

## SWL IR Remote for JRC NRD-535

### Commands Quick Reference for Firmware 1.43

<p>Radio Power</p> <p><b>Power</b> Radio Power on/off or return to remote control operation Note: The power switch must be in the on position for the remote to work.</p> <p><b>0 Power</b> Take radio out of remote communications – returns front panel control</p> <p>Direct Entry of Frequencies</p> <p><b>0 8 3 0 Enter</b> 830kHz  <b>0 Mute 7 Enter</b> 700kHz  <b>5 0 0 Mute Enter</b> 500kHz  <b>3 Mute 2 5 9 Enter</b> 3259kHz  <b>1 5 Mute Enter</b> 15000kHz  <b>1 5 Mute 2 3 Mute 5 Enter</b> 15230.5kHz  <b>1 5 2 3 5 Enter</b> 15235kHz  <b>9 5 6 5 Enter</b> 9565kHz  <b>3 Mute 5 Enter</b> 3500kHz  <b>Mute (Mute) (Mute)</b> Clear key entry during numeric entry. (LED will blink twice)</p> <p>Frequency and Memory Channel Stepping</p> <table style="width: 100%; border: none;"> <tr> <td style="border: none;"></td> <td style="border: none; text-align: center;"><u>VFO Mode</u></td> <td style="border: none; text-align: center;"><u>Memory Mode</u></td> </tr> <tr> <td style="border: none;"><b>CH+</b></td> <td style="border: none;">Freq+ by tuning step</td> <td style="border: none;">Memory+</td> </tr> <tr> <td style="border: none;"><b>CH-</b></td> <td style="border: none;">Freq- by tuning step</td> <td style="border: none;">Memory-</td> </tr> </table>		<u>VFO Mode</u>	<u>Memory Mode</u>	<b>CH+</b>	Freq+ by tuning step	Memory+	<b>CH-</b>	Freq- by tuning step	Memory-	<p>Analog Controls</p> <p><b>VOL+</b> Analog control Clockwise (CW)  <b>VOL-</b> Analog control Counterclockwise (CCW)  <b>Mute</b> The PBS and BWC controls will be left in their current positions, and <b>VOL+/-</b> will no longer operate PBS or BWC controls.</p> <p>To return to normal operation after using PBS or BWC controls. <b>VOL+/-</b> will no longer operate the PBS or BWC controls.  <b>0</b> before <b>VOL+/-</b> Resets PBS, and BWC to default positions.  Defaults: PBS centered, and BWC full CCW</p> <p>PBS Control Operate the PBS control with <b>VOL+/-</b>.  <b>6</b> before <b>VOL+/-</b> (LED will go out when PBS is centered)</p> <p>BWC Control Operate the BWC control with <b>VOL+/-</b>.  <b>7</b> before <b>VOL+/-</b> (LED will go out when BWC is full CCW)</p> <p>Note: The BWC will only work on Intermediate, or Wide bandwidth and the BWC option must be installed. The NRD-535D had the BWC option standard. The BWC was an option on the NRD-535.</p> <p>Default, Min, and Max on BWC, and PBS</p> <p><b>x 0</b> before <b>VOL+/-</b> Default on PBS (<b>x</b>=6), or BWC (<b>x</b>=7) controls  Defaults: PBS centered, and BWC CCW</p> <p><b>x 1</b> before <b>VOL+/-</b> Min on PBS (<b>x</b>=6), or BWC (<b>x</b>=7) – Full CCW</p> <p><b>x 9</b> before <b>VOL+/-</b> Max on PBS (<b>x</b>=6), or BWC (<b>x</b>=7) – Full CW</p>													
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<p>Tuning Steps</p> <p><b>x</b> before <b>CH+/-</b> to set a tuning step (it stays until changed again)</p> <table style="width: 100%; border: none;"> <tr><td style="border: none;">1</td><td style="border: none;">1Hz</td></tr> <tr><td style="border: none;">2</td><td style="border: none;">10Hz</td></tr> <tr><td style="border: none;">3</td><td style="border: none;">100Hz</td></tr> <tr><td style="border: none;">4</td><td style="border: none;">1kHz</td></tr> <tr><td style="border: none;">5</td><td style="border: none;">5kHz</td></tr> <tr><td style="border: none;">6</td><td style="border: none;">10kHz</td></tr> <tr><td style="border: none;">7</td><td style="border: none;">100kHz</td></tr> <tr><td style="border: none;">8</td><td style="border: none;">1MHz</td></tr> <tr><td style="border: none;">9</td><td style="border: none;">9kHz</td></tr> </table> <p>User Tuning Steps</p> <p><b>0</b> before <b>CH+/-</b> Last Used User Tuning Step</p> <p><b>0 x</b> before <b>CH+/-</b> User Tuning Step (<b>x</b>=1, 2, 3, 4, 5)</p>	1	1Hz	2	10Hz	3	100Hz	4	1kHz	5	5kHz	6	10kHz	7	100kHz	8	1MHz	9	9kHz	<p>Scan Control</p> <table style="width: 100%; border: none;"> <tr> <td style="border: none;"></td> <td style="border: none; text-align: center;"><u>VFO Mode</u></td> </tr> <tr> <td style="border: none;"><b>Last</b></td> <td style="border: none;">Start/Stop Simulated Programmed Scan</td> </tr> </table> <p>Enter Commands –Toggles/Selects radio features</p> <p><b>Enter</b> VFO/Memory mode</p> <p><b>2 Enter</b> Attenuator on/off</p> <p><b>4 Enter</b> NB1, NB2, or NB off</p> <p><b>5 Enter</b> ECSS - LSB, or ECSS - USB modes (ECSS option must be installed)</p> <p><b>6 Enter</b> AGC slow, fast, or off (configurable)</p> <p><b>7 Enter</b> AM, FM (configurable), or CW (configurable)</p> <p><b>8 Enter</b> LSB, or USB</p> <p><b>9 Enter</b> Wide, Inter, Narrow, or Aux bandwidth</p> <p><b>0 Enter</b> Cycle through Tuning Rate (1Hz, 10Hz, or 100Hz)</p> <p>Memory Management</p> <p><b>x x x Last</b> Select Memory Channel xxx (for channels 100 - 199)</p> <p><b>x x Last</b> Select Memory Channel xx (for channels 10 - 99)</p> <p><b>x Last</b> Select Memory Channel x (for channels 1 - 9)</p> <p><b>0 Last</b> Memory to VFO (will not work when scanning)</p> <p><b>0 0 Last</b> Recall last directly entered frequency</p> <p><b>1 x x x Last</b> Write VFO Frequency and mode to memory channel xxx</p>		<u>VFO Mode</u>	<b>Last</b>	Start/Stop Simulated Programmed Scan
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