7.2. PC Interface Command

7.2.1. Serial Interface Parameter

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transfer speed</td>
<td>9600bps</td>
<td></td>
</tr>
<tr>
<td>Start/Stop bit</td>
<td>1 bit, 1 bit</td>
<td></td>
</tr>
<tr>
<td>Data Length</td>
<td>8 bit</td>
<td></td>
</tr>
<tr>
<td>Parity Check</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>ASCII code</td>
<td></td>
</tr>
<tr>
<td>Flow Control</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Return Code</td>
<td>Carriage Return(\r) only</td>
<td></td>
</tr>
</tbody>
</table>

7.2.2. Command Format

**PRG**

**Set Program Mode**
Use this command to set the scanner to the programming mode.

**Command**

```
< FORMAT >
PRG(\r)
```

**Response**

```
< FORMAT >
PRG^OK(\r)
```

**EPG**

**Exit Program Mode**
Use this command to set the scanner to the normal operation from the programming mode.

**Command**

```
< FORMAT >
EPG(\r)
```

**Response**

```
< FORMAT >
EPG^OK(\r)
```

**PCM**

**Program a Channel Memory**
Use this command to edit a "channel memory".

**Command**

```
< FORMAT >
PCM[^C][^F][^L][^P][^D](\r)
```

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>^C</td>
<td>Channel Number</td>
<td>1~200</td>
</tr>
<tr>
<td>^F</td>
<td>Frequency</td>
<td>Frequency to be</td>
</tr>
<tr>
<td></td>
<td></td>
<td>programmed into the</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CH</td>
</tr>
<tr>
<td>^L</td>
<td>CH Lockout</td>
<td>S=Lockout, R=Unlock</td>
</tr>
<tr>
<td>^P</td>
<td>Priority</td>
<td>S=Priority Channel,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R=Normal</td>
</tr>
<tr>
<td>^D</td>
<td>Delay</td>
<td>S=Delay ON, R=Delay</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OFF</td>
</tr>
</tbody>
</table>

(*1): If the parameter is not contained in this record, a default value (bold-face) is set up.
(*2) If the parameter for priority (^P) is not contained in this record, the priority setting for the channel follows the scanner’s setting.

(*3): Channel number format recommends ^C###.  ex) CH5 = ^C005

(*4): Frequency format recommends ^F###.####.  ex) 29MHz= ^F029.0000

**Example**

**PCM^C10^F122.7875^LR^PR^DS (\r)**

Channel No:10, Frequency: 122.7875MHz, Lockout Unlock, Priority Off, Delay On,

**Response**

< FORMAT >

**PCM^OK**: Completed(no error)

**PCM^ER**: Parameter Error

**PCM^NG**: Scanner is not the programming mode

**Example**

**PCM^OK (\r) or PCM^ER (\r) or PCM^NG (\r)**

**RCM**

**Read a Channel Memory**

Use this command to read back information of “channel memory”.

**Command**

< FORMAT >

RCM[^C](\r)

**Parameter** | **Description** | **Explanation**
---|---|---
^C | Channel Number | 1~200 | Required

(*1): Channel number format recommends ^C###.  ex) CH5 = ^C005

**Response**

< FORMAT >

RCM[^C][^F][^L][^P][^D](\r)

**Parameter** | **Description** | **Explanation**
---|---|---
^C | Channel Number | 1~200 | -
^F | Frequency | Frequency to be programmed into the CH | -
^L | CH Lockout | S=Lockout, R=Unlock | -
^P | Priority | S=Priority Channel, R=Normal | -
^D | Delay | S=Delay ON, R=Delay OFF | -

(*1): Channel number format is fixed to ^C###.  ex) CH5 = ^C005

(*2): Frequency format is fixed to ^F###.####.  ex) 29MHz= ^F029.0000

**Example**

**RCM^C10^F122.7875^LR^PR^DS (\r)**

Channel No:10, Frequency: 122.7875MHz, Lockout Unlock, Priority Off, Delay On,

**MDL**

**Get Model Name and Software version**

Use this command to get the model name of the scanner.

**Command**

< FORMAT >

MDL(\r)

**Response**

< FORMAT >
VER

Get Software version
Use this command to get the software version.

Command
< FORMAT >
VER\\r

Response
< FORMAT >
VER^Vx.xx\\r
   x.xx : version number

Example
VER^V1.04\\r

ERR

Illegal command response
If the scanner receives the unrecognized command, the scanner sends back “ERR”.

Response
< FORMAT >
   ERR\\r