

7.2.PC Interface Command

7.2.1. Serial Interface Parameter

Transfer speed : 9600bps
 Start/Stop bit : 1 bit, 1 bit
 Data Length : 8 bit
 Parity Check : None
 Code : ASCII code
 Flow Control : None
 Return Code : Carriage Return(\r) only

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)

Parameter	Description	Explanation	
^C	Channel Number	1~200	Required
^F	Frequency	Frequency to be programmed into the CH	Required
^L	CH Lockout	S =Lockout, R =Unlock	(*1)
^P	Priority	S =Priority Channel, R =Normal	(*2)
^D	Delay	S =Delay ON, R =Delay OFF	(*1)

(*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	Required
^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)