

Application Note

AN #: 219A

DATE:07-Jun-01

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PYRAMID MODEL #: SVR-200 / SVR-250 / SVR-300

RADIO MODEL: Standard GX-4800/5800/5850

ENGINEER: C. Carbajal

APPROVAL INITIALS

ENGINEER

DEPT. HEAD

| Connections: | SVR | Function | Radio |
|---------------------|--------------|-----------------------|---------------------------|
| | Black/Shield | Ground | JL03 Pin 2 |
| | White | Tx Audio Out | JL03 Pin 15 |
| | Blue | Remote enable/disable | External Switch to Ground |
| | Green | PTT Out | JL03 Pin 9 |
| | Red | Switched B+ | JL03 Pin 10 |
| | Yellow | Rx Audio In | JL04 Pin 16 |
| | Violet | COR | QA03 Pin 4 |
| | Brown | Local Mic In | N/C |
| | Grey | On Air Detect | Q305 (RF PA) Pin 3 |

| | | | | | | |
|-----------------|-----|-------|-----------------------|-----------------|----------------------|--------|
| SVR | JP1 | [-] | Remote Enable | SVR | Mobile COR Polarity: | Low |
| Jumpers: | J1 | [In] | Tx audio level | Program: | Mobile Type: | Conv/ |
| | J2 | [Out] | Tx audio impedance | | Trunk | |
| | J4 | [In] | Local mic audio loop | | On-Air Polarity: | High |
| | J5 | [Out] | Local mic PTT loop | | Tx Audio Response: | De-Emp |
| | J6 | [In] | Local Mic Sensitivity | | Rx Audio Response: | Flat |
| | J7 | [Out] | Rx Sensitivity | | | |
| | J8 | [+] | Pull up resistor | | | |
| | J9 | [Out] | MCOR Pull up resistor | | | |

Additional Modifications (SVR-200 / SVR-250 / SVR-300): None.

Additional Modifications (Radio):

1. Use Accessory Connector feedthrough on back for radio for Pyramid interface. Strain relief with tie