

R*I*C*K WORKSHEET

If your application is different than those shown in the examples, this worksheet will help you to determine the proper settings for jumper JU1 and dip switch S2 in the R*I*C*K. If there is any confusion with the terms then consult the "Glossary" section of this manual.

All dip switch sections should be OFF before starting the worksheet.

1. Is the repeater supposed to be in the "setup" state at power-up?

___ yes: place JU1 across pins 1 and 2 of J6.

___ no: place JU1 across pins 2 and 3 of J6.

2. Is the repeater unidirectional or bi-directional?

___ unidirectional: Will the "PL/DPL and CSQ" (COR) function be programmed on pin 8 or pin 14 of the accessory connector, J3, of the "receiver" radio? (Use the pin that is used by any accessory connected to "J4-ACC" or use pin 8.)

___ pin 8: S2-1 OFF
S2-2 OFF
S2-3 ON

___ pin 14: S2-1 OFF
S2-2 ON
S2-3 OFF

___ bi-directional: S2-1 ON
S2-2 ON
S2-3 OFF
S2-10 OFF
S2-11 ON

NOTE: J3 pin 14 of the "receiver" radio and J3 pin 8 of the "transmitter" radio must be programmed for "PL/DPL and CSQ Detect" (OUTPUT direction, active LOW).

3. Will the remote repeater setup/knockdown be used? (See the "Setup/Knockdown Operation" section of this manual.)

___ yes: S2-4 ON

___ no: S2-4 OFF

4. Is the "transmitter" radio an M100 or an M400?

___ yes: S2-5 OFF
S2-6 ON
S2-8 ON
S2-9 OFF
Proceed to step 7.

___ no: Continue on to the next question.

5. Are any of the signaling features contained in the "RapidCall" package going to be transmitted through the repeater to the field radios?

___ yes: S2-5 ON
S2-6 OFF
S2-7 OFF
S2-8 OFF
S2-9 ON

___ no: Continue on to the next question.

NOTE: All signaling (PL, DPL and RapidCall) will be generated by the field radios. The "transmitter" radio of the repeater must be programmed to transmit "CSQ".