### Reading Modes

<table>
<thead>
<tr>
<th>Function</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Mode</td>
<td><em>Normal Mode</em> connects through Bluetooth to a host device. Selection between Route (filtered) and RF Test (unfiltered) is made in the host device software. To enter this mode from other modes: 1. Press <strong>MODE</strong> until the mode LED flashes <strong>GREEN</strong>. 2. Press <strong>ENT</strong> and the mode LED turns <strong>GREEN</strong>. <em>Note</em>: The USB must be connected before the unit can enter the USB mass storage mode.</td>
</tr>
<tr>
<td>Unattended Operations Mode</td>
<td><em>Unattended Operations Mode</em> can operate using the battery or when connected to vehicle power. To use this mode with battery power: 1. Press <strong>MODE</strong> until the Mode LED is <strong>YELLOW</strong>. 2. Press <strong>ENT</strong>. To use this mode when connected to vehicle power: 3. Press <strong>MODE</strong> until the Mode LED is <strong>YELLOW</strong>. 4. Press <strong>ENT</strong> and release. 5. Press <strong>ENT</strong> again and hold for five seconds, and then release. The Mode LED is <strong>MAGENTA</strong>. 6. Connect the USB. <em>Note</em>: The USB charger must be capable of supplying 1A of current.</td>
</tr>
</tbody>
</table>

### 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 = 1 2 3
- **From the Synchronize screen**: TAB twice, UTILS, Belt Clip Status = 1 4

### Accessing the R900® BCT

Accessing the R900® BCT

1. 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.

2. Press **MODE** until the Mode LED flashes **WHITE**.

3. Press **ENT**. The SD card now shows as an external drive attached to the PC.

### USB mass storage

The SD card appears as an external drive to the PC. To enter this mode:

1. Connect the USB to the R900 BCT and to the PC.

2. Press **MODE** until the Mode LED flashes **WHITE**.

3. 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 = 1 2 3
- **From the Synchronize screen**: TAB twice, UTILS, Belt Clip Status = 1 4

### 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

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

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

### Handheld Controls

**Front View**

- **Battery door**
- **Indicator lights**
- **SD / USB**
- **Buttons**

**Top View**

- **ON**
- **OFF**

**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.

### For...

- **ON**
  - Press **ENT** for two seconds.

- **OFF**
  - Press **ENT** for two seconds.

- **Rating**
  - The handheld software may be updated by connecting to an updated USB mass storage drive.
### R900® BCT Status

<table>
<thead>
<tr>
<th>State</th>
<th>LED Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit powered OFF</td>
<td>No color; LEDs off</td>
</tr>
<tr>
<td>Battery error</td>
<td>Power LED flashes <strong>RED</strong></td>
</tr>
<tr>
<td>Cannot power on –</td>
<td>Power LED flashes <strong>RED</strong></td>
</tr>
<tr>
<td>battery too low</td>
<td>Power LED flashes <strong>RED</strong></td>
</tr>
<tr>
<td>SD card error</td>
<td>Mode LED is solid <strong>REDD</strong></td>
</tr>
</tbody>
</table>

### External Battery Charger Status

**LED**
- **RED·YELLOW·GREEN·OFF**: Startup initialization when applying power or OFF
- **GREEN**: No battery inserted
- **YELLOW**: Battery charging
- **RED**: Battery charged successfully
- **RED·YELLOW·GREEN·WHITE**: 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 **MENU**.
3. Click **UTILS**.
4. Click **BCT** – 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 BCT 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.