

A similar diversity exists for other functions such as Channel Up, Channel Down, etc.

Moreover, there are conflicts between the codes used by different products. For example, the following table lists the conflicting assignments of functions to the code "decimal 12:"

<u>FUNCTION</u>	<u>PRODUCT</u>
number 1	Starcom 400
EVENT	Starcom 450
+VOL	Starcom V
PC/PM (parental ctrl)	Starcom 6+, 7, Impulse 7000
number 8	5503-A, 5507, 5508

In summary, a wide variety of IR coding and modulation methods are used for IR remote controls. Even within a single technology, different pulse widths may be employed. Finally, different products assign different IR codes to the same function, and a particular IR code may be assigned to different functions in different products, thereby engendering potential conflicts even in a "universal" receiver.