



RACU COMMANDER RIFLE ACCESSORY CONTROL UNIT (RACU) SYSTEM

The RACU Commander System offers a programmable centralised point of control for weapon-mounted and body worn devices (including radios).

It provides the means to functionally integrate both current and future Soldier Systems – **simply and safely**.

Crucially, soldiers are able to remain:
“Head up, eyes on target, hands on weapon”™



> GENERAL DESCRIPTION

The System consists of the RACU Commander Controller and Device Adapter mounted on the weapon, and a Radio Control Box (RCB) and cable assembly mounted on the body.

The unique component is the form factor of the Controller, the Device Adapter and RCB are common to all RACU Systems.

The Controller has been designed to attach specifically to a quad rail or similar system. It can be deployed singly, or as a linked pair of control units.

Whether deployed singly or as a pair, the control units can be configured with one, two or three buttons. The greater the number of buttons, the larger the number of button-press combinations (chords) that are available for programming.

Device control can be exercised directly or indirectly from the Controller. A Device Adapter is only necessary when electronic devices have no integral BLE capability.

Buttons can be activated singly or in multiples, and by using different techniques to press the buttons (e.g., ‘press and hold’, ‘press and release’ or ‘double-tap’).

> KEY FEATURES

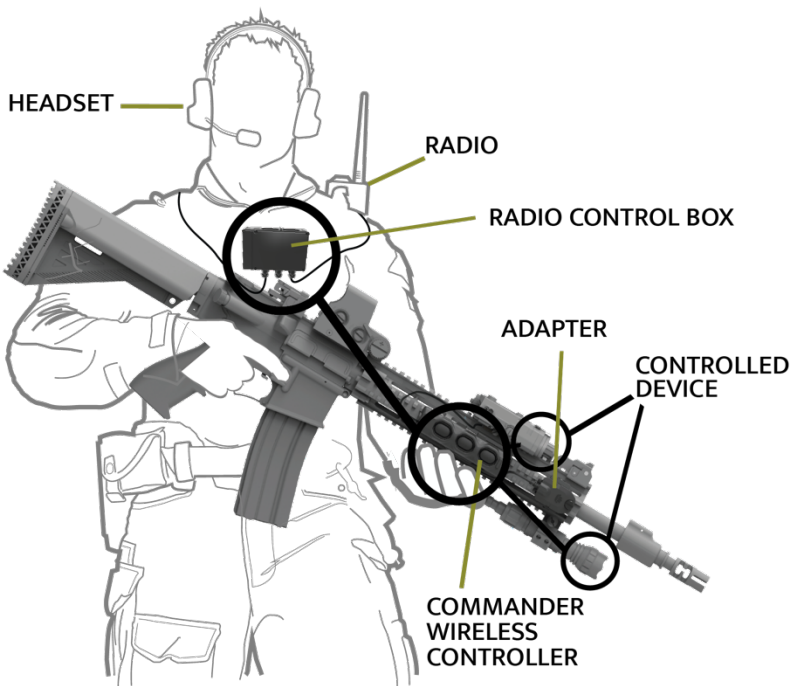
- Controller can be configured with between one and five buttons – depending on the number of devices requiring control and the user’s role.
- Directly control up to two radios through the RCB (controlling PTT, volume and channel), or indirectly, through a body hub, End User Devices or Head-up Displays.
- Possible to control elements within a local area network if one of the radios carried by the operator is network capable.

> TRAINING

- Can be conducted in less than an hour.
- A web-based app has been developed that can be hosted on a Smart-phone.

> OPERATIONAL FEATURES

- **Data-logging** enables button activations on individual controllers to be recorded and time stamped, and then downloaded for after action review.
- **User Configuration Utility** for customising the operation of the RACU System to suit individual requirements and preferences.



> eyes on, hands on®

> head up, eyes on target,
hands on weapon®