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NEU MASTER NFC55

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Model: NFC55

INTRODUCTION

Thank you for choosing the NEU MASTER Upgraded 18 Gauge Cordless Brad Nailer. This powerful tool features an air spring driving system and a brushless motor, designed for consistent firing power and extended durability. It is ideal for a variety of woodworking projects, including roofing, sheathing, framing, and general carpentry. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your tool.



Figure 1: NEU MASTER 18 GA Cordless Brad Nailer, showing the main unit, battery, and charger.

IMPORTANT SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating this tool. Failure to follow the warnings and instructions may result in serious injury.

- **Eye Protection:** Always wear appropriate eye protection (safety glasses or goggles) when operating the nailer.
- **Hand Placement:** Keep hands and body parts away from the discharge area of the tool.
- **Safety Pole:** The brad nailer gun will only trigger when the safety pole is fully pressed against the workpiece. This prevents accidental firing.
- **Dry-Fire Lockout:** The tool features a tool-free dry-fire lockout setting that prevents operation when the magazine is empty or missing nails, extending tool life.
- **No-Mar Tip:** Utilize the no-mar tip to protect your work surface from dent damage.
- **Battery Safety:** Use only the specified 20V Max battery and charger. Do not expose batteries to extreme temperatures or water.

- **Ventilation:** Ensure adequate ventilation when working in enclosed spaces.
- **Secure Workpiece:** Always secure your workpiece before nailing to prevent movement and potential injury.



Figure 2: Safety features including Dry Fire Lockout and Contact Safety Device.

WHAT'S IN THE BOX

Upon opening the package, verify that all components are present and undamaged.

- NEU MASTER 18 GA Cordless Brad Nailer
- 2.0Ah Li-ion Battery (20V Max)
- Battery Charger
- No-Mar Tips
- Instruction Manual

Note: Brad nails are NOT included and must be purchased separately.



Figure 3: Key components of the NEU MASTER Brad Nailer, including the battery, trigger, magazine, depth adjustment dial, and belt hook.

SETUP

1. Charging the Battery

Before first use, fully charge the 2.0Ah Li-ion battery.

1. Connect the battery charger to a standard power outlet.
2. Slide the battery onto the charger. Ensure it clicks into place.
3. Monitor the indicator lights on the charger:
 - **Blinking Green (Bottom Light)**: Standby mode.
 - **Solid Green (Top Light) & Blinking Red**: Charging in progress.
 - **Solid Green (Both Lights)**: Fully charged.
 - **Blinking Red (Both Lights)**: Problem with charger or battery.
4. A full charge typically takes approximately 60 minutes.
5. Once charged, remove the battery from the charger.



Figure 4: The 2.0Ah battery being charged by the dedicated charger, showing indicator lights.

2. Installing the Battery

Align the charged battery with the base of the nailer's handle and slide it firmly into place until it locks.

3. Loading Brad Nails

The nailer is compatible with 18 gauge brad nails ranging from 5/8" to 2-1/8" in length.

1. Ensure the tool is turned off and the battery is removed for safety.
2. Locate the quick-release magazine latch at the bottom of the magazine.
3. Pull the magazine follower back until it locks into place.
4. Insert a strip of brad nails into the magazine with the points facing down.
5. Release the magazine follower, allowing it to push the nails forward.

OPERATING INSTRUCTIONS

1. Powering On/Off

To turn the nailer on, press and hold the power button (circular button) for approximately 2 seconds. A blue light will illuminate, indicating the tool is active. To turn it off, press and hold the power button again for 2 seconds.

2. Selecting Firing Mode

The NEU MASTER Brad Nailer offers two firing modes:

- **Single Firing Mode:** Ideal for precision placement on delicate projects. In this mode, you must release the trigger after each nail is fired before pressing it again for the next nail.
- **Contact Firing Mode (Bump Fire):** Suitable for quick and efficient firing on larger projects. In this mode, you can hold down the trigger and repeatedly press the safety pole against the workpiece to fire nails in rapid succession.

To switch between modes, press and hold the mode selection button (next to the power button) for approximately 2 seconds. The indicator light will shift to show the currently selected mode.



Figure 5: Illustration of Single Firing and Contact Firing modes.

3. Adjusting Depth of Drive

The tool features a tool-free depth of drive adjustment for convenient control over nail penetration.

- Locate the depth adjustment dial near the nose of the tool.
- Rotate the dial to increase or decrease the nail's penetration depth. Turn clockwise for deeper penetration, counter-clockwise for shallower.
- Test on a scrap piece of material to achieve the desired depth before working on your main project.



Figure 6: Adjusting the depth of drive using the thumb turn dial.

4. Operating the Nailer

1. Ensure the battery is installed and nails are loaded.
2. Turn on the nailer using the power button.
3. Press the nose of the tool firmly against the workpiece, ensuring the safety pole is fully depressed.
4. Squeeze the trigger to fire a nail.

5. Release the trigger (for single firing) or lift the tool and re-engage the safety pole (for contact firing) to prepare for the next nail.



Figure 7: Examples of the nailer in use for different applications.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your NEU MASTER Brad Nailer.

- **Cleaning:** Keep the tool clean and free of dust and debris. Use a dry cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Magazine Inspection:** Periodically check the nail magazine for any obstructions or damage. Ensure the nail follower moves smoothly.
- **No-Mar Tip:** Inspect the no-mar tip for wear or damage. Replace if necessary to protect your work surfaces.
- **Storage:** Store the nailer, battery, and charger in a dry, cool place, away from direct sunlight and extreme temperatures. Remove the battery from the tool before storage.
- **Battery Care:** Fully charge the battery before long-term storage and recharge every 3-6 months to maintain battery health.

TROUBLESHOOTING

If you encounter issues with your NEU MASTER Brad Nailer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Nailer does not fire.	Battery not charged or installed correctly; Safety pole not fully depressed; Dry-fire lockout engaged (empty magazine).	Charge and install battery; Ensure safety pole is firmly pressed against workpiece; Load more nails into the magazine.
Nails not fully driven.	Depth adjustment too shallow; Low battery charge; Incorrect nail size for material.	Adjust depth setting deeper; Recharge battery; Ensure correct nail gauge and length for the material.
Nails jam frequently.	Incorrect nail size/type; Damaged nails; Debris in magazine; Worn driver blade.	Use recommended 18 gauge brad nails; Inspect nails for damage; Clean magazine; Contact customer support if driver blade is suspected.
Tool overheats.	Continuous heavy use; Blocked ventilation.	Allow tool to cool down; Ensure ventilation slots are clear.

If problems persist after attempting these solutions, please contact NEU MASTER customer support.

SPECIFICATIONS

Feature	Detail
Brand	NEU MASTER
Model Number	NFC55
Item Weight	9.88 pounds
Package Dimensions	15.7 x 14.4 x 5 inches
Battery Voltage	20 Volts
Battery Type	2.0Ah Li-ion (included)
Nail Gauge	18 GA
Nail Length Compatibility	5/8" ~ 2-1/8" (15-55 mm)
Magazine Capacity	100 nails
Motor Type	Brushless Motor
Driving System	Air Spring
Included Components	Battery Charger, Brushless Motor, 2.0Ah Li-ion Battery, No-Mar Tips

WARRANTY AND SUPPORT

NEU MASTER provides new replacements instead of repairing services for eligible products.

NEU MASTER Tools come with **2 Years After-sales service**. It is NEU MASTER's pleasure to assist users with any questions about their tools.

For any questions, concerns, or support needs, please contact NEU MASTER customer service. Refer to the contact information provided in your product packaging or visit the official NEU MASTER website for the most up-to-date support details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question