

## 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

\_\_\_ no: Continue on to the next question.

Proceed to step 7.

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".