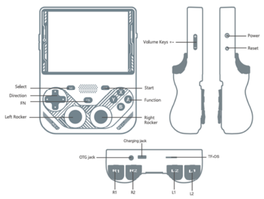
RG43VC Pro

Handheld game console



Instruction Manua

Ports & Buttons



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RG43VC Pro Specifications

Display screen	4.3-inch IPS display screen, resolution 1024 * 768
CPU	RK3562 Super Quad-Core Cortex-A53, Quad-Core@2.0GHZ
interface	1*TYPE-C（OTG+DC）
	1 * 3.5mm standard stereo headphone jack
	1 * TF card slot (OS/GAME), up to 512GB maximum
button	PWR/RST/V+/V-/L1/L2/R1/R2/SELECT/START/FN/X/Y/A/B/
	U/R/L/D, Joystick with 3D confirmation key
motor	Vibration motor * 1
WIFI	2.4G WIFI
LED	Joystick ambient light * 2: 3 colors of red, green, and blue,
	supporting 7 color combinations
system	EE
game	DC，NEO，MD，MSX，CPS1，CPS3，CPS2，GB，GBA，
	GBC，NES，NDS，N64，PSP，NAOMI，MAME wait
software	External game
language	multiple languages
External function	8 euros and 1 watt, BOX cavity speaker * 1
battery	4000mAh
Other functions	Built in dual 3D joystick+colorful ambient light, supports
	OTG wireless controller, network pairing, supports 3.5mm
	stereo headphones, energy-saving settings, display
	brightness, rotating bracket and other functional attributes
	display and free settings

Power On/Off Instructions:

Power On: Press and hold the power button for 5 seconds, wait patiently for about 20 seconds to enter the operation interface.
Power Off: Press and hold the power button for 7 seconds to display the shutdown menu. Press the A button by default to shut down.
Note: Please exit the game before shutting down.

Charging Instructions:

When the host's red light turns on, charge it promptly by connecting the charging cable to the DC port. The red light will automatically turn off when fully charged.
Note: Do not press the reset button while charging. The charger must not exceed 5V/2A.

Function Shortcut Key Combinations:

Fix system bugs: Press and hold the left joystick + L2, then press the Y button three times.

Function Shortcut Key Combinations:

Save game progress: SELECT + R1
Load saved game progress: SELECT + L1
Exit game: SELECT + START
Show FPS: SELECT + B
Pause game: SELECT + A
RA Menu: SELECT + X
PSP Game Button Instructions:

PSP Save Game:

Press SELECT + B to enter the PSP menu.
Select 1. Settings > 2. System > 3. Auto Load/Save State > 4. Slot 1.
Press 5. Back > 6. Save State (saved successfully).
Select 7. Exit to Menu > 8. Exit to leave the menu.

NDS Game Button Instructions:

Press R2 to switch screen display.
Press the right joystick to show full screen.
Press the left joystick to enter the game background menu.

How to Unlock Child Mode?

Press the START button, select UNLOCK USER INTERFACE MODE, press A, then press AAABA in sequence to unlock.

How to Switch Emulator Cores?

If a game fails to run, the likely reason is that the emulator core does not support it. To resolve this:
In the game list, select the problematic game, hold the A button for 2 seconds. Choose the second-to-last option "Advanced Game Options". Try changing the first option "Emulator" to a different core. If none of the cores work, the game ROM may be faulty. Please provide feedback for correction.
Core Selection Recommendations:

How to Configure Global, Emulator-Specific, and Game-Specific Settings?

There are three ways to configure settings:
1.Global Settings: Set in the "Game Settings" section of the ES menu.
2.Emulator-Specific Settings: Go to "Game Settings > PER-SYSTEM ADVANCED CONFIGURATION" for different emulators.
3.Game-Specific Settings: Hold the A button on a game name and adjust in "Advanced Game Options".
Priority: Game-Specific > Emulator-Specific > Global Settings.

How to Change the Theme?

Press START, select User Interface Settings, press A, then choose Background Theme and switch to your preferred theme.

Game Display Aspect Ratio Adjustment

1.Press **START** to open the selection menu, choose Game Settings, then press A to enter settings. Scroll down to Game Screen Ratio and select the desired aspect ratio.
2.**X/Y (Custom Ratio):**
Adjust based on your screen resolution. For example, a resolution of **640×480** matches a **4:3** ratio. Setting the display ratio to **4:3** will make most games appear full-screen (some games may still have black borders due to their original design).
3.CORE PROVIDED VIDEO (Original Aspect Ratio):
This setting uses the emulator core's default resolution, ensuring games display in their original aspect ratio without distortion.
· Example: If an arcade vertical shooter is displayed horizontally, forcing **X/Y (stretched)** would severely deform the image. **CORE PROVIDED VIDEO** preserves the correct proportions.
· Similarly, **GB/GBC** games may appear distorted if stretched to full-screen (X/Y mode), but this setting maintains their intended aspect ratio.
(Note: Some games inherently have black borders and cannot fill the entire screen.)

How to Add a Game to Favorites?

1.Navigate to the game you wish to favorite in the game list
2.Press and hold the A button to open the context menu
3.Select "Add to Favorites" from the menu
4.Press A button again to confirm
5.The selected game will now appear in your Favorites list

How to Adjust Screen Brightness?

1.Press the **START** button to open the selection menu
2.Select **System Settings** and press A to enter
3.Choose **Brightness** option
4.Use **Left D-pad** to decrease brightness

How to Change Language?

1.Press the **START** button to open the selection menu
2.Navigate to **System Settings > Language** and press **A**
3.Select your preferred language and confirm with **A**
4.A system restart is required - return to previous menu
5.Go to **Exit Options** and select **Restart**

How to Set Side B in FDS Games?

Some FDS games require setting Side B to start. If you're prompted to set Side B when launching a game:
1.Simply press the L1 button to configure Side B
2.The game will then load normally

How to Add Games?

1.Insert the TF card into your computer and open the **EE_ROMS** drive.
2.Place downloaded games in the corresponding emulator folder.
3.Put game images in **/media/screenshot.**
4.Open **gamelist.xml** with a text editor, add the new game's info following existing entries, and save.
5.Eject the TF card, insert it back into the device, and power on—the newly added games will now appear in your library
(Troubleshooting: If the EE_ROMS drive doesn't show, go to **This PC > Manage > Disk Management**, locate the drive, Right-click and select **Change Drive Letter and Paths**, assign an available drive letter, the EE_ROMS drive should now be accessible.)

Troubleshooting Guide

1.Screen Dims After Power-On
If the screen dims a few seconds after turning on the device (while audio and controls remain functional), perform the System Reset:
Press and hold Left Joystick + L2, then press Y three times.

2."System Read Error" on Startup
If the device displays a "System Cannot Be Read" message:
· Remove and reinsert the SD card, then restart.
· Alternatively, insert the card into the TF1 slot and reboot.
· If unresolved, execute the System Reset (same as above).

3.Games Not Loading Properly
If certain games fail to launch, try changing the emulator core as instructed in the manual.

4.Charging Requirements
Always use a 5V/2A (or lower) charger to avoid potential power-related issues.

5. General Troubleshooting

We appreciate your support and hope you enjoy your gaming experience! If problems persist, please contact our customer service for further assistance.

FCC Warning Statement:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement.