

## RC850 Factory Courtesy Tone parameters

Courtesy Tone Specs. Here are the parameters of the RC-850 courtesy tones as shipped from the factory. Of course, they're fully programmable by you (1 Hz, 1 ms resolutions). But, we get many requests about their original settings. Courtesy tone design offers you an opportunity for creativity and originality on your repeater!

#	Segment	Delay	F1	F2	Duration
1	A	640 ms	330 Hz	330 Hz	100 ms
	B	0	495 Hz	495 Hz	100 ms
	C	0	660 Hz	660 Hz	100 ms
2	A	640 ms	330 Hz	330 Hz	75 ms
	B	0	495 Hz	495 Hz	75 ms
	C	0	660 Hz	660 Hz	75 ms
3	A	640 ms	660 Hz	880 Hz	100 ms
	B	0			0
	C	0			0

4 "Explosion"

5 "Tic toc"

6 Morse "K"

7 Morse "N"

8 Morse "B"

Tone sets 4-8 are covered by the above "messages". If the messages are emptied. The following tone parameters

Appear:

A	640 ms	660 Hz	660 Hz	580 ms
B	0			0
C	0			0
9 A	640 ms	660 Hz	660 Hz	120 ms
(Link 1)B	0			0
C	0			0
10 A	640 ms	660 Hz	250 Hz	100 ms
(Link 2)B	0			0
C	0			0

11-13 empty

Courtesy tones 1-8 are automatically selected based on hardware logic inputs (for telemetry) or by control op selection. Sets 9-12 identify signals entering from the links, while set 13 indicates link transmit mode on. Courtesy tone messages (such as Morse code characters or sound effects) can take the place of the tone parameters.