

Reading Modes

Function	Explanation
Normal	<p><i>Normal Mode</i> connects through Bluetooth to a host device. Selection between Route (filtered) and RF Test (unfiltered) is made in the host device software.</p> <p>To enter this mode from other modes:</p> <ol style="list-style-type: none"> Press MODE until the mode LED flashes GREEN. Press ENT and the mode LED turns GREEN.
Unattended	<p><i>Unattended Operations Mode</i> can operate using the battery or when connected to vehicle power.</p> <p>To use this mode with battery power:</p> <ol style="list-style-type: none"> Press MODE until the Mode LED is YELLOW. Press ENT. <p>To use this mode when connected to vehicle power:</p> <ol style="list-style-type: none"> Press MODE until the Mode LED is YELLOW. Press ENT and release. Press ENT again and hold for five seconds, and then release. The Mode LED is MAGENTA. Connect the USB. <p>Note: The USB charger must be capable of supplying 1A of current.</p>

USB mass storage

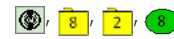
- The SD card appears as an external drive to the PC. To enter this mode:
- Connect the USB to the R900 BCT and to the PC.
- Note:** The USB must be connected before the unit can enter the USB mass storage mode.
- Press **MODE** until the Mode LED flashes **WHITE**.
 - Press **ENT**. The SD card now shows as an external drive attached to the PC.

Accessing the R900® BCT

The R900 BCT must first be set to Normal Mode to access the R900 BCT Status screen.

While en route

Neptune Key, System, UTILS, AMR Status =



From the Synchronize screen

TAB twice, UTILS, Belt Clip Status =



Neptune Customer Support

Call Monday through Friday, 7:00 AM to 5:00 PM Central Time:
(800) 647-4832

FAX your question: **(334) 283-7497**

E-mail a question: support@neptunetg.com



PRC R900 BCT 01.19 Part No. 13326-002



Pocket Reference for the R900® Belt Clip Transceiver (BCT)

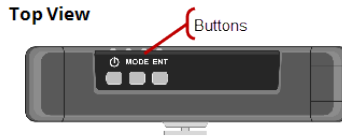
(Versión en español disponible en www.neptunetg.com)

Handheld Controls

Front View



Top View



For...	Press...
ON	Press ENT for two seconds.
OFF	Press MODE for two seconds.
Setting Date / Time	The R900® Belt Clip Transceiver (R900 BCT) sets time with the handheld when the two are paired. This time comes from the last handheld synchronization.

R900® BCT Status

State	LED Colors
Unit powered OFF	No color; LEDs off
Power	
100%–31%	GREEN
30%–16%	YELLOW
15%–6%	RED
5%–Critical	Flashes RED
Charging	Flashes YELLOW
Mode	
Normal mode	GREEN
Unattended mode	YELLOW
Installed mode	MAGENTA
Mass storage mode	WHITE
RF Mode	
No reading received	Off
Receive R900 / ERT packet	Flashes GREEN when receiving
Receive Advantage packet	Flashes CYAN when receiving
No reading received in two+ minutes	Solid RED
Bluetooth	
Not connected	Off
Pairing	Flashes BLUE
Connected	BLUE
Error Codes	
Temperature error	Bluetooth and Power LED flash RED
Hardware error	Bluetooth and Power LED are solid RED

Error Codes, continued

Battery error	Power LED flashes RED and YELLOW
Cannot power on– battery too low	Power LED flashes RED three times
SD card error	Mode LED is solid RED

External Battery Charger Status

LED	Indicates
RED , YELLOW , GREEN , or OFF	Startup initialization when applying power
OFF	No battery inserted
YELLOW	Battery charging
Solid GREEN	Battery charged successfully
RED	Error condition

RF Performance Modes

Mode can be changed from the R900 BCT Status Screen. The unit has three options for the RF performance during a reading:

1 Efficiency	Reduced RF performance* and best battery life
2 Moderate	Default RF performance*
3 Performance	Best RF performance* and decreased battery life

*RF performance refers specifically to the throughput of the receiver, which can impact the speed with which readings are processed in high density areas. Range is not impacted by these modes.

Bluetooth Pairing with the Handheld

To pair the handheld to the R900 BCT, complete the following steps:

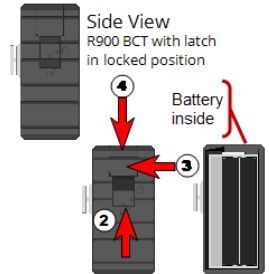
1. Power ON the R900 BCT and set to Normal Mode, if not already set.
2. On the handheld, tap .
3. Click - UTILS.
4. Click - Belt Clip Status.
5. Choose the device from the menu, and then click **Bluetooth**. The Belt Clip Status screen now displays the device details.

Removing the Battery

To remove the battery from the R900 BCT:

1. Hold the R900 BCT firmly with the left side facing up.
2. Push the lock latch down toward the unlock symbol.
3. Once the latch is in place, push the latch button inward to open the battery compartment door.
4. Pull the door toward you to access the battery.
5. Hold the R900 BCT vertically, right side facing up, with one hand over the open compartment.
6. Vigorously tap the top of the R900 B T until the battery loosens for removal.

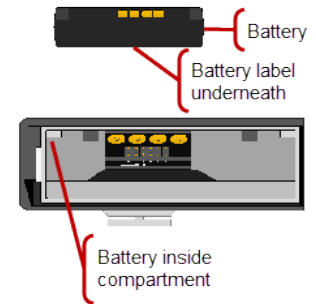
Note: The battery can be difficult to remove when fully charged.



Replacing the Battery

To replace the battery in its compartment:

1. Open the battery door of the R900 BCT.
2. Have the front view of the R900 BCT facing up.
3. Hold the battery horizontally with the label facing down.
4. Insert the battery into the R900 BCT until the battery snaps in place.
5. Close the battery door and lock it.



Note: Replace the battery every two years.