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› [YICBOR FC-143 Sewing Machine Foot Control Pedal Instruction Manual](#)

## YICBOR FC-143

# YICBOR FC-143 Sewing Machine Foot Control Pedal Instruction Manual

## 1. PRODUCT OVERVIEW

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This manual provides instructions for the YICBOR FC-143 Sewing Machine Foot Control Pedal. This unit is a carbon pile foot control designed for single-speed operation, featuring integrated connections for both the sewing machine motor and light. It operates on 110/120V electrical systems.



Image 1.1: The YICBOR FC-143 foot control pedal, showing the main pedal unit and the attached motor and light block.

## 2. COMPATIBILITY

This foot control pedal is guaranteed to fit a wide range of domestic and home sewing machine models. Please verify your machine's compatibility with the list below:

- **Alphasew:** PW200, PW200-ZZ, PW400, PW400-ZZ
- **Alco:** 7419
- **Brother:** 1681, 221A Galaxie, 320, 360, 451, 461, 661, 681, 741, 751, 761, 1781, XL1351, XL1561, XL706, XL711, XL781, XL791, XL851
- **Domestic:** 468
- **Dressmaker:** 495, 7000, S-1000, S-3000
- **Good HouseKeeper:** 555
- **Home Maker:** 2345-TW
- **Janome (New Home):** 444, 532, 556, 592, 670, 692
- **Montgomery Wards:** 7 Jewel, R103, UHT1261, UHT-J1414, UHT-J1276
- **Morse:** 300, 350, 600, 4100, 4300, 4400, Duo-Matic, MZZ, Power Stitch, Zig Zag
- **Necchi:** 512 Lelia, 513 Lelia, 514 Lelia, 534, 536, 574

- **Riccar:** 555FB, 555SU, 666FA, 666SU, 606, 706, 707, 7500, 777, 800R, R916, RZ208-B, RM750, SZ702
- **Singer:** 3503, 3507, 3508, 3514, 3515
- **Universal:** KNS, Super Deluxe 142-B, UNL-60
- **White:** 1065, 1066, 1088, 1365, 1563, 1776 Super ZigZag, 530, 568, 620, 622
- **Alternate Part Numbers:** 001002409

### 3. SETUP INSTRUCTIONS

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Before connecting, ensure your sewing machine is unplugged from the power outlet.

1. **Identify Connections:** Locate the motor and light input ports on your sewing machine. These are typically distinct ports designed for these specific connections.
2. **Connect Motor and Light:** Plug the motor and light cords from the FC-143 pedal's block into the corresponding ports on your sewing machine. The block is clearly labeled "MOTOR" and "LIGHT" for correct identification.
3. **Connect to Power:** Plug the main power cord of the FC-143 pedal into a standard 110/120V electrical outlet.
4. **Position Pedal:** Place the foot pedal on the floor in a comfortable position for operation, ensuring the cords are not tangled or obstructing movement.



Image 3.1: Close-up view of the foot pedal, highlighting the 'ELECTRONIC' label and the attached power cord, ready for connection.

## 4. OPERATING INSTRUCTIONS

The YICBOR FC-143 foot control pedal is designed for single-speed operation.

1. **Power On:** Ensure the sewing machine is switched on (if it has a separate power switch).
2. **Initiate Operation:** Gently press down on the foot pedal to activate the sewing machine motor.
3. **Speed Control:** This pedal provides a single, consistent speed when pressed. It is not designed for variable speed control. The motor will run at its designated speed as long as the pedal is depressed.
4. **Stop Operation:** Release pressure from the foot pedal to stop the sewing machine motor.

## 5. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your foot control pedal.

- **Cleaning:** Wipe the pedal's exterior with a dry or slightly damp cloth. Avoid using harsh chemicals or abrasive cleaners. Ensure no moisture enters the internal components.
- **Cord Inspection:** Periodically inspect the power cord and connection wires for any signs of wear, fraying, or damage. If damage is observed, discontinue use and replace the unit.
- **Storage:** Store the pedal in a dry, clean environment away from extreme temperatures and direct sunlight when not in use. Avoid coiling the cord too tightly to prevent damage.

## 6. TROUBLESHOOTING

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If you encounter issues with your YICBOR FC-143 foot control pedal, refer to the following common solutions:

- **Pedal Not Responding:**
  - Ensure all connections are secure: the motor and light plugs into the sewing machine, and the main power cord into the wall outlet.
  - Verify the wall outlet is functional by plugging in another device.
  - Check if the sewing machine's power switch (if applicable) is in the 'ON' position.
- **Motor Runs Constantly or Sticks:**
  - Immediately unplug the unit from the wall outlet.
  - Inspect the pedal mechanism for any obstructions or debris that might be preventing it from returning to the 'off' position.
  - If the issue persists after clearing obstructions, the internal mechanism may be faulty, and the unit may require replacement.
- **No Variable Speed:**
  - This pedal is designed for *single-speed* operation. It does not offer variable speed control. The motor will run at a consistent speed when the pedal is pressed. This is a design characteristic, not a malfunction.

## 7. SPECIFICATIONS

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Refer to the table below for detailed product specifications:

Feature	Detail
Model Number	FC-143
Power Input	110/120V
Type	Carbon Pile Foot Control
Speed Control	Single Speed
Integrated Functions	Motor Block, Light Block

Feature	Detail
Package Dimensions	7.32 x 6.02 x 3.35 inches
Item Weight	13.4 ounces
Manufacturer	YICBOR
Date First Available	January 14, 2021

## 8. WARRANTY AND SUPPORT

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For warranty information, technical support, or replacement parts, please contact YICBOR directly through their official channels. Keep your purchase receipt as proof of purchase.