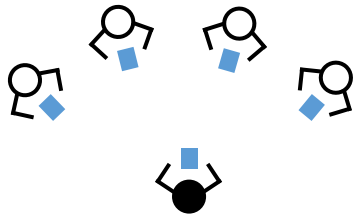


1 - Battery & Error Check (Basic Function)


Goal	When
To check that all transceivers are in basic working order To check that all transceivers have power for a day of use	Each morning of use

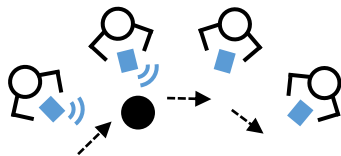
- Group arranged in small semicircle around leader - face to face (eye contact)



"I will turn my transceiver on like this"

"Watch the display indicators, look for error messages and battery level"

- Leader uses their own transceiver to show the group FIRST
 - Leader now in **SEND** mode 
- Group turns on one at a time and leader sees (IMPORTANT with children)

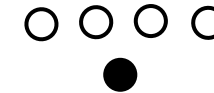



- Adults soon learn this so group can turn on more quickly (progression)
 - Battery level minimum 60-70% or 2 out of 3 bars (see user manual)
 - Typical new battery life SEND >200 hours, SEARCH 15 hours
 - Leader has spare batteries (AA and AAA) **NOT rechargeable!**
 - If any error signs/messages, restart transceiver
 - No luck, replace transceiver with spare
 - Do not give responsibility to children

2 - Visualized Range Check

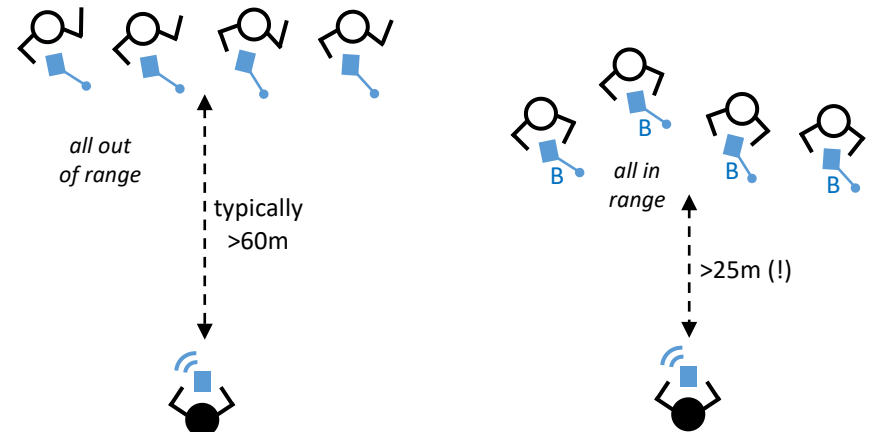
Goal	When
To check that all transceivers have a suitable range To identify weaker transceivers To demonstrate transceiver range and functionality to group	With a new group At start of new trip For education

- Group assembled, leader explains the visualized range check



"Please switch your transceiver to **SEARCH** mode like this" 

- Leader sees group switch to SEARCH mode, group line up facing the leader
- Leader walks away from line, group raise arm when leader is out of range
- Leader stops and has eye contact with group - all arms raised
- Leader out of range - Leader beckons group to walk towards them
- Group stops and lowers arm when signal gained (distance, arrow, body, **Beep**)



- Minimum distance should be at least > 25m (suitable for 40m search grid)
- Investigate transceivers with limited range (replace with spare)
- Perform in flat open area without interference (from power lines etc.)
- Leader should check range of their transceiver in SEARCH at suitable intervals
- Pointing the long axis of the transceiver towards group, gives maximum range
- Test area can be reduced by leader pointing their transceiver sideways
- Cannot be done with other transceivers nearby (other groups)

3 - Group Search Signal Check

Goal	When
To check GROUP transceivers have working SEARCH function To check LEADER transceiver has working SEND function To demonstrate transceiver feedback at close search range	With a new group/trip (Each morning of use)

Without using Group/Partner Check feature

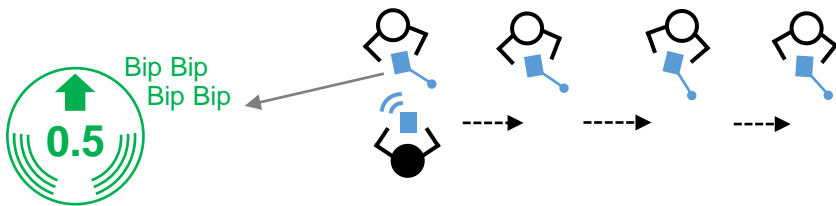
- Leader sets out walking poles in a line 3m apart
- Group assembled, leader explains SEARCH & SEND signal checks (3 + 4)

“Please switch your transceiver to **SEARCH** mode”

- Leader sees group switch to SEARCH; group go to walking poles
- Leader in SEND mode



- Leader goes to each group member and sees their transceiver display
- Each transceiver in turn must show small distance indicators (distance/sound)



- After seeing EACH display, Leader instructs clients to switch to **SEND** mode
- Group put transceiver securely in holster under outer layer of clothing



4 - Group Send Signal Check

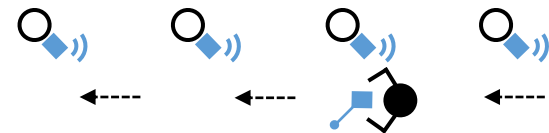
Goal	When
To check GROUP transceivers have working SEND function To check LEADER transceiver has working SEARCH function	Each morning of use After longer/lunch stops

Without using Group/Partner Check feature

- Group in **SEND** mode (continuation of 3), group transceivers are holstered
- Group still stood spaced out in a line
- Leader switches to **SEARCH** mode



- Leader walks to each group member in turn and pauses
- Leader’s transceiver must show small distance indicators (distance/sound)



- If indicators are not correct, check their transceiver is on and in SEND mode
- Check for sources of interference next to the transceiver
- At the end of the group the Leader switches to **SEND**
- Leader puts transceiver securely in holster under outer layer of clothing
- Group moves off



- **Be aware that clients do turn their transceivers off at lunch stops!**
- This check can be done with the leader standing still and the group passing by, or in a semicircle - but ensure some distance to other groups

3 GC - Group Search Signal Check

Goal	When
To check GROUP transceivers have working SEARCH function To check LEADER transceiver has working SEND function	With a new group/trip (Each morning of use)

Using Group/Partner Check feature (all transceivers must have it)

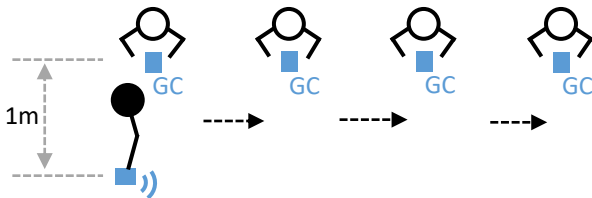
- Group assembled, leader explains SEARCH & SEND signal checks (3 GC + 4 GC)
- Leader sets out walking poles in a line 3(5)m apart (see user manual)

“Please switch your transceiver to **GROUP CHECK** mode”

- Leader sees group switch to GROUP CHECK; group go to walking poles
- Leader in **SEND** mode



- Leader holds their transceiver at arm’s length (1m to client transceiver)
- Leader goes to each group member and **sees** client’s transceiver display
- Each transceiver in turn must give successful check result (display/sound)



- After seeing EACH display, Leader instructs clients to switch to **SEND** mode
- Clients put transceiver securely in holster under outer layer of clothing.



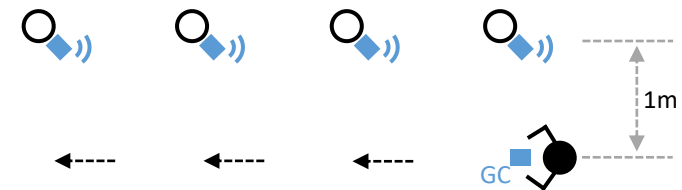
- If a successful check result is only obtained at <1m (say 0.5m), then check for interference (active phone next to device etc.) and repeat with 5m spacing
- **Transceivers will auto-revert to SEND mode if you are too slow at this check**

4 GC - Group Send Signal Check

Goal	When
To check GROUP transceivers have working SEND function To check LEADER transceiver has working SEARCH function	Each morning of use After longer/lunch stops

Using Group/Partner Check feature (all transceivers must have it)

- Group in **SEND** mode (continuation of 3 GC), group transceivers are holstered
- Group still standing in a line 3(5)m apart
- Leader switches to **GROUP CHECK** mode
- Leader walks along group at 1m distance and looks at their own transceiver



- Each transceiver in turn must give successful check result (display/sound)
- At end of group, Leader switches to **SEND**
- Leader puts transceiver securely in holster under outer layer of clothing
- Group moves off



- If a successful check it NOT possible at 1m distance in either check, and there seems to be no interference, then replace the transceiver and get it checked
- The design of the GROUP CHECK function also establishes that the transceivers have the correct signal strength to operate at distance (so check 2, the visualized range check, is not required to fully check the transceivers).
- Selecting Group Check feature on some transceivers is awkward.