

## — **Safety/Usage Considerations** —



- Ensure all connections are secure prior to use
- Keep PCU & UAI antenna **at least** 20 cm (8 inches) away from individuals w/ pacemaker
- Keep PCU/UAI volume at minimum fully-audible level
- Do not short contacts on battery pack; keep loose batteries away from metal objects
- Cease use of CCS immediately upon erratic or unexpected vehicle behavior.

## — **Safety/Usage Considerations** —



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- All critical voice communication should be repeated back to originator
- Changes of setting/mode may result in brief loss of communication (2-4 sec) -- allow PCU display to blank before transmitting
- Removing bailout cable for remote use may result in 6-8 sec loss of comm.
- CCS VOX is less sensitive than wired VIC-3 VOX; may require louder voice/inflection to activate
- Mic boom should be touching lips when talking to ensure VOX is maintained.

## — **Safety/Usage Considerations** —



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- Remote personnel will notice static / decrease in signal quality when moving out of range of vehicle (>250 m).
- If comm. is lost due to moving out of range, user may have to move completely back within range of vehicle to recover comm.
- When operating remotely, loss of PCU Power will result in loss of Headset functions (ANR and audio pass-through)
- PCU power must be recycled if headset becomes disconnected from PCU
- UAI power must be recycled is turret power is reset
- Maximum simultaneous **remote** talkers = 4. Current talkers have priority

## — **Safety/Usage Considerations** —



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- **Radio access for ALL remote PCUs is determined by settings of FFCS connected to UAI (i.e. Gunner's FFCS)**
- Coordinate assigned channels for each vehicle prior to mission.
- UAIs/PCUs should switch back to assigned channel after Group or Autonomous use
- Channel 64 is reserved for test use
- When powering-on unit, self test display may "blink" indicating unit is resetting, do not attempt use until steady "PA" is seen
- UAI and PCUs must always be on Audio setting ("AU")

## — **Safety/Usage Considerations** —



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**NOTE** – This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

**WARNING** – Changes or modifications to the Cordless Communication Equipment described herein, not expressly approved by the party responsible for compliance, could void the authority to operate the equipment.

**RF EXPOSURE** – For body worn operation, the PCU has been tested and meets the FCC RF exposure guidelines when used with the Northrop Grumman designated antenna, battery pack and headset, and when less than 2.5 cm separation is maintained between the antenna and the user's body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

In order to comply with FCC RF exposure guidelines, the UAI must be installed and operated in such a way that a minimum separation distance of 20 cm is always maintained between the antennas and all persons during normal operation.