



FUSION THERMAL

PERFECTING THE VISION OF HEAT

TS100/TRS105

Boarmaster 40/55XR

Thermal Imaging Riflescope

QUICK START GUIDE





1 GETTING STARTED

Components and Controls

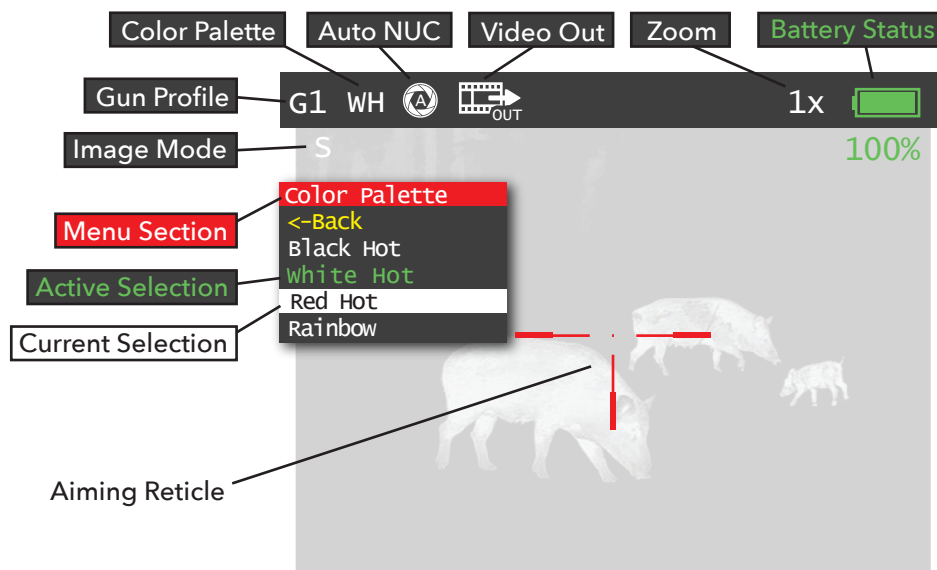
- 1 Power Button (right side)
- 2 Target Focus Knob
- 3 Up Button
- 4 Menu Button (Tower)
- 5 Down Button
- 6 Battery Compartment
- 7 USB-C Port
- 8 Lens Cover
- 9 Display Focus Knob



2 BUTTON FUNCTIONS

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

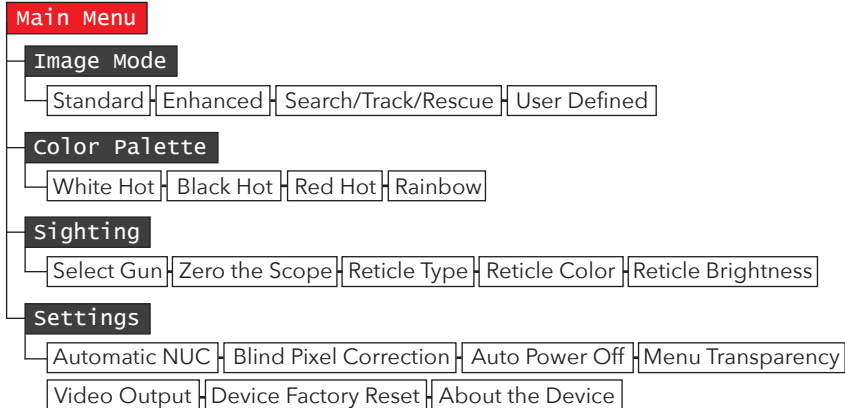
3 DISPLAY OVERVIEW



*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