

Starion KS780-B

Starion KS780-B Portable Bluetooth CD+G Karaoke Machine Instruction Manual

Model: KS780-B

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Starion KS780-B Portable Bluetooth CD+G Karaoke Machine. Please read this manual thoroughly before using the device to ensure proper function and to maximize your enjoyment of its features. The Starion KS780-B is designed to be a versatile and portable karaoke system, featuring a built-in 7-inch TFT screen, stereo speakers, and multiple playback options including CD, CD+G, Bluetooth, and USB for MP3/MP3+G files.

IMPORTANT SAFETY INFORMATION

To reduce the risk of electric shock, fire, etc., always follow these basic safety precautions:

- Do not expose this product to rain or moisture.
- Do not remove the cover or back of the unit. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Do not block any ventilation openings.
- Use only attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Starion KS780-B Karaoke Machine
- Wired Microphone
- Detachable Tablet Holder
- RCA Cord for TV Connection
- Demo CD+G Disc
- AC Power Cord
- Instruction Manual (this document)

PRODUCT OVERVIEW

Front Panel Controls and Features



Image: Front view of the Starion KS780-B Karaoke Machine, showcasing the 7-inch screen, control knobs, and dynamic LED light effects on the speaker grilles.

- **Power Button:** Turns the unit on or off.
- **Function Button (CD/USB/BT):** Selects input source (CD/CD+G, USB, Bluetooth).
- **Screen On/Off Button:** Toggles the 7-inch TFT screen display.
- **Master Volume Control:** Adjusts the overall sound output level.
- **Microphone Volume Control:** Adjusts the microphone input level.
- **Echo Control:** Adds an echo effect to the microphone sound.
- **Balance Control:** Adjusts the balance between the vocal and music tracks on CD+G discs.
- **Auto Voice Control (AVC):** Automatically reduces the main vocal track volume when the microphone is used.
- **Digital Key Control:** Adjusts the musical key of the song without changing the tempo.
- **Play/Pause, Stop, Skip Forward/Backward Buttons:** Standard media playback controls.
- **Program & Repeat Controls:** For programming CD tracks and repeating playback.
- **Light Effects:** Integrated LED lights that synchronize with the music.
- **7-inch TFT Screen:** Displays CD+G lyrics and other operational information.

Rear Panel Connections



Image: Close-up of the rear panel of the Starion KS780-B, showing the Audio Out (red/white RCA), Video Out (yellow RCA), USB port, and Microphone Input jacks.

- **Audio Out (RCA Red/White):** Connects to an external audio system.
- **Video Out (RCA Yellow):** Connects to a TV or monitor to display CD+G lyrics.
- **USB Port:** For playing MP3/MP3+G files from a USB drive and recording performances.
- **Microphone Input (MIC 1, MIC 2):** Connects wired microphones.
- **DC IN:** Power input for the AC adapter.

SETUP

1. **Power Connection:** Connect the supplied AC power cord to the DC IN jack on the rear of the unit and plug the other end into a standard wall outlet.
2. **Microphone Connection:** Plug the wired microphone into one of the MIC input jacks on the rear panel.
3. **Optional TV Connection (for CD+G lyrics):** If you wish to display lyrics on an external TV, connect the supplied RCA video cable (yellow plug) from the VIDEO OUT jack on the karaoke machine to the video input on your TV.
4. **Optional External Audio Connection:** For enhanced sound, connect the supplied RCA audio cables (red/white plugs) from the AUDIO OUT jacks on the karaoke machine to the audio input on your home stereo system or powered speakers.
5. **Tablet Holder Installation:** Attach the detachable tablet holder to the designated slot on top of the unit. This allows you to securely place a smartphone or tablet.



Image: The Starion KS780-B with a tablet securely placed in its holder, demonstrating how external devices can be integrated.

OPERATING INSTRUCTIONS

Powering On/Off

Press the **Power** button to turn the unit on. The screen will illuminate. Press it again to turn the unit off.

Playing CD/CD+G Discs



Image: The top-loading CD player of the Starion KS780-B is shown open, revealing a CD+G disc ready for playback.

1. Open the CD compartment cover located on the top of the unit.
2. Place a CD or CD+G disc onto the spindle with the label side facing up.
3. Close the CD compartment cover.
4. Press the **Function** button until "CD" mode is selected.
5. Press the **Play/Pause** button to start playback. Lyrics for CD+G discs will appear on the built-in screen or connected TV.
6. Use the **Skip Forward/Backward** buttons to navigate between tracks.

Bluetooth Operation

1. Press the **Function** button until "BT" (Bluetooth) mode is selected. The unit will enter pairing mode, indicated by a flashing Bluetooth icon on the screen.
2. On your Bluetooth-enabled device (smartphone, tablet), enable Bluetooth and search for "Starion KS780-B".
3. Select "Starion KS780-B" from the list of available devices to pair. Once paired, a confirmation tone will sound, and the Bluetooth icon will stop flashing.
4. You can now play audio from your device through the karaoke machine's speakers.

USB Playback and Recording

1. **USB Playback:** Insert a USB flash drive containing MP3 or MP3+G files into the USB port on the rear panel. Press the **Function** button until "USB" mode is selected. The unit will automatically begin playing compatible files.
2. **Recording Performance:** While playing music (from CD, Bluetooth, or USB) and singing into the microphone, press the **Record** button to begin recording your performance to the connected USB drive. Press **Record** again to stop.

Microphone Usage and Controls



Image: The wired microphone included with the Starion KS780-B, featuring an on/off switch.

- Ensure the microphone is plugged into a MIC input jack.
- Adjust the microphone volume using the **MIC VOLUME** knob.
- Apply echo effect with the **ECHO** knob.
- Use **AVC** to automatically lower main vocals during singing.
- Adjust the song's key with the **DIGITAL KEY CONTROL** buttons.

Light Effects

The unit features integrated LED light effects that enhance the karaoke experience. These lights typically react to the music. Use the dedicated **LIGHT** button to toggle the light effects on or off, or to cycle through different patterns if available.

MAINTENANCE

- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **CD Player Care:** Keep the CD compartment clean and free of dust. Avoid touching the lens.
- **Storage:** When not in use for extended periods, store the unit in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Solution
No power	Ensure the AC power cord is securely connected to the unit and a working power outlet.
No sound from speakers	Check the Master Volume control. Ensure the correct function mode (CD, BT, USB) is selected. If connected to external speakers, check their power and volume.

Problem	Solution
No microphone sound	Ensure the microphone is plugged in correctly and its ON/OFF switch is in the ON position. Adjust the Microphone Volume control.
CD/CD+G disc not playing	Ensure the disc is clean and free of scratches. Make sure it is inserted correctly with the label side up. Close the CD compartment securely. Select "CD" function mode.
Bluetooth not connecting	Ensure the unit is in "BT" mode and your device's Bluetooth is enabled. Make sure "Starion KS780-B" is selected on your device. Move your device closer to the karaoke machine.
Lyrics not appearing on TV	Ensure the RCA video cable (yellow) is securely connected from the unit's VIDEO OUT to your TV's video input. Select the correct video input source on your TV. Only CD+G discs display lyrics.

SPECIFICATIONS

