

Programming Commands

<u>Command Codes</u>	<u>Description</u>
[PAT] [T/C]	01 Activate/Inactivate CTCSS Tones
[PAT] [T/C]	02 Insert/Delete CTCSS Tones
[PAT] [T/C] [SYS]	03 Courtesy Tone On/Off
[PAT] [T/C] [SYS]	04 Busy Channel Lock Out On/Off
[T/C]	05 Set Community Station ID
[PAT] [T/C]	06 Community Station ID Switch On/Off
[T/C]	07 Test Station ID
[T/C]	08 Cross Tone Encoding
[T/C]	09 Crisscross Encoding
[T/C]	10 Reset Cross Tone Encoding
[PAT] [T/C] [SYS]	11 Air Time Traffic Controller On/Off
[T/C] [SYS]	12 Maximum Access Timer
[T/C] [SYS]	13 Standby Timer
[T/C] [SYS]	14 Penalty Timer
[T/C]	15 Audio Gate Delay Timer
	16 Transmitter Carrier Delay Timer
	17 Transmitter Time Out Timer
	18 Data Transpond Timing
[PAT]	20 Display On/Off (<i>Optional</i>)
[PAT]	21 Programming Acknowledgement Transponder On/Off
	22 Tone/Code Switch
[PAT]	23 Digital Input Polarity Switch On/Off
[PAT]	24 Digital Output Polarity Switch On/Off
[T/C]	25 Changing the Program Access Code Security Tone
	26 Clear Program Access Code Security Tone

Data Retrieval Commands

[T/C] [RDU]	27 Interrogate the Tone Time Accumulator
[T/C] [RDU]	28 Interrogate the Tone Hit Accumulator
[RDU]	29 Display Total Transmit/COS Time
[T/C] [RDU]	30 Display Active Tones
	32 Display Tone Table
	33 Display Active Tones
[T/C]	34 Display Individual Tone Time
[T/C]	35 Display Individual Tone Time and Hits
[T/C]	36 Display All Time and Hits
	37 Display Active Tone Time and Hits
	38 Display Total Transmit/COS Time
	39 Display Timed Out User
	40 Display Last User

- [T/C] 41 Clear Individual Tone Time and Hit Accumulators
- 42 + 42 Clear All Time and Hit Accumulators
- 43 Clear Total Transmitter Time Accumulator
- 44 Clear Timed Out User

Set Up Commands

- 45 Access Set Up Commands
 - 01 Transmitter On/Off
 - 03 Audio Gate On/Off
 - [T/C] 07 Generate CTCSS Tone On/Off
 - 08 Generate DTMF Tone (D) On/Off
 - 09 DTMF Keypad Mode On/Off (*Optional*)
 - 10 Courtesy Tone On/Off
 - 11 Set COS Level
 - 99 Exit to the Program Mode

Programming Commands Continued

- 47 CW-ID Time Interval
- 48 Private Carrier CW-ID set
- [PAT] 41 Set Private Carrier CW-ID Operation
- [PAT] 50 TX Hold Delay
- [PAT] [T/C] 51 Tone Reserve (Soft Off)
- [PAT] [T/C] 52 Tone Reserve Masking Tone
- [SYS] 53 Tone Encode Extension Timer
- 54 Prepaid User Time Block
- 55 Set Audio Delay Time
- 56 Set Courtesy Tone Pitch
- 57 Set Warning Tone Pitch
- 58 Set CW-ID Tone Pitch
- 59 CSI-12/Super Programming Mode
- [PAT] [T/C] 62 Hot Standby Group Assignment
- 63 Hot Standby On/Off
- 64 Display Group Tones
- 91 + 90 Initialize all Variables to Defaults Without Rebuilding the Tone Table
- 91 + 91 Initialize all Variables to Defaults and Rebuild the Tone Table
- [PAT] 92 DTMF Regeneration Mode On/Off
- [T/C] 93 Site Alarm Address
- 94 Site Alarm Tone
- 95 Change Program Access Code
- 96 Store Repeater Frequency
- 97 Display Version Number
- 99 Exit Program Mode

[T/C] Tone/Code Switch required for Digital Codes.

[RDU] Original CSI Remote Display Unit Only.

[SYS] System Level Parameters or Per Tone Parameters.

[PAT] Programming Acknowledgement Transponder (And On/Off Status Polling)