

GE Star® Format Selections

If you have used the Cimarron Technologies C Mark family of ANI decoders, then you are probably familiar with their ability to decode different formats of GE Star®. The C Plus is also capable of correctly decoding all existing formats of GE Star®. As shipped from the factory, the C Plus is programmed to decode GE Star® format B. Here is how to quickly change the designated format.

Changing the format selection:

Enter program mode and from the main menu, select “*Program the C Plus Personality*”. Go to “*Select Format Type*”, “*GE Star®*”, and then “*Select Star T1, T2, S1 Values*”. The C Plus will output the following:

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Your current selection of T1,T2,S1 is:_ 8, 4, 2

Press Back slash "\" to go back
Or enter T1,T2,S1 in this format: T1,T2,S1

Allowable values are: 2,4,8,M0,M1,P0,P1,S0,S1,X
Use spaces if necessary to type in a total
of 8 characters_
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Referring to table 1, you will find that the current selection of 8, 4, 2 is the definition for format B. If you desired to change the format to “J”, you would enter :

S0,S1, 2. Once entering the new values, exit program mode and cycle power on the C Plus.

Format	Description	T1	T2	S1	Comments
A	IDs to 2047 (1st 11 bits).	X	X	X	T1, T2, and S1 ignored
*B	IDs to 16383 (14 bit ID)	8	4	2	Expanded-ID STAR #1.
C	IDs to 16383 (14 bit ID)	4	8	2	GE-STAR #3.
D	IDs to 16383 (14 bit ID)	4	2	8	Compatible with GE-STAR #4
E	IDs to 4095 (12 bit ID, T2 = "0")	2	M0	X	GE-STAR #1. T2 = "0" for Mobile.
F	IDs to 4095 (12 bit ID, T2 = "1")	2	P1	X	GE-STAR #1. T2 = "1" for Portable.
G	IDs to 8191 (13 bit ID, T2 = "0")	4	M0	2	GE-STAR #2. T2 = "0" for Mobile.
H	IDs to 8191 (13 bit ID, T2 = "1")	4	P1	2	GE-STAR #2. T2 = "1" for Portable.
I	IDs to 4095 (12 bit ID), Tags="00"	S0	S0	2	System "0"
J	IDs to 4095 (12 bit ID), Tags="01"	S0	S1	2	System "1"
K	IDs to 4095 (12 bit ID), Tags="10"	S1	S0	2	System "2"
L	IDs to 4095 (12 bit ID), Tags="11"	S1	S1	2	System "3"
M - P	IDs to 2047 (11 bit ID)			X	Identical to I - L with capability only to program IDs to max of 2047.

Table 1

Special Requirements:

To connect the C Plus to a computer, you will need to have the computer interface cable available from Cimarron Technologies. You can also make your own. Pin-outs are described in the C Plus manual in chapter 5 “Technical Information”.

See Also:

Communicating with the C Plus using Hyperterm