

Accessory Compatibility with the R*I*C*K

NOTE: The accessories may be used ONLY with the unidirectional configurations.

The "ACCESSORY CONNECTOR CONFIGURATION" screens of the RSS show the required J3 pin connections for the Radius accessories. The signals that the accessories require are available at "J4-ACC" on the R*I*C*K. The following table lists:

- 1) the pin on J3 of the "receiver" radio (COR signal),
- 2) the position for jumper JU551 in the "receiver" radio,
- 3) the settings of dip switch S2 sections -2, -3, -5, -6 and -7 in the R*I*C*K, and
- 4) if an M100 or an M400 radio can be the "trans-

mitter" radio in the repeater and use a particular accessory.

If the accessory has not defined a "PL/DPL & CSQ Det" COR signal on either pin 8 or pin 14 of J3 of the "receiver" radio, then use the pin listed in the chart below. Program Function #05 "PL/DPL & CSQ Det" with NO debounce and LOW active level.

Radio Programming Screens

In this section, the screens from the RSS with suggested programming for the "receiver" radio and the "transmitter" radio will be presented. As is true with the default settings for any given accessory, it is believed that these should suffice for the majority of applications.

NOTE: The GENERAL I/O screen is used for programming the "receiver" radio for a Radius "2-mobile" repeater when Modem paging is the desired accessory.

Table 3. Accessory Compatibility Chart for the R*I*C*K

Accessory	COR PIN	JU-551	S2-2	S2-3	S2-5	S2-6	S2-7	M100/M400
DTMF Decoder (1)	14	B	ON	OFF	OFF	ON	ON	YES
MDC-1200 Console	8	A	OFF	ON	ON	OFF	OFF	NO
Modem Paging	14	A	ON	OFF	ON	OFF	OFF	NO
Phone Patch	8	B	OFF	ON	OFF	ON	ON	NO
Public Address	8	A	OFF	ON	ON	OFF	OFF	NO
Remote	8	B	OFF	ON	OFF	ON	OFF	YES
RPB50_Interface (2)	8	A	OFF	ON	ON	OFF	OFF	NO

(1) If the DTMF Decoder is present, only two of the three external accessories are compatible with the R*I*C*K:

- (a) the Public Address accessory may not be used
- (b) the Remote will lose the "I/O Mic Off Hook"
- (c) the "General I/O" operates normally.

(2) The Encoder model, E08ZPE0001, with either the HKN9547 (6 ft cable) or the HKN9555 (100 ft cable) should be used in this R*I*C*K application. Note that the "I/O Mic Off Hook" function will not operate.