

ULTRA
FURNITURE DESIGN
owners manual
■ U-232



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READ ALL INSTRUCTIONS BEFORE USING

If adjustable base does not operate or if parts are missing, call:
1-800-888-3078

ADVISORY

IMPORTANT INFORMATION

READ THE FOLLOWING INFORMATION CAREFULLY BEFORE USING THIS PRODUCT



WARNING

FOR OPTIMUM ADJUSTABLE BASE OPERATION, USE A GROUNDED, ELECTRICAL SURGE PROTECTION DEVICE (NOT INCLUDED). FAILURE TO USE A SURGE PROTECTION DEVICE COULD COMPROMISE SAFETY OR CAUSE PRODUCT MALFUNCTION.

ELECTRICAL RATING

Input: 100-240VAC, 50/60Hz, 1.6A. Output: 29VDC, 2A.

ELECTRICAL GROUNDING

This product is equipped with a polarized or grounded electrical power cord. The power cord will only fit into a grounded, electrical surge protection device (not included) or a grounded electrical outlet.

WARRANTY WARNING

Do not open any control boxes, motors or remote control devices (with the exception of the remote control battery compartment). The product warranty will be void if these components are tampered with. Do not attempt to alter component wiring or adjust or modify the structure of the product in any way or the warranty will be void. Any repair or replacement of base parts must be performed by authorized personnel.

LUBRICATION

This product is designed to be maintenance free. The lift motors are permanently lubricated and sealed—no additional lubrication is required. Do not apply lubricant to lift motor lead screws or any nylon nuts or the base may inadvertently creep downward from the elevated position.

SMALL CHILDREN / PETS WARNING

After the base is unboxed, immediately dispose of packaging material as it can smother small children and pets. To avoid injury, children or pets should not be allowed to play under or on the base. Children should not operate this base without adult supervision.

LOCATION ENVIRONMENT

The level of sound experienced during operation is directly related to the location environment. For example, when a base is located on a hardwood floor with the massage feature in operation, a vibrating tone will be audible.

PACEMAKER WARNING

This product produces a vibrating sensation. It is possible that individuals with heart-assist pacemakers may experience a sensation similar to exercise. Consult physician for complete information.

MESSAGE OPERATION

The massage feature will emit a minimal tone during operation. This is normal. When the massage level is increased, motor resonance will intensify accordingly.

PRODUCT RATINGS

The base lift motors are *not* designed for continuous use. Reliable operation and full life expectancy will be realized as long as the lift motors do not operate any more than two (2) minutes over a twenty (20) minute period, or approximately 10% duty cycle. **Note: Massage equipped bases are not designed for continuous, extended massage operation. Massage systems are rated for a maximum of 2 hours of use within any 6 hour period.** Any attempt to circumvent or exceed product ratings will shorten the life expectancy of the product and may void the warranty.

The recommended weight restrictions for these adjustable bases is 850 lb (385 kg) all sizes. The base will structurally support the recommended weight distributed evenly across the head and foot sections. This product is not designed to support or lift this amount in the head or foot sections alone. **Note: Exceeding the recommended weight restrictions could damage the base and void the warranty.** Depending on the size and/or model of mattress, the available weight capacity may be less.

For best performance, consumers should enter and exit the adjustable base with the base in the flat (horizontal) position. **DO NOT SIT ON THE HEAD OR FOOT SECTIONS WHILE IN THE RAISED POSITION.**

Motors and electronics have been ETL tested to UL (Underwriters Laboratories) standard UL962. CFR 1633 approved for use with most mattresses. Assembled in USA.

ADVISORY

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HOSPITAL USE DISCLAIMER

This base is designed for in-home use only. It is not approved for hospital use and does not comply with hospital standards. Do not use this base with tent type oxygen therapy equipment, or use near explosive gases. Manufacturer makes no representation or warranty that the adjustable base constitutes a medical device or is suitable for medical or therapeutic use.

LIFTING/LOWERING MECHANISMS

The lift/lower feature will emit a minimal humming sound during operation. This is normal.

During operation, the lift arm wheels make contact with the platform support of the base. This applies slight tension on the moving components and resonance is reduced to a minimum level. If excessive noise or vibration is experienced, reverse the movement action (up or down) of the base with the remote control. This should realign the base's activating mechanisms to the proper operational position.

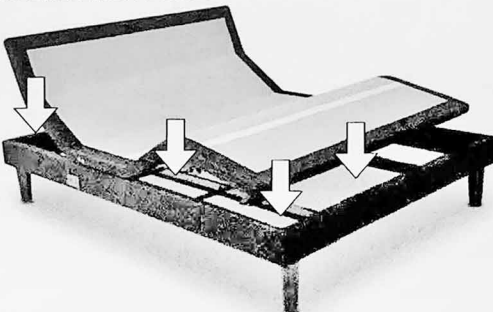
PINCH POINT WARNING



WARNING

DURING BASE OPERATION, GAPS (PINCH POINTS) ARE CREATED (ARROWS IN FIGURE 1). A CHILD, A PERSON'S LIMB, OR A PET CAN BECOME ENTRAPPED AT THESE LOCATIONS. DURING USE, AND WHEN BASE IS IN THE RAISED POSITION, ALWAYS KEEP GAP AREAS (PINCH POINTS) CLEAR AND KEEP ALL LIMBS ON TOP OF BASE. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY OR DEATH.

FIGURE 1
TYPICAL PINCH POINTS



SERVICE REQUIREMENTS

Service technicians are not responsible for moving furniture, removing headboards and footboards or any items required to perform maintenance on the base. In the event the technician is unable to perform service due to lack of accessibility, the service call will be billed to the purchaser and the service will have to be rescheduled.

FCC COMPLIANCE

The 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 when the equipment is operated in a residential environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, 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 off 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.

This device complies with Part 15 of the FCC rules. Operation is subject to the following 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Radio Frequency = 2.4 GHz.

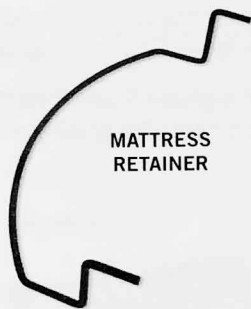
ASSEMBLY

To assemble adjustable base, complete the following procedure:

STEP 1

Open the base shipping carton and verify the following items are included:

- (1) Mattress Retainer
- (4) Bed Legs
- (4) Plastic washers (for leg installation)
- (1) Remote Control
- (3) AAA batteries
- (1) Sync Cable (split sizes only)
- (1) Power Supply
- (1) Owners Manual
- (1) Warranty Activation Card



MATTRESS
RETAINER



STACKABLE WOOD
LEG
(4 pieces)



PLASTIC WASHERS
(for leg installation)
(4 pieces)



REMOTE CONTROL



3-AAA BATTERIES



SYNC CABLE
split sizes only



POWER SUPPLY
(power brick, electrical feed
cord, and electrical power cord)
factory assembled



OWNERS MANUAL



WARRANTY
ACTIVATION CARD

ASSEMBLY

STEP 2

Extend power cord out head end of base. Set the hardware box aside. Cut the zip-tie and remove the mattress retainer.

STEP 3a

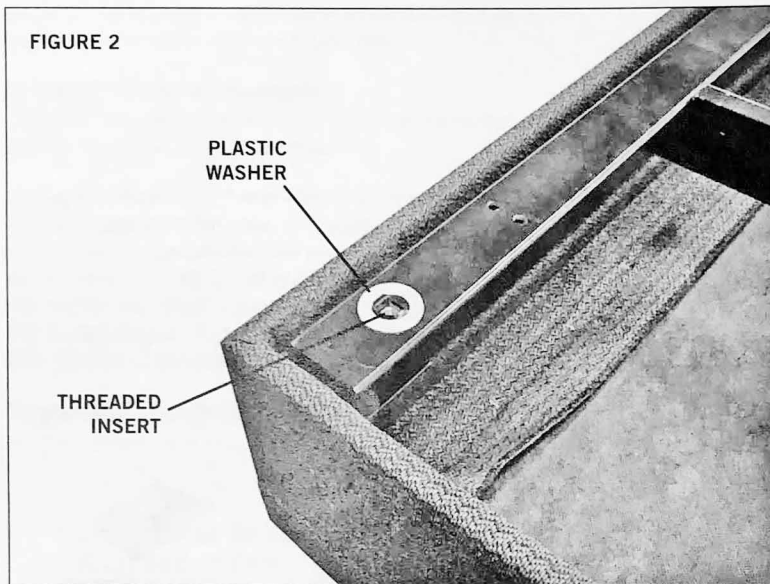
Place (1) plastic washer over the (1) threaded insert at the (4) corners of the base frame (FIGURE 2).



WARNING

POWER CORDS MUST NOT INTERFERE WITH ANY ADJUSTABLE BASE MECHANISMS. DO NOT WEAVE CORDS THROUGH BASE STRUCTURE.

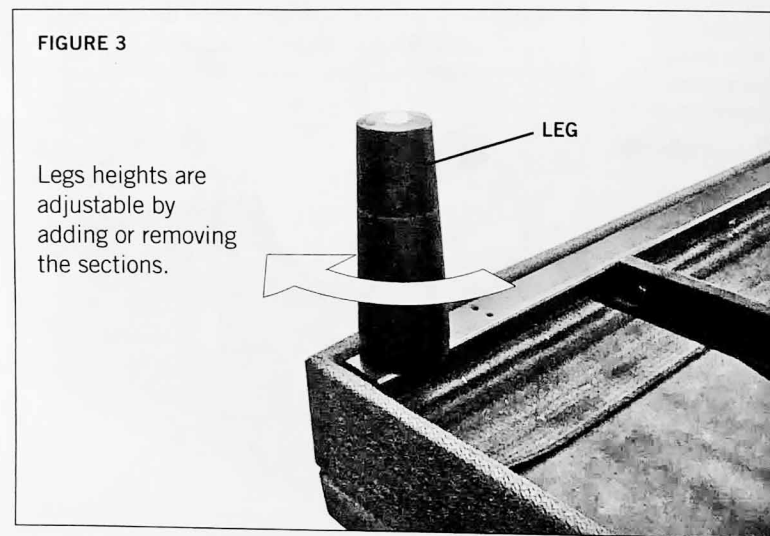
FIGURE 2



STEP 3b

Screw the legs into the threaded inserts (on top of the washers, at the (4) corners (FIGURE 3).

FIGURE 3



ASSEMBLY

STEP 4

Rotate the base in the bottom shipping carton onto its edge, and then rotate the base over onto its legs.

STEP 5

Remove remaining packaging and any protective film.

STEP 6

Plug the base into an electrical power source. Note: An electrical surge protection device is recommended, but not included.

STEP 7

Install 3-AAA batteries in the remote control. Operate remote control to verify base functions properly. If base does not operate, see the Troubleshooting section.

STEP 8

Lower base to flat position.

MATTRESS RETAINER INSTALLATION (OPTIONAL)

Base is equipped with a Micro-Hook™ system to captivate the mattress as shown in FIGURE 4, but a mattress retainer can also be used.

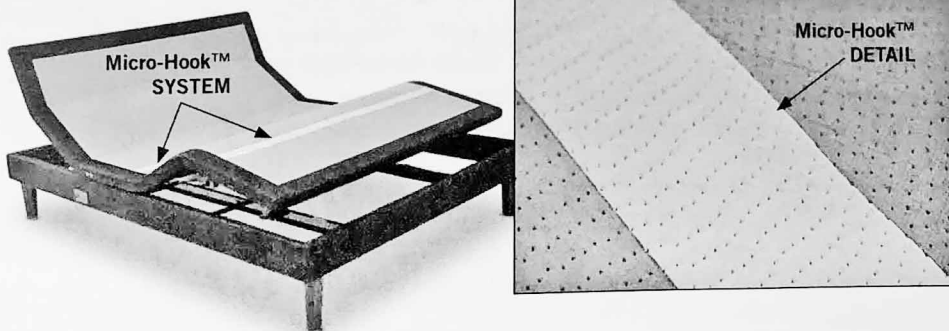
Important: If using a dust ruffle or mattress encasement with this product, a mattress retainer must be used.



WARNING

DUE TO RISK OF INJURY, TWO ADULTS ARE REQUIRED TO HANDLE AND MOVE ADJUSTABLE BASE.

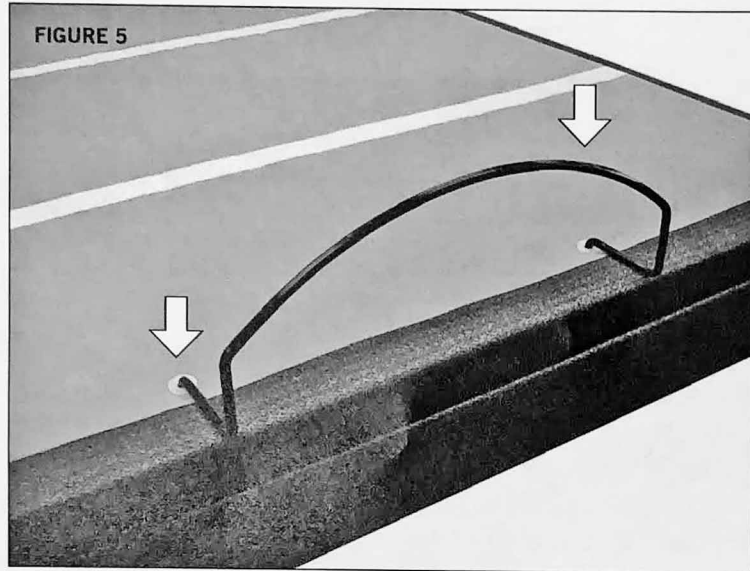
FIGURE 4



ASSEMBLY

STEP 9

Install the mattress retainer by placing the mattress retainer ends in the holes at the foot end of the base. Make sure horizontal bar section is flush against the base (FIGURE 5).

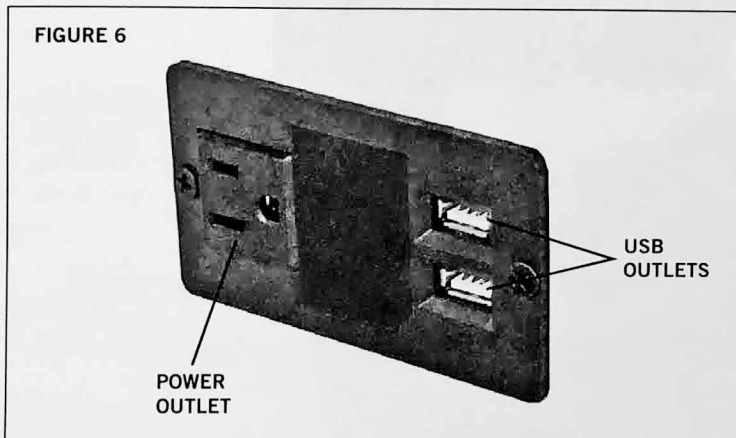


STEP 10

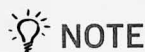
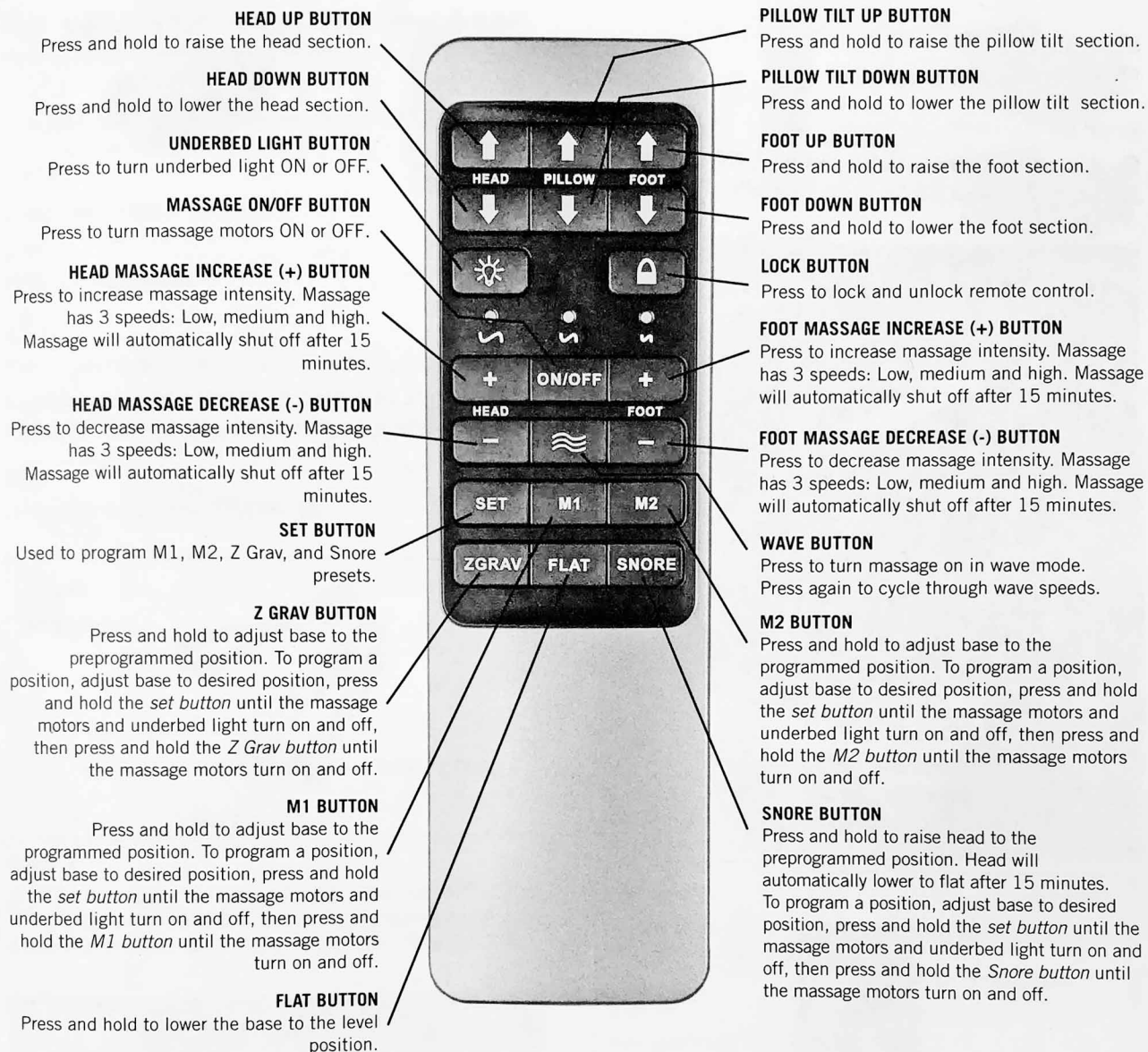
Place mattress on base to complete assembly.

USB / POWER OUTLETS

These bases are equipped with working USB and power outlets located on either side of the base that allow you to charge low voltage electronic devices such as cell phones, tablets, and/or laptops directly from the base (FIGURE 6). Note: USB / power outlet is for charging convenience only. Remove USB charging cord and/or power cord from USB / power outlet before entering or exiting base. If an extended charging period is needed, it is recommended to use the wall outlet.



REMOTE CONTROL FUNCTION



NOTE

REMOTE CONTROL REQUIRES (3) AAA SIZE BATTERIES. TO CONSERVE BATTERY LIFE, THE TRANSMITTER TURNS OFF ALL FUNCTIONS WHEN ANY BUTTON IS PRESSED FOR MORE THAN 50 SECONDS.

PRESS & HOLD TO ONE TOUCH

Note: If using 2 remotes to operate 1 or more bases, both remotes must be set to the same "press & hold" or "press & touch" mode.

To change remote control functions from "press and hold" to "one touch" ("one touch" = press and release), simultaneously press the **HEAD MESSAGE DOWN** and **FOOT MESSAGE DOWN** buttons for 5 seconds. The message motor and underbed light will turn on and off confirming the change. Your base is now set to "one touch."

When in "one touch" mode:

M1, M2, Z Grav, and Snore buttons

Press and release (one touch) button. Base will adjust to the programmed position. Press any other button to stop the base during movement.

Flat button

Press and release (one touch) button. Base will shut off message motor, if active, and adjust base to level position. Press any other button to stop the base during movement.

To revert back to **factory settings**, simultaneously press and hold the **SET** button and the **FLAT** button for 5 seconds. The message motor will turn on and off confirming the change. Your base is now set to factory settings. *Note: M1, M2, Z Grav, and Snore positions will revert to factory preprogrammed positions.*

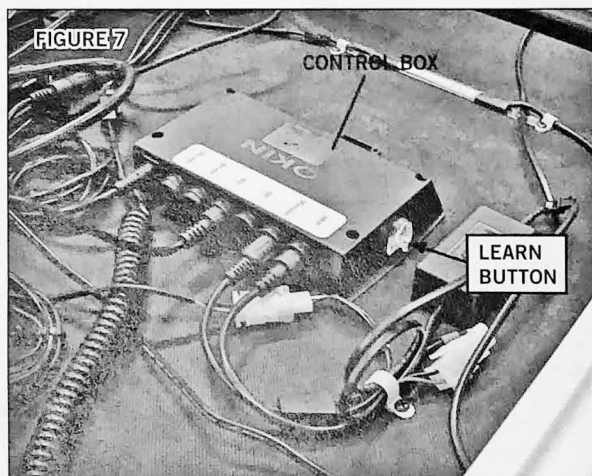
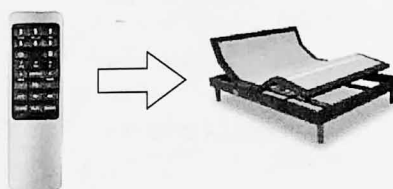
REMOTE CONTROL PROGRAMMING - 1 REMOTE TO OPERATE 1 BASE

STEP 1

Plug base into power outlet.

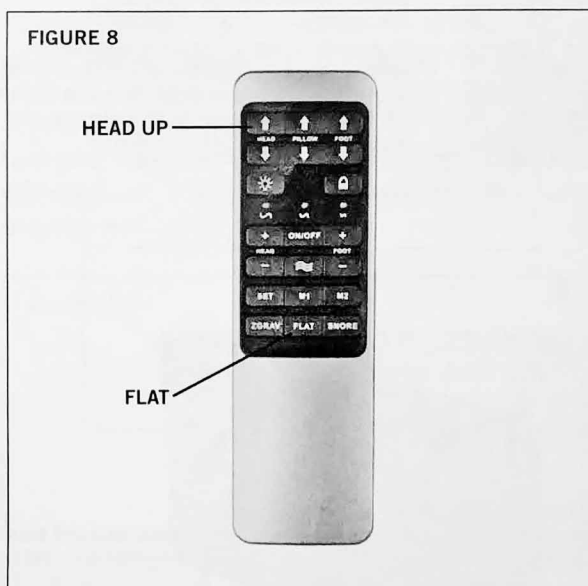
STEP 2

Double-click the learn button on the control box (FIGURE 7). The LED turns on (becomes green).



STEP 3

Simultaneously press and hold both the HEAD UP and FLAT buttons on the remote control (FIGURE 8) until the LED turns off, then release the buttons.



STEP 4

Operate the remote control to verify the base functions correctly.

REMOTE CONTROL PROGRAMMING - 1 OR 2 REMOTES TO OPERATE 2 BASES

Note: Make sure both remotes are in "press & hold" mode before beginning procedure.

STEP 1

Plug both bases into power outlet. Operate each base with its respective remote control to verify the base functions properly.

Lower both bases to the flat position.

STEP 2

UNPLUG both bases.

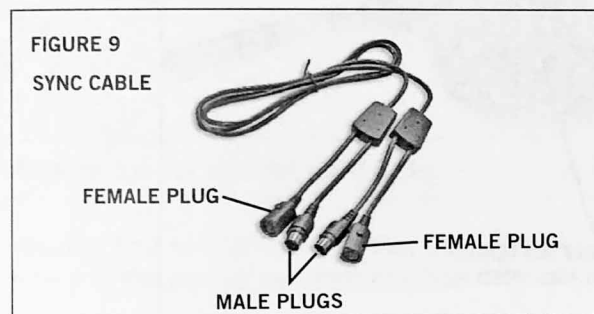
STEP 3

Place both bases on their sides close to each other.

CAUTION: DUE TO RISK OF INJURY, TWO ADULTS ARE REQUIRED TO HANDLE AND MOVE ADJUSTABLE BASE.

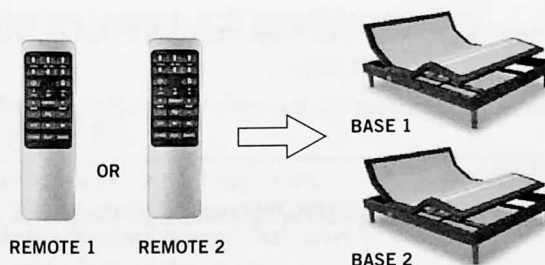
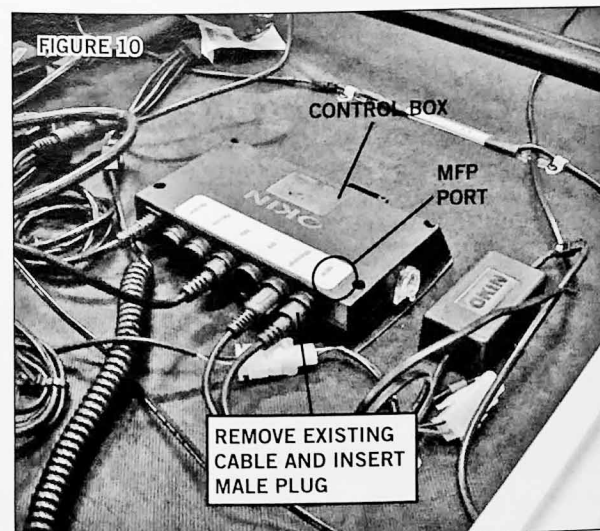
STEP 4

Locate the sync cable (FIGURE 9).



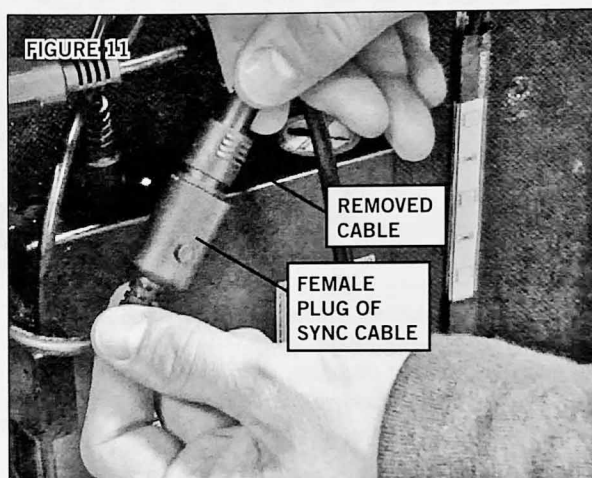
STEP 5

On base 1, unplug the existing cable from the MFP port of the control box (FIGURE 10). Insert one male plug of sync cable into the MFP port of the control box (FIGURE 10).



STEP 6

Insert removed cable into the female plug of the sync cable (FIGURE 11).



STEP 7

Repeat Steps 5 & 6 with base 2, using the remaining male and female plugs of the sync cable.

STEP 8

Turn both bases over onto their legs.

CAUTION: MAKE SURE SYNC CABLE IS NOT CAUGHT IN BASE OR PINCH POINTS.

STEP 9

Plug both bases back into power outlet.

STEP 10

Operate the remote control(s) to verify both bases function correctly. If using only one remote control to operate both bases, store the second remote for use as a spare.

Note: If bases do not operate in unison with the remote, verify dual sync cable connections are fully seated in both MFP ports. Unplug both bases, wait 10 seconds, then plug them back in.

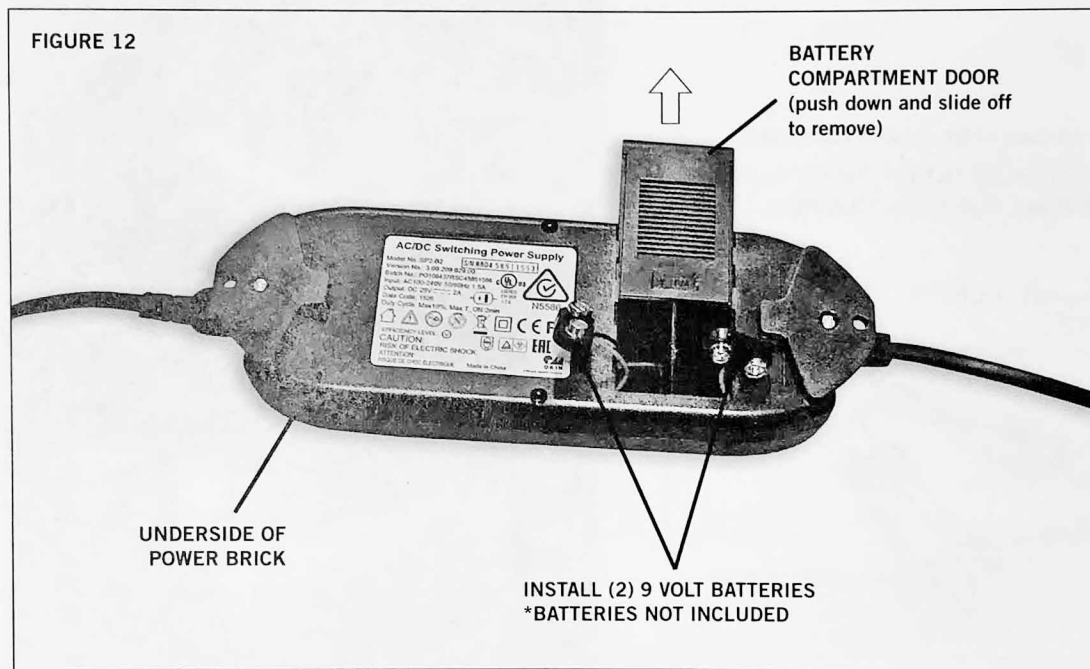
POWER DOWN OPERATION

Use this procedure to lower the base to flat during a power outage. Do NOT put batteries in power down device until necessary for use.

Note: Power down device uses 9-volt alkaline batteries, which are not included.

STEP 1

Insert (2) 9-volt alkaline batteries into the power brick (FIGURE 12).



STEP 2

Press the FLAT BUTTON on the remote control to adjust the base to the level position.

STEP 3

Remove batteries from power down device and discard.

Note: Batteries are good for only one use.

When power is restored from outage, base is ready to resume normal operation.

TROUBLESHOOTING

If the adjustable base fails to operate, investigate the symptoms and possible solutions provided in the chart below:

SYMPTOM	SOLUTION
Remote control illuminates and appears to be operable, but will not activate base.	<ul style="list-style-type: none"> • Verify power cord is plugged into a working, grounded electrical outlet. A grounded, electrical surge protection device is recommended. Test outlet by plugging in another working appliance. • If the base was operated over the rated duty cycle, thermal switch opens. Wait 30 minutes before trying to operate the base. Once the base resumes normal operation, do not exceed the duty cycle.
No features of the base will activate.	<ul style="list-style-type: none"> • Program the remote control (see <i>Remote Control Programming</i> section of this manual for programming procedures). • Unplug power cord, wait 30 seconds and plug in to reset electronic components. • Electrical circuit breaker may be tripped. Check electrical service breaker box to verify. • Defective surge protection device or electrical outlet. Test outlet by plugging in another working appliance.
Remote control will not illuminate.	<ul style="list-style-type: none"> • Replace batteries in the remote control.
Head or foot section will elevate, but will not return to the horizontal (flat) position.	<ul style="list-style-type: none"> • Base mechanism may be obstructed. Elevate base and check for obstruction. Remove obstruction. • Head section may be too close to the wall.
Excessive massage motor noise.	<ul style="list-style-type: none"> • If base is located on hard surface flooring, place carpet pieces or rubber caster cups under each leg or caster of the base. • Elevate the head or foot section a short distance (with the remote control) to realign the lift/lower mechanisms with the bed support platform. • Verify that the base is not positioned against a wall, nightstand, or other object that may cause vibration or noise. • If base is installed over a bed frame, verify massage motors are not causing bed frame (or bed frame components) to vibrate.