Commands: Type the command in the left column (below) such as "A+"

V   Display packets in 'verbose' mode (able to be intrepreted by humans)
H   Display packets as hex bytes

H0   Set hex display mode 0 (see hex display table)
H1   Set hex display mode 1 (see hex display table)
H0   Set hex display mode 2 (see hex display table)
H0   Set hex display mode 3 (see hex display table)
H0   Set hex display mode 4 (see hex display table)
H0   Set hex display mode 5 (see hex display table)
H0   Set hex display mode 6 (see hex display table)
H0   Set hex display mode 7 (see hex display table)

A+ Display all accessory packets
A- Don't display accessory packets

I+ Display all idle packets
I- Don't display idle packets

L+ Display all locomotive packets
L- Don't display locomotive packets

R+ Display all reset packets
R- Don't display reset packets

S+ Display all signal packets
S- Don't display signal packets

?   Display list of commands supported

The analyzer remembers the last display mode after power up.

Hex mode displays:

H0 mode (compatible with the ICC analyzer):

Displays packets in hex mode preceded by one character indicating how many start bits in the packet preamble. There are no spaces between any characters or bytes.

Example: $03686B
Description: 14 start bits with three byte packet following with bytes of 0x03, 0x68, 0x6B

The following characters are used to indicate the number of preamble bits:

Char	# bits	Char	# bits	Char	# bits	Char	# bits	Char	# bits
space	10	(	18	0	26	9	34	@	42
!	11	)	19	1	27	0	35	A	43
"	12	*	20	2	28	:	36	B	44
#	13	+	21	3	29	;	37	C	45
$	14	,	22	4	30	<	38	D	46
%	15	_	23	5	31	=	39	E	47
&	16	.	24	6	32	>	40	F	48
'	17	/	25	7	33	?	41	G	49

H1 mode:

Same as H0 mode except spaces will delimit preamble char and each pair of hex characters

Example: $ 03 68 6B
14 start bits with three byte packet following with bytes of 0x03, 0x68, 0x6B

H2 mode:

Displays packets in hex mode with no indication of how many preamble bits. There are no spaces between any characters or bytes.

Example: 03686B
Three byte packet following with bytes of 0x03, 0x68, 0x6B

H3 mode:

Same as H2 mode except spaces will delimit each pair of hex characters

Example: 03 68 6B
Three byte packet following with bytes of 0x03, 0x68, 0x6B

H4 mode:

Displays packets in hex mode preceded by Pxx where xx indicates how many preamble bits (in hex). There are no spaces between any characters or bytes.

Example: P0E03686B
14 start bits with three byte packet following with bytes of 0x03, 0x68, 0x6B

H5 mode:

Same as H4 mode except spaces will delimit preamble chars and each pair of hex characters

Example: P0E 03 68 6B
14 start bits with three byte packet following with bytes of 0x03, 0x68, 0x6B

H6 mode:

Displays packets in hex mode with no indication of how many preamble bits but preceded by the letter P. There are no spaces between any characters or bytes.

Example: P03686B
Three byte packet following with bytes of 0x03, 0x68, 0x6B

H7 mode:

Same as H6 mode except spaces will delimit each pair of hex characters

Example: P 03 68 6B
Three byte packet following with bytes of 0x03, 0x68, 0x6B

Commands: Type the command in the left column (below) such as "A+"

V Display packets in 'verbose' mode (able to be intrepreted by humans)
H Display packets as hex bytes

H0 Set hex display mode 0 (see hex display table)
H1 Set hex display mode 1 (see hex display table)
H0 Set hex display mode 2 (see hex display table)
H0 Set hex display mode 3 (see hex display table)
H0 Set hex display mode 4 (see hex display table)
H0 Set hex display mode 5 (see hex display table)
H0 Set hex display mode 6 (see hex display table)
H0 Set hex display mode 7 (see hex display table)

A+ Display all accessory packets
A- Don't display accessory packets

I+ Display all idle packets
I- Don't display idle packets

L+ Display all locomotive packets
L- Don't display locomotive packets

R+ Display all reset packets
R- Don't display reset packets

S+ Display all signal packets
S- Don't display signal packets

? Display list of commands supported

The analyzer remembers the last display mode after power up.

Hex mode displays:

H0 mode (compatible with the ICC analyzer):

Displays packets in hex mode preceded by one character indicating how many start bits in the packet preamble. There are no spaces between any characters or bytes.

Example: $03686B
Description: 14 start bits with three byte packet following with bytes of 0x03, 0x68,0x6B

The following characters are used to indicate the number of preamble bits:

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!	11	)	19	1	27	0	35	A	43
"	12	*	20	2	28	:	36	B	44
#	13	+	21	3	29	;	37	C	45
$	14	,	22	4	30	<	38	D	46
%	15	_	23	5	31	=	39	E	47
&	16	.	24	6	32	>	40	F	48
'	17	/	25	7	33	?	41	G	49

H1 mode:

Same as H0 mode except spaces will delimit preamble char and each pair of hex characters

Example: $ 03 68 6B
14 start bits with three byte packet following with bytes of 0x03, 0x68,0x6B

H2 mode:

Displays packets in hex mode with no indication of how many preamble bits. There are no spaces between any characters or bytes.

Example: 03686B
Three byte packet following with bytes of 0x03, 0x68,0x6B

H3 mode:

Same as H2 mode except spaces will delimit each pair of hex characters

Example: 03 68 6B
Three byte packet following with bytes of 0x03, 0x68,0x6B

H4 mode:

Displays packets in hex mode preceded by Pxx where xx indicates how many preamble bits (in hex). There are no spaces between any characters or bytes.

Example: P0E03686B
14 start bits with three byte packet following with bytes of 0x03, 0x68,0x6B

H5 mode:

Same as H4 mode except spaces will delimit preamble chars and each pair of hex characters

Example: P0E 03 68 6B
14 start bits with three byte packet following with bytes of 0x03, 0x68,0x6B

H6 mode:

Displays packets in hex mode with no indication of how many preamble bits but preceded by the letter P. There are no spaces between any characters or bytes.

Example: P03686B
Three byte packet following with bytes of 0x03, 0x68,0x6B

H7 mode:

Same as H6 mode except spaces will delimit each pair of hex characters

Example: P 03 68 6B
Three byte packet following with bytes of 0x03, 0x68,0x6B