



# FUSION THERMAL

PERFECTING THE VISION OF HEAT

TS100/TRS105

## Boarmaster 40/55XR

Thermal Imaging Riflescope

# QUICK START GUIDE





## 1 GETTING STARTED

### Components and Controls

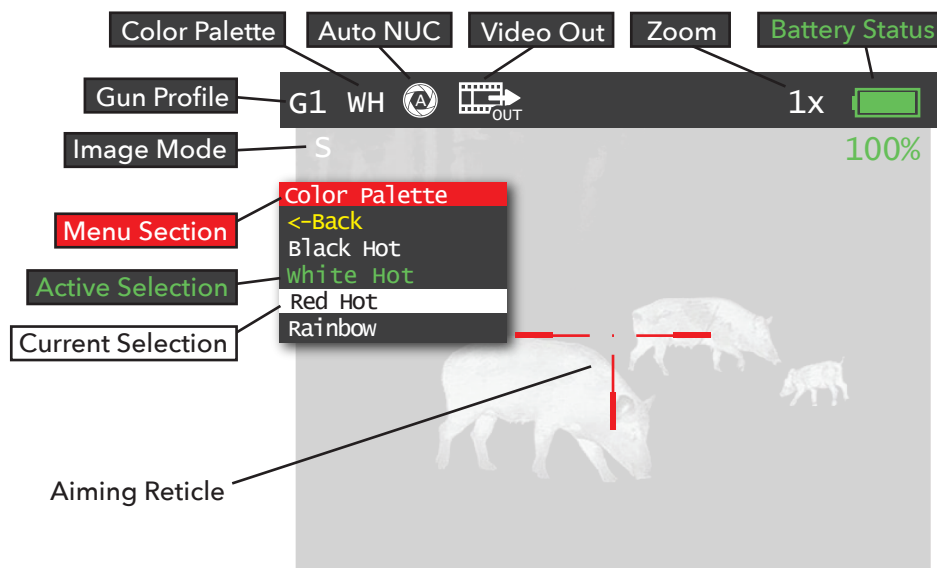
- 1 Power Button (right side)
- 2 Target Focus Knob
- 3 Up Button
- 4 Menu Button (Tower)
- 5 Down Button
- 6 Battery Compartment
- 7 USB-C Port
- 8 Lens Cover
- 9 Display Focus Knob



## 2 BUTTON FUNCTIONS

	Thermal View	Menu View
 Up	<b>Quick Press</b> <ul style="list-style-type: none"><li>• Color palette change</li></ul> <b>Long Press</b> <ul style="list-style-type: none"><li>• Digital Zoom</li></ul>	<b>Quick Press</b> <ul style="list-style-type: none"><li>• Move selection up</li><li>• Return to previous menu</li></ul> <b>Long Press</b>
 Menu	<b>Quick Press</b> <ul style="list-style-type: none"><li>• Manual NUC</li></ul> <b>Long Press</b> <ul style="list-style-type: none"><li>• Open Menu</li></ul>	<b>Quick Press</b> <ul style="list-style-type: none"><li>• Select menu option</li></ul> <b>Long Press</b> <ul style="list-style-type: none"><li>• Exit menu</li></ul>
 Down	<b>Quick Press</b> <ul style="list-style-type: none"><li>• Reticle change</li></ul> <b>Long Press</b>	<b>Quick Press</b> <ul style="list-style-type: none"><li>• Move selection down</li></ul> <b>Long Press</b>
 Power	<b>Quick Press</b> <ul style="list-style-type: none"><li>• Display instant off/on (Power Saver Mode)</li></ul> <b>Long Press</b> <ul style="list-style-type: none"><li>• Power unit on/off</li></ul>	

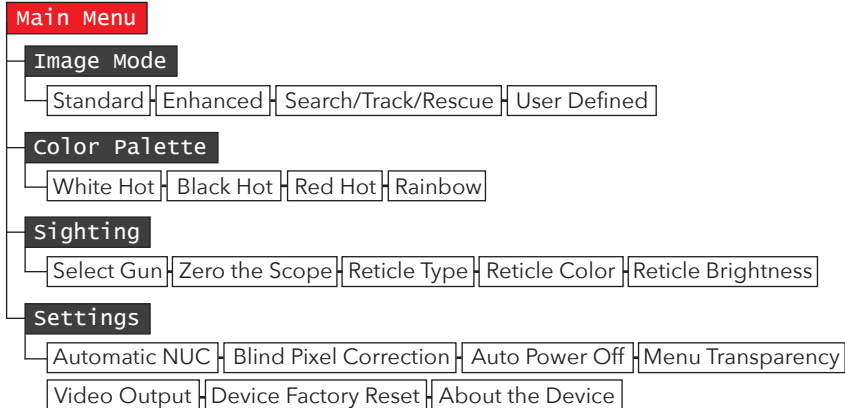
## 3 DISPLAY OVERVIEW



\*Simulated display, details may appear slightly different

## 4 USING THE MENU

- To access the menu, long press the **Menu** (☹) button for 2-3 seconds
- Use the **Up** (⬆) and **Down** (⬇) buttons to navigate the menu options
- Quick press the **Menu** (☹) button to select an option
- To return to the previous menu, use the **Up** (⬆) button to select the **<-Back** option
- To quickly exit the menu, long press the **Menu** (☹) button



## 5 IMAGE MODE & PALETTE

### Image Modes

To change the thermal image mode, open the Menu and navigate to the **Image Mode** submenu. There are four available image modes:

Standard	Default contrast, useful for general observation
Enhanced	Heightened contrast further highlights temperature differences, making potential targets stand out strongly
Search/Track/Rescue	This exclusive mode provides the highest level of contrast, displaying only potential targets of interest
User Defined	This setting allows you to create a custom Image Mode and save it

### Color Palettes

To change the color palette, from the Thermal View quick press the **Up** (⬆) button, or open the Menu and navigate to the **Color Palette** menu. There are four available color palettes:



## 6 GUN ZEROING & SAVING PROFILES

To zero your scope, go to the **Sighting** menu. Begin by selecting a Gun Profile (G1-G5). Gun Profiles are used to remember your zeroing adjustment and other settings. The device will allow you to save up to five different zeros, one for each Gun Profile.

- 1 Select the gun profile you would like to modify, default is G1
- 2 If desired, make changes to reticle type, color and brightness (not required). These will all be saved to the selected gun profile.
- 3 Set up your zeroing target at 50yds.
- 4 Select **Zero the Scope** to enter the zeroing adjustment screen
- 5 Use the **Up-Down** (elevation) and **Left-Right** (windage) selections to adjust your scope's aiming point. Current adjustment amount is displayed at the top of the screen, cumulative adjustment is shown below it. Once adjustment is done, press the **Menu** (☹) button to save the setting and return to the zeroing screen.  
**Note:** Digital zoom may be used during sight-in.
- 6 When done zeroing, back out of menu to save settings and return to normal operation mode.

To learn about additional settings  
and advanced options, please view the  
**FULL PRODUCT MANUAL**

**Boarmaster 40 Manual**

**Boarmaster 55XR Manual**