

# Application Note

AN #: 187B

DATE: 4-Dec-98

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**PYRAMID MODEL #:** SVR-200 / SVR-250

**RADIO MODEL:** Relm RV60B

**ENGINEER:** W. Carlin

**APPROVAL INITIALS**

ENGINEER \_\_\_\_\_

DEPT. HEAD \_\_\_\_\_

| Connections: | SVR          | Function              | Radio                     |
|--------------|--------------|-----------------------|---------------------------|
|              | Black/Shield | Ground                | Chassis Ground            |
|              | White        | Tx Audio Out          | R502 hi side              |
|              | Blue         | Remote enable/disable | External Switch to Ground |
|              | Green        | PTT Out               | CR502 cathode             |
|              | Red          | Switched B+           | U702 Input                |
|              | Yellow       | Rx Audio In           | Volume Control hi side    |
|              | Violet       | COR                   | R701                      |
|              | Brown        | Local Mic In          | N/C                       |
|              | Grey         | On Air Detect         | N/C                       |

|                 |     |       |                       |                 |                      |         |
|-----------------|-----|-------|-----------------------|-----------------|----------------------|---------|
| <b>SVR</b>      | JP1 | [-]   | Remote Enable         | <b>SVR</b>      | Mobile COR Polarity: | High    |
| <b>Jumpers:</b> | J1  | [In]  | Tx audio level        | <b>Program:</b> | Mobile Type:         | Conv    |
|                 | J2  | [Out] | Tx audio impedance    |                 | On-Air Polarity:     | Low     |
|                 | J4  | [Out] | Local mic audio loop  |                 | Tx Audio Response:   | Flat    |
|                 | J5  | [Out] | Local mic PTT loop    |                 | Rx Audio Response:   | Pre-Emp |
|                 | J6  | [Out] | Local Mic Sensitivity |                 | Local Mic Repeat     | Disable |
|                 | J7  | [Out] | Rx Sensitivity        |                 |                      |         |
|                 | J8  | [+]   |                       |                 |                      |         |
|                 | J9  | [Out] |                       |                 |                      |         |

**Additional Modifications (SVR-200):** Replace R13 with 150K

**Additional Modifications (SVR-200):** Remove J11

**Additional Modifications (Radio):**

None

Revision Number \_\_\_\_\_

Date \_\_\_\_\_

Approval Initials \_\_\_\_\_