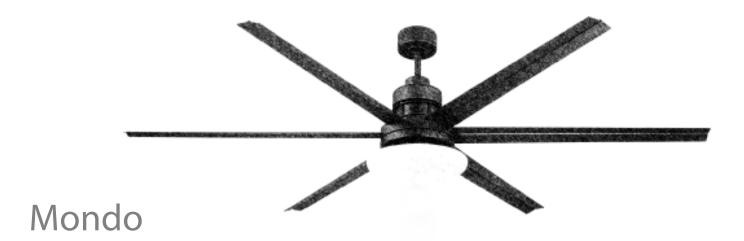
# CRAFTMADE

READ THESE INSTRUCTIONS AND SAVE THEM FOR FUTURE USE



### Installation Guide

For Model: MND80\*

\*BNK and SBFB finish is Indoor Use ONLY

▲ WARNING:
DC Motor will not operate until blades are installed



net weight of fan: 21.12 lb (9.58 kg)

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## Activating Your New Smart Fan; Downloading the Bond Home App

- Using your smart device, navigate to the application store (Apple App store or Google Play), download the free **Bond Home** app and create account.
- Ensure the fan and receiver are receiving power from the house supply using the remote control to turn the fan and light ON and OFF.
- Open the **Bond Home App** on your smart device and follow step-by-step instructions included in the app to add your fan.
- Enjoy fan features and functionality that you can only get from activating the fan through the app.



#### READ ALL INSTRUCTIONS AND SAFETY INFORMATION CAREFULLY BEFORE INSTALLING YOUR FAN AND SAVE THESE INSTRUCTIONS.

#### **A** WARNING

- To reduce the risk of electrical shock, turn off the electricity to the fan at the main fuse box or circuit panel before you begin fan installation or before servicing the fan or installing accessories.
- •To reduce the risk of fire, electrical shock, or personal injury, mount to the outlet box marked "Acceptable for Fan Support of 15.9 kg (35 lb) or less," and use the mounting screws provided with the outlet box. Most outlet boxes commonly used for the support of lighting fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.
- To reduce the risk of fire, electrical shock, or personal injury, wire connectors provided with this fan are designed to accept only one 12-gauge house wire and two lead wires from the fan. If your house wire is larger than 12-gauge or there is more than one house wire to connect to the corresponding fan lead wires, consult an electrician for the proper size wire connectors to use.
- To reduce the risk of fire or electrical shock, do not use this fan with any solid state speed control device or control fan speed with a full range dimmer switch. [Using a full range dimmer switch to control fan speed will cause a loud humming noise from fan.]
- To reduce the risk of personal injury, do not bend the blades during assembly or after installation. Do not insert anything between the fan blades while they are rotating.
- To reduce the risk of serious bodily injury, DO NOT use power tools to assemble any part of the fan, including the blades.
- To avoid personal injury or damage to the fan and other items, be cautious when working around or cleaning the fan.
- This fan MUST be installed with the safety cable provided with the fan. Failure to use the safety cable provided may result in personal injury, damage to the fan or damage to other property.
- Metal cover for use without light kit will be HOT if light is left on. To reduce the risk of personal injury, light kit must be OFF before
  installing metal cover.
- To reduce the risk of personal injury, use only parts provided with this fan. The use of parts OTHER than those provided with this fan will void the warranty.



#### CAUTION

- To avoid personal injury, the use of gloves may be necessary while handling fan parts with sharp edges.
- Do NOT tamper with or attempt to repair LED component of fixture. The light source is designed for this specific application and should not be serviced by untrained personnel. If any servicing is required, call our customer service department.
- Changes or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment. [The equipment refers to the remote and/or wall control and/or LED light kit.]
  - NOTE: 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.

- The LED light kit complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this LED light kit may not cause harmful interference, (2) this LED light kit must accept any interference received, including interference that may cause undesired operation.
- Make sure all electrical connections comply with Local Codes or Ordinances, the National Electrical Code, and ANSI/NFPA 70-1999. If
  you are unfamiliar with electrical wiring or if the house/building wires are different colors than those referred to in the instructions,
  please use a qualified electrician.
- 2. Make sure you have a location selected for your fan that allows clear space for the blades to rotate and at least seven (7) feet (2.13 meters) of clearance between the floor and the fan blade tips. The fan should be mounted so that the tips of the blades are at least thirty (30) inches (76 centimeters) from walls or other upright structures.
- 3. The outlet box and ceiling support joist used must be securely mounted, and capable of supporting at least 35 pounds (16 kilograms). The outlet box must be supported directly by the building structure. Use only CETL or CUL in Canada or ETL or UL in USA listed outlet boxes marked "FOR FAN SUPPORT."
- 4. Electrical diagrams are for reference only.
- 5. After installation is complete, check that all connections are absolutely secure.
- 6. After making electrical connections, spliced conductors should be turned upward and pushed carefully up into the outlet box. The wires should be spread apart with the grounded conductor and the equipment-grounding conductor on opposite sides of the outlet box.
- Do not operate the reverse switch until the fan has come to a complete stop. [Note: If using remote control with reverse capability, reverse fan blade direction only when on LOW speed.]
- 8. Do not use water or detergents when cleaning the fan or fan blades. A dry dust cloth or lightly dampened cloth will be suitable for most cleaning.
- 9. Light kit is dimmable to 10% with the remote control included.

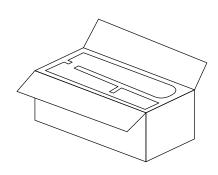
Distributed by: Craftmade, 3901 S 20th Avenue, DFW Airport, TX, 75261; 800-486-4892

**NOTE**: The important safety precautions and instructions appearing in the manual are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense and caution are necessary factors in the installation and operation of this fan.

### 1. Unpacking Your Fan.

Carefully open the packaging. Remove items from Styrofoam inserts. Remove motor housing and place on carpet or Styrofoam to avoid damage to finish. Do not discard fan carton or Styrofoam inserts should this fan need to be returned for repairs.

Check against parts inventory that all parts have been included.



### 2. Parts Inventory.

a. canopy. 1 piece

**b.** hanging bracket. 1 piece

c. downrod and hanging ball. 1 piece

d. motor housing. 1 piece

e. fitter plate. 1 piece

f. LED light kit. 1 piece

g. yoke cover. 1 piece

h. blade plate. 6 pieces

i. blade. 6 pieces

j. canopy cover. 1 piece

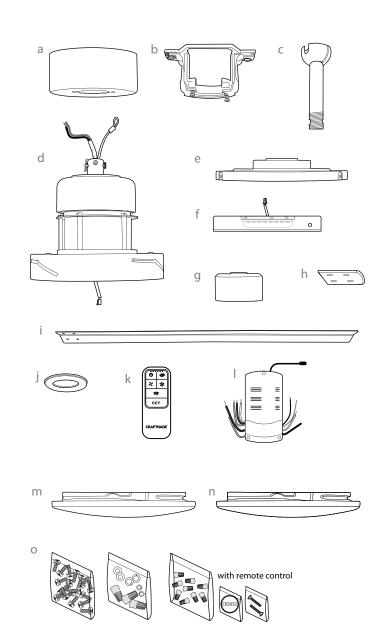
k. remote control transmitter. 1 piece

I. remote control receiver. 1 piece

m. shade. 1 piece

**n**. metal cover. 1 piece

o. hardware packs



IMPORTANT REMINDER: You must use the parts provided with this fan for proper installation and safety.

#### 3. Installation Preparation.

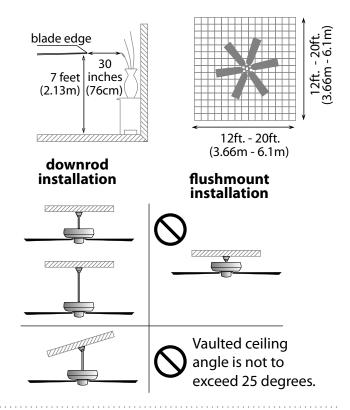
To prevent personal injury and damage, ensure that the hanging location allows the blades a clearance of 7 feet (2.13m) from the floor and 30in. (76cm) from any wall or obstruction.

This fan is suitable for room sizes up to 400 square feet (37.2 square meters).

This fan can be mounted with a **downrod** on a regular (no-slope) or vaulted ceiling. The hanging length can be extended by purchasing a longer downrod (0.5in./1.27cm diameter). Other installation, such as **flushmount**, is *not* available for this fan.

#### Installation requires these tools:

Phillips screwdriver, flathead screwdriver, adjustable pliers or wrench, stepladder, wire cutters, and rated electrical tape



### 4. Hanging Bracket Installation.

Turn off circuit breakers to current fixture from breaker panel and be sure operating light switch is turned to the OFF position.

**WARNING:** Failure to disconnect power supply prior to installation may result in serious injury.

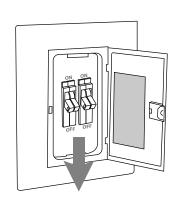
Remove existing fixture.

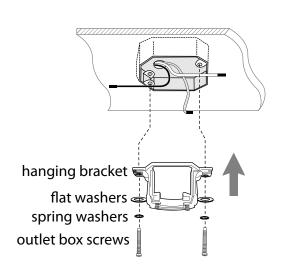
**WARNING:** When using an existing outlet box, be sure the box is securely attached to the building structure and can support the full weight of the fan. Ensure it is clearly marked "Suitable for Fan Support." If not, it must be replaced with an approved outlet box. Failure to do so can result in serious injury.

**A CAUTION**: Be sure outlet box is grounded and that a ground wire (**GREEN** or bare) is present.

Install hanging bracket to outlet box using original screws, spring washers and flat washers provided with new or original outlet box.\* If installing on a vaulted ceiling, face opening of hanging bracket towards high point of ceiling. Arrange electrical wiring around the back of the hanging bracket and away from the bracket opening.

\***Note**: It is very important that you use the proper hardware when installing the hanging bracket as this will support the fan.





#### 5. Fan Assembly.

Remove hanging ball from downrod provided by loosening set screw on hanging ball. Lower hanging ball and remove stop pin and then slide hanging ball off of the downrod. [Refer to diagram 1.]

Loosen yoke set screws and nuts at top of motor housing. Remove pin and clip from motor housing yoke. [Refer to diagram 2.]

**Tip:** To prepare for threading electrical wires through downrod, apply a small piece of electrical tape to the ends of the electrical wires--this will keep the wires together when threading them through the downrod. [Refer to diagram 2.]

Determine the length of downrod you wish to use. Thread safety cable and electrical wires through threaded end of downrod and pull extra wire slack from the upper end of the downrod. [Refer to diagram 2.]

Thread downrod into the motor housing yoke until holes for pin and clip in downrod align with holes in yoke--make sure wires do not get twisted. Re-insert pin and clip that were previously removed. Tighten yoke set screws and nuts securely. [Refer to diagram 2.]

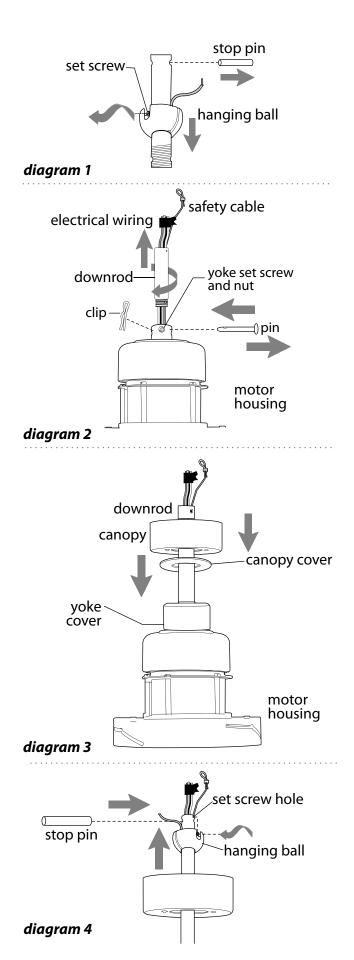
Slide yoke cover, canopy cover and canopy over downrod. [Refer to diagram 3.] (Note: Canopy cover must be turned with shiny side toward the motor housing.)

Thread safety cable and wires through hanging ball and then slide hanging ball over downrod--the top of the downrod should be noted as having a set screw hole; use this hole when setting the set screw. Insert stop pin into top of downrod and raise hanging ball. Be sure stop pin aligns with slots on the inside of the hanging ball. Tighten set screw securely. [Refer to diagram 4.]

**A WARNING**: Failure to tighten set screw (on hanging ball) completely could result in the fan becoming loose and possibly falling.

#### ["Fan Assembly" continued on next page.]

**NOTE**: The important safety precautions and instructions appearing in the manual are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense and caution are necessary factors in the installation and operation of this fan.



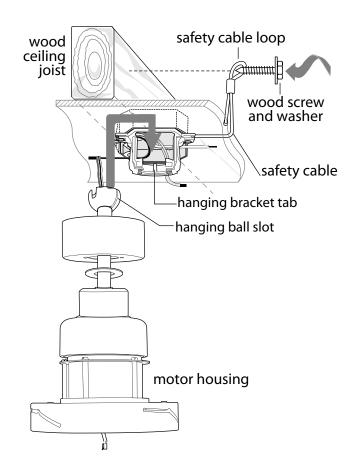
### 5. Fan Assembly. (cont.)

With the hanging bracket secured to the outlet box and able to support the fan, you are now ready to hang your fan. Grab the fan firmly with two hands. Slide downrod through opening in hanging bracket and let hanging ball rest on the hanging bracket. Turn the hanging ball slot until it lines up with the hanging bracket tab.

**WARNING**: Failure to align slot in hanging ball with tab in hanging bracket may result in serious injury or death.

**Tip**: Seek the help of another person to hold the stepladder in place and to help lift the fan up to you once you are set on the ladder.

Find a secure attachment point (wood ceiling joist highly recommended) and secure safety cable. It will be necessary to use a heavy duty wood screw, washer and lock washer (not supplied) with the safety cable loop. If necessary, adjust the loop at the end of the safety cable. The loop at the end of the safety cable should just fit over the threads on the wood screw. Test safety cable by pulling on loose end with pliers. If the safety cable slips, the loop must be adjusted tighter. Extra cable slack can be left in ceiling area.



#### 6. Wiring.

**WARNING**: Turn off circuit breakers to current fixture from breaker panel and be sure switch is turned to the OFF position.

**A CAUTION**: Be sure outlet box is properly grounded and that a ground wire (**GREEN** or Bare) is present.

Make sure all electrical connections comply with Local Codes or Ordinances and the National Electrical Code. If you are unfamiliar with electrical wiring or if the house/building wires are different colors than those referred to in the diagram to the right, please use a qualified electrician.

**Note**: Excess lead wire length from the fan can be cut to the desired length and then stripped.

When downrod is secured in place on the hanging bracket, wire the **RECEIVER** with wire connectors provided *as shown in diagram at right*.

**Tip**: While you are wiring, keep in mind that wires must not obstruct receiver from sliding into hanging bracket.

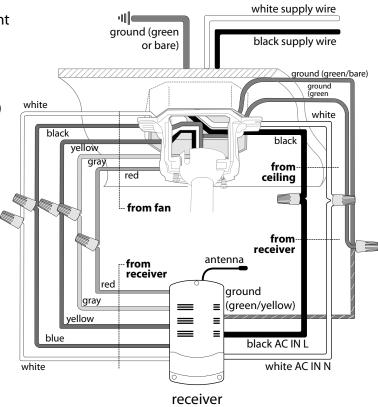
\* Wrap each wire connector separately with electrical tape as an extra safety measure.

Gently insert receiver (flat side up) into hanging bracket and carefully push wires and taped wire connectors into outlet box. Let antenna rest *outside* of hanging bracket.

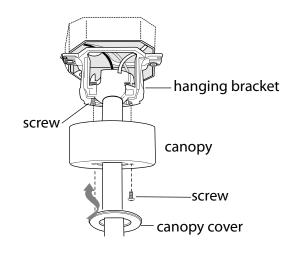
### 7. Canopy Assembly.

Locate 2 screws on underside of hanging bracket and remove screw closest to the open end of the hanging bracket. Partially loosen the other screw. Lift canopy to hanging bracket. Place rounded part of slotted hole in canopy over loosened screw in hanging bracket and push up. Twist canopy to lock. Re-insert screw that was removed, and then tighten both screws securely.

Slide canopy cover up to canopy, aligning rounded part of slotted holes in canopy cover with screw heads in bottom of canopy. Turn canopy cover to the right (clockwise) until it stops.







### 8. Blade Assembly.

**WARNING**: To reduce the risk of serious bodily injury, DO NOT use power tools to assemble the blades. If screws are overtightened, blades may crack and break.

Locate 24 blade attachment screws/lock washers in hardware pack. Slide blade through one of the narrow, rectangular openings on motor housing, aligning holes in blade with holes in blade arm (located on the underside of the motor housing)--refer to drawing at right. Then, place blade plate over holes in blade arm, making sure to align all 4 holes, as shown in drawing at right. Partially insert 4 blade attachment screws (along with washers). Securely tighten screws with Phillips screwdriver only after all 4 screws have been inserted. Repeat procedure for remaining blades.

blade arm blade plate

tighten ews have ordes

**Note**: Tighten blade attachment screws twice a year.

### 9. Light Kit Assembly. (optional)

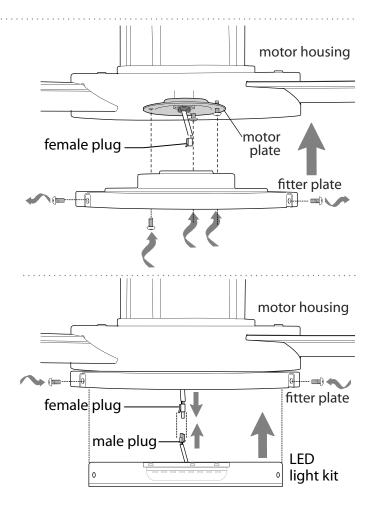
Remove 3 screws from outer edge of fitter plate (save screws for later use).

Remove 1 screw from motor plate on underside of motor and partially loosen the other 2 screws. Align slotted holes in center of fitter plate with loosened screws in motor plate, allowing female plug from motor housing to come through hole in middle of fitter plate. Twist fitter plate to lock. Re-insert screw that was removed and secure all screws.

Connect female plug from motor housing to male plug from LED light kit. Be sure connections snap together securely.

Carefully arrange wiring within fitter plate. Align holes on outer edge of LED light kit with holes on outter edge of fitter plate. Re-insert screws that were previously removed and securely tighten all 3 screws with a Phillips screwdriver.

["Light Kit Assembly" continued on next page.]

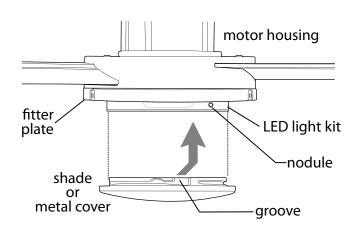


#### 9. Light Kit Assembly. (cont.)

If you wish to USE the light kit, align grooves on shade with nodules on inside of LED light kit and push up gently on shade. Turn shade to the RIGHT (clockwise) until shade locks into place. Pull down VERY GENTLY on shade to make sure that shade is secure.

If you do NOT wish to use the light kit, align grooves in metal cover with nodules on inside of LED light kit. Push up on metal cover and then turn metal cover to the RIGHT (clockwise) until it no longer turns.

**WARNING**: Metal cover will be HOT if light is left on.



### 10. Automated Learning Process./Activating Code.

**A CAUTION**: The remote control transmitter can be programmed to multiple receivers or fans. If this is not desired, turn wall switch off to any other programmable receiver or fan.

Remove battery cover on backside of remote control by loosening screw on battery cover. Then use tab to open battery compartment. Install one 3-volt battery, size CR2032 (included).

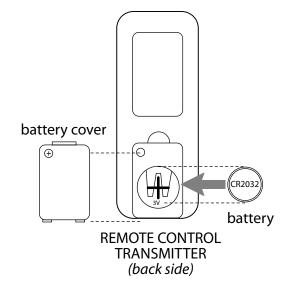
**A WARNING**: Battery is to be inserted with the correct polarity.

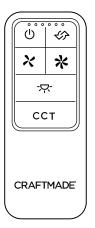
Restore electrical power.

NOTE: The remote control and receiver are pre-programmed from the factory. Should the remote control transmitter and receiver lose programming, follow these directions to re-[rogram: *Turn the power off first*. Restore power and within 60 seconds of restoring the power, press and hold the fan **POWER** button (也) on the <u>remote control</u> for 5 seconds (or until fan blades begin to turn.) Test the light and fan functions to confirm the learning process is complete--*see Section 13*.

Re-attach battery cover and re-tighten screw

["Automated Learning Process/Activating Code" continued on next page.]





REMOTE CONTROL TRANSMITTER (front)

#### 10. Automated Learning Process./Activating Code. (cont.)

**IMPORTANT**: Store the remote control away from excess heat or humidity. To prevent damage to remote control, remove the battery if remote control will not be used for long periods.

**NOTE**: Remove battery with low or no charge and dispose of properly.

**CAUTION**: "DO NOT DISPOSE OF BATTERIES IN FIRE, BATTERIES MAY EXPLODE OR LEAK." - When disposing of household alkaline batteries, it is best to check with your local and state recycling or household hazardous waste coordinators concerning the specifics of the program in your area. You may also locate a recycling center by calling 1-800-8-BATTERY or 1-877-2-RECYCLE or visit www.epa.gov/epawaste/index.htm or www.earth911.org for more information.

▲ WARNING: Choking/Ingestion Hazard - Small parts. Keep battery away from children. Keep new and used batteries out of reach of children. DEATH or serious injury can occur if ingested. A swallowed button cell or coin battery can cause internal Chemical Burns in as little as 2 hours. Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body. For treatment information call the National Battery Ingestion Hotline: 1-800-498-8666.

**A WARNING**: Battery is NOT rechargeable. Non-rechargeable batteries are not to be recharged.

### 11. Remote Control Operation.

- (button Turns fan ON/OFF
- ⇔ button Use to control fan direction
- button Use to decrease fan speed. Blue LED ligths will show the current speed.
- button Use to increase fan speed. Blue LED lights will show the current speed.
- · 다 button Use to turn light ON/OFF. Hold to use dim function
- CCT button Use to change the LED color temperature

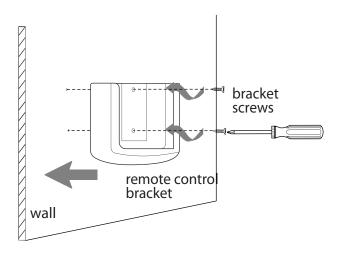
Option 1 : Warm White Option 2 : Bright White

Option 3: Daylight



handheld remote control

If you wish to use the remote control bracket, install screws from hardware pack through bracket and into the desired installation site *as shown at right*. The remote control transmitter rests inside the bracket.



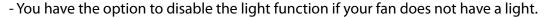
#### 12. Activating Your Ceiling Fan Smart Features. (Optional)

To enjoy all your ceiling fan smart features (such as Breeze speed setting, Schedules, Voice Activation, and more), you must connect it to your Wi-Fi network.

#### Please follow these steps:

- 1. Download the **Bond Home App**, available on the Google Play Store and Apple App Store, or use the QR code to download the app.
- 2. Open the **Bond** application.
  - If you already have a **Bond** account, simply log in and continue to Step 3. If you do not have a **Bond** account, press "**Create Account**" and enter your name, email and create a password.
- 3. Select "+" to add a device.
- 4. Select "Smart By Bond" (SBB).
- 5. Connect the **Bond Home App** to your ceiling fan by following the on-screen instructions. You can find your **Bond** Configuration ID in the ceiling fan packaging.
- **6**. Once the **Bond** application connects to the fan, select "**CONTINUE**" to proceed.





- 8. Select "YES, IT WORKS."
- **9**. Specify information about your fan:
  - -Select "**Location**" and choose from one of the predefined entries or add your own by selecting "**OTHER**". When finished, select "**Save**".
  - Select device name and enter the name for your device. When finished, select "OK" to save. **PLEASE NOTE**: The name you inform will be used by voice assistants (such as Google Assistant, Amazon Alexa, and others) so a simple, easy-to-remember name is optimal.
- 10. Select "Continue".
- 11. Select the Wi-Fi network you would like to connect the SBB to.
- **12**. Enter the Wi-Fi password and select "**OK**".
  - If there is an issue with the connection or wrong password is entered, you will receive an error message. Select "**OK**, **I've Got It**".
- 13. Once the connection is made, select "DONE".
- **14**. If the SBB fan is not displayed in the Bond application, swipe down to refresh.

For assistance at any time during this process, go to the "**Help**" section of the app:

- Tap on "Settings"
- Tap on "Help Center"
- Choose "Open a Ticket" or "Live Chat"





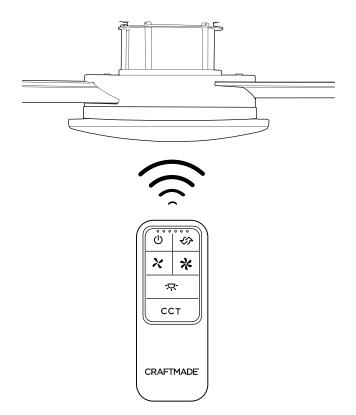
### 13. Testing Your Fan.

It is recommended that you test fan before finalizing installation. Restore power from circuit box and light switch (if applicable). Test the light ON/OFF function by pressing the button; test the dimmer function by pressing the button; test the dimmer function by pressing the button and holding it down for up to 5 seconds. Test fan speeds with the 2 different fan speed buttons \(\cdot\)/\(\cdot\). When changing fan speed the LEDs in the remote control will light to indicate current speed. If the handheld remote control operates all of the functions of the fan and light, the battery has been installed correctly. If the remote control does not operate all of the fan/light functions, refer to "Troubleshooting" section to solve any issues before contacting Customer Service.

Fan *must* be on LOW *before* setting the fan to reverse direction. Use the  $\Leftrightarrow$  button to recirculate air depending on the season. A ceiling fan will allow you to raise your thermostat setting in summer and lower your thermostat setting in winter without feeling a difference in your comfort.

**NOTE**: If the remote control interferes with other appliances, *turn power off first* and then go back to the instructions in Section 10 page 10.

**IMPORTANT**: Remote control must be synchronized with fan in order to properly function.



#### Troubleshooting.

**WARNING:** Failure to disconnect power supply prior to troubleshooting any wiring issues may result in serious injury.

**Problem:** Fan fails to operate. **Solutions:** 

- 1. Check wall switch to fan.
- 2. Check to be sure fan is wired properly.
- 3. Learning process between fan, and remote control transmitter may not have been successful and code was not activated. Turn off power and repeat instructions in Section 10, page 10.
- 4. Check that blue light on remote control turns on when a button is pressed indicating that the battery is good.
- 5. Verify receiver is wired properly.
- 6. Verify that connections in LED light kit are connected properly.

**Problem:** Light kit (optional) not lighting. **Solutions:** 

- 1. Check wall switch to fan.
- 2. Check to be sure wires in canopy are wired properly.
- 3. Verify that connections in LED light kit are connected properly.
- 4. Learning process between fan, and remote control transmitter may not have been successful and code was not activated. Turn off power and repeat instructions in Section 10, page 10.

**Problem:** Fan operates but light fails (if applicable). **Solutions:** 

- 1. Check to be sure wires in canopy are wired properly.
- 2. Verify that connections in LED light kit are connected properly.

**Problem:** Fan and light fail to operate with remote control.

#### **Solutions:**

- 1. Check battery power in remote control.
- 2. Learning process between fan, and remote control transmitter may not have been successful and code was not activated. Turn off power and repeat instructions in Section 10, page 10.

**Problem:** Fan wobbles.

#### **Solutions:**

- 1. Use the balancing kit provided in one of the hardware packs. If no blade balancing kit is provided, please call Customer Support, 800-486-4892, to request one.
- 2. Check to be sure set screw(s) on motor housing yoke is (are) tightened securely.
- 3. Check to be sure set screw on hanging ball is tightened securely.

#### Warranty.

#### CRAFTMADE LIMITED LIFETIME WARRANTY:

CRAFTMADE warrants this fan for use as intended under the following provision: CRAFTMADE will replace any fan which has faulty performance due to a defect in material or workmanship or fails to operate satisfactorily when failure results from normal use. Contact Craftmade Customer Service at 800-486-4892, Option 1 or via email at customerservice@craftmade.com.

In the event a product is no longer available, CRAFTMADE will make best efforts to offer a comparable product or credit towards another CRAFTMADE fan.

The purchaser shall be responsible for all costs incurred in the removal and reinstallation.

This warranty does not apply when damage from mechanical, physical, electrical or water abuse results in causing the malfunction. Deterioration of finishes or other parts due to time or exposure to salt air is specifically exempted under this warranty. Shades and light bulbs are not covered by this warranty but will be replaced if found broken at time of purchase.

Neither CRAFTMADE nor the manufacturer will assume any liability resulting from improper installation or use of this product. In no case shall the company be liable for any consequential damages for breach of this, or any other warranty expressed or implied whatsoever. This limitation as to consequential damages shall not apply in states where prohibited.

# Parts, Replacement or Technical Assistance.

For parts, replacement, technical assistance or additional information, please have the fan model number, name or picture available and contact Craftmade in one of the following ways:

Customer Support:

**800-486-4892**, Option 1

Technical Support:

**800-486-4892**, Option 2

Email:

customerservice@craftmade.com www.craftmade.com

CRAFTMADE

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