

RIFLE ACCESSORY CONTROL UNIT (RACU) SYSTEM ADVANCED RACU SOLDIER SYSTEM USER GUIDE

SETTING UP

- The weapon-mounted 3-button Controller (Commander) provides control of your Advanced Soldier System:
 - Bluetooth Low Energy (BLE) is used to establish wireless (RF) control of the DBAL-A3 laser aimer and Surefire flashlight on the weapon and Motorola DP4601e radio on the body.
- Pairing:
 - Devices are uniquely paired to the Controller to establish RF control.
 - This is done by employing BLE adapters for weapon-mounted devices and a BLE side adapter/connector for the radio. Your Otto headset is plugged into the radio side connector.

OPERATING

- The buttons on your Commander have been programmed to operate in the following way:
 - PRESS and HOLD (function activates for the duration of the 'Hold').
 - DOUBLE TAP ('latching' activates on release of the button after the second tap)
- Button presses relating to function are shown below:

FUNCTION	TYPE OF PRESS	BUTTON NUMBER
STEINER DBAL – A3 LASER AIMER - ON	<ul style="list-style-type: none"> - PRESS & HOLD - DOUBLE TAP 	1
MOTOROLA DP4601e RADIO - PTT	<ul style="list-style-type: none"> - PRESS & HOLD 	2
SUREFIRE MINI SCOUT PRO FLASHLIGHT - ON	<ul style="list-style-type: none"> - PRESS & HOLD - DOUBLE TAP 	3

TRAINING AND COMPETENCY TESTING

- Uses an interactive web-based training package that runs on a laptop.
 - Commander needs to be paired with the Training Adapter before starting training.
 - The training phase allows you to practice your button press technique and develop muscle memory.
 - You must complete the test phase without mistakes to achieve competency.

TROUBLESHOOTING

- RACU SYSTEM
 - Check batteries are good and inserted correctly.
 - Check all connectors to devices are firmly seated (and locked) and the radio side adapter/connector is properly fitted.
- DEVICES
 - Check device batteries and settings.

SYSTEM OVERVIEW



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