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› [XCSOURCE](#) /

› [XCSOURCE TB601 Video Baby Monitor User Manual](#)

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XCSOURCE TB601 Video Baby Monitor User Manual

Model: TB601

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your XCSOURCE TB601 Video Baby Monitor. This device is designed to help you monitor your baby with features such as two-way audio, night vision, and temperature sensing. Please read this manual thoroughly before operation and retain it for future reference.



Image 1.1: The XCSOURCE TB601 Video Baby Monitor, showing the parent unit (left) and the baby unit (right).

2. PACKAGE CONTENTS

Ensure all items are present in the package:

- Parent Unit (Monitor)
- Baby Unit (Camera)
- Power Adapter for Parent Unit
- Power Adapter for Baby Unit
- User Manual



Image 2.1: The complete package contents, including the parent unit, baby unit, two power adapters, and user guide.

3. PRODUCT OVERVIEW

The XCSOURCE TB601 is a 2.4 GHz wireless video baby monitor system consisting of a parent unit (monitor) and a baby unit (camera).

3.1 Parent Unit (Monitor)

- **Display:** 2-inch color LCD screen.
- **Controls:** Power button, Menu button, Navigation buttons, Two-way talk button.
- **Battery:** Built-in 500mAh Li-polymer rechargeable battery.
- **Dimensions:** Approximately 6.3 x 2.7 x 12.7 cm.

3.2 Baby Unit (Camera)

- **Camera:** Video camera with night vision capabilities.
- **Sensors:** Temperature sensor, microphone.
- **Features:** Infrared LEDs for night vision, speaker for two-way audio and lullabies.



Image 3.1: Close-up of the parent unit displaying the temperature and the baby unit with its various sensors and LEDs.



Image 3.2: The baby unit (camera) demonstrating its adjustable viewing angle for optimal placement.

4. SETUP

4.1 Charging the Parent Unit

1. Connect the parent unit to a power outlet using one of the provided power adapters (5V 550mA).
2. Allow the parent unit to charge fully before first use. The battery indicator on the screen will show charging status.

4.2 Powering the Baby Unit

1. Place the baby unit in a secure location in your baby's room, ensuring a clear view of the crib or play area.
2. Connect the baby unit to a power outlet using the second provided power adapter. The baby unit does not contain a rechargeable battery and must remain plugged in during operation.

4.3 Initial Pairing and Placement

1. Once both units are powered on, they should automatically connect. If they do not, refer to the troubleshooting section.
2. Position the parent unit within the effective range of the baby unit. The monitor offers an unobstructed range of up to 50 meters indoors and 260 meters outdoors. Walls and other obstacles may reduce this range.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press and hold the power button on the parent unit to turn it on or off.

5.2 Two-Way Talk

To speak to your baby, press and hold the microphone button on the parent unit. Your voice will be transmitted through the baby unit's speaker. Release the button to hear your baby again.



Image 5.1: Illustration of the two-way talk function, showing communication between the parent unit and the baby unit.

5.3 Night Vision

The baby unit automatically activates infrared night vision in low-light conditions, providing a clear black

and white image on the parent unit. This allows for continuous monitoring even in a dark room.



Automatic Night Vision
Allows you to keep an eye on your baby at night



Image 5.2: Comparison of day and night vision, demonstrating the automatic activation of infrared night vision for clear monitoring in darkness.

5.4 Temperature Monitoring

The baby unit includes a temperature sensor that monitors the room temperature. The current temperature is displayed on the parent unit's screen, helping you ensure a comfortable environment for your baby.



Image 5.3: The temperature monitoring feature, showing the baby unit sensing the room temperature and displaying it on the parent unit.

5.5 VOX Mode (Voice Operated Exchange)

VOX mode conserves battery life by putting the parent unit into standby when no sound is detected from the baby unit. The screen will activate automatically when sound is detected, alerting you to your baby's activity.



Image 5.4: Illustration of VOX mode, showing the monitor activating when the baby makes a sound and remaining quiet when the baby is asleep.

5.6 Lullabies

The baby unit can play 8 built-in lullabies to help soothe your baby to sleep. Access this feature through the parent unit's menu.

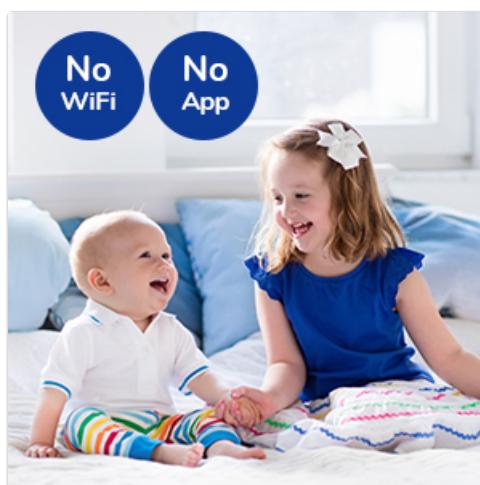


Image 5.5: A baby sleeping peacefully while the baby unit plays one of the 8 integrated lullabies.

6. MAINTENANCE

To ensure optimal performance and longevity of your baby monitor:

- Clean both units with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Keep the units away from water and moisture.
- Avoid dropping the units or exposing them to extreme temperatures.
- Ensure the camera lens is clean for clear image quality.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image/sound on parent unit	Units are out of range or not powered on.	Ensure both units are powered on and within range. Check power connections.
Poor image quality	Camera lens is dirty or lighting is insufficient.	Clean the camera lens. Ensure adequate lighting or rely on automatic night vision.
Parent unit battery drains quickly	Battery is old or VOX mode is off.	Ensure the parent unit is fully charged. Activate VOX mode to conserve battery. Consider replacing the battery if it's significantly degraded over time.
Inaccurate temperature reading	Baby unit is placed near a heat source.	Relocate the baby unit away from direct sunlight, heaters, or other heat-emitting devices.

8. SPECIFICATIONS

- **Model:** TB601
- **Wireless Technology:** 2.4 GHz Digital Encrypted Wireless
- **Transmission Power:** 17dBm
- **Effective Unobstructed Range:** 50m (indoors), 260m (outdoors)
- **Night Vision Distance:** 5m
- **Supported Resolution:** 176 x 220
- **Parent Unit Battery:** 500mAh Li-polymer
- **Power Supply:** 5V 550mA
- **Screen Size:** 2 inches
- **Dimensions (L x W x H):** 6.3 x 2.7 x 12.7 cm
- **Weight:** 410 grams
- **Material:** Plastic
- **Special Features:** Two-way audio, Night Vision, Temperature Sensor, Lullabies, VOX Mode.

9. WARRANTY AND SUPPORT

This product comes with a 3-month quality guarantee. If you encounter any quality issues within 3 months of purchase, the product will be replaced free of charge. For support or warranty claims, please contact the seller directly through your purchase platform.