

SWL IR Remote for JRC NRD-545

Commands Quick Reference for Firmware 1.43

<p>Radio Power Power 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. 0 Power Take radio out of remote communications – returns front panel control</p> <p>Direct Entry of Frequencies 0 8 3 0 Enter 830kHz 0 Mute 7 Enter 700kHz 5 0 0 Mute Enter 500kHz 3 Mute 2 5 9 Enter 3259kHz 1 5 Mute Enter 15000kHz 1 5 Mute 2 3 Mute 5 Enter 15230.5kHz 1 5 2 3 5 Enter 15235kHz 9 5 6 5 Enter 9565kHz 3 Mute 5 Enter 3500kHz Mute (Mute) (Mute) Clear key entry during numeric entry. (LED will blink twice)</p> <p>Direct Entry of VHF Frequencies (Internal VHF Converter required) 4 6 Mute 4 2 46.42MHz 1 62 Mute 5 5 Mute 162.55MHz * * Note: additional Mute required for frequencies above 100 MHz.</p> <p>Frequency and Memory Channel Stepping</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 40%; text-align: center;"><u>VFO Mode</u></th> <th style="width: 50%; text-align: center;"><u>Memory Mode</u></th> </tr> </thead> <tbody> <tr> <td>CH+</td> <td>Freq+ by tuning step</td> <td>Memory+</td> </tr> <tr> <td>CH-</td> <td>Freq- by tuning step</td> <td>Memory-</td> </tr> </tbody> </table>		<u>VFO Mode</u>	<u>Memory Mode</u>	CH+	Freq+ by tuning step	Memory+	CH-	Freq- by tuning step	Memory-	<p>RF Gain Control 1 before VOL+/- Operate the RF Gain control with VOL+/-. (LED will go out when the control is full CW)</p> <p>SQL Control 2 before VOL+/- Operate the SQL control with VOL+/-. (LED will go out when the control is full CCW)</p> <p>Notch Control 3 before VOL+/- Operate the Notch control with VOL+/-. (LED will go out when Notch is centered)</p> <p>NB Control 4 before VOL+/- Operate the NB control with VOL+/-. (LED will go out when the control is full CCW)</p> <p>PBS Control 6 before VOL+/- Operate the PBS control with VOL+/-. (LED will go out when PBS is centered)</p> <p>BWC Control 7 before VOL+/- Operate the BWC control with VOL+/-.</p> <p>Tone Control 8 before VOL+/- Operate the Tone control with VOL+/-. (LED will go out when the control is centered)</p> <p>Default, Min, and Max on RF Gain, SQL, Notch, NB, PBS, BWC, and Tone x 0 before VOL+/- Default - RF Gain (x=1) max, SQL (x=2) min; Notch (x=3), NB (x=4), PBS (x=6), BWC (x=7), or Tone (x=8) - centered x 1 before VOL+/- Min - RF Gain (x=1), SQL (x=2), Notch (x=3), NB (x=4), PBS (x=6), BWC (x=7), or Tone (x=8) – Full CCW x 5 before VOL+/- Notch (x=3), PBS (x=6), BWC (x=7), or Tone (x=8) - centered x 9 before VOL+/- Max - RF Gain (x=1), SQL (x=2), Notch (x=3), NB (x=4), PBS (x=6), BWC (x=7), or Tone (x=8) – Full CW</p>									
	<u>VFO Mode</u>	<u>Memory Mode</u>																	
CH+	Freq+ by tuning step	Memory+																	
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<p>Tuning Steps x before CH+/- to set a tuning step (it stays until changed again)</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>1</td><td>1Hz</td></tr> <tr><td>2</td><td>10Hz</td></tr> <tr><td>3</td><td>100Hz</td></tr> <tr><td>4</td><td>1kHz</td></tr> <tr><td>5</td><td>5kHz</td></tr> <tr><td>6</td><td>10kHz</td></tr> <tr><td>7</td><td>100kHz</td></tr> <tr><td>8</td><td>1MHz</td></tr> <tr><td>9</td><td>9kHz</td></tr> </tbody> </table> <p>User Tuning Steps 0 before CH+/- Last Used User Tuning Step 0 x before CH+/- User Tuning Step (x=1, 2, 3, 4, 5)</p> <p>Volume Control VOL+ Volume up/Analog control CW VOL- Volume down/Analog control CCW Mute Mute on/off (returns VOL+/- to volume control after using RF Gain, SQL, NB, Notch, PBS, BWC, or Tone controls)</p> <p>To return to Volume Control after using RF Gain, SQL, Notch, NB, PBS, BWC, or Tone controls 0 before VOL+/- Resets all analog controls to default positions. Mute (does not reset any analog controls)</p>	1	1Hz	2	10Hz	3	100Hz	4	1kHz	5	5kHz	6	10kHz	7	100kHz	8	1MHz	9	9kHz	<p>Enter Commands –Toggles/Selects radio features Enter VFO/Memory mode 1 Enter NR, BC, or off 2 Enter Attenuator on/off 3 Enter Notch off/on, Notch Tracking on 4 Enter NB1, NB2, or NB off 5 Enter ECSS - LSB, or ECSS - USB mode 6 Enter AGC slow, fast, or off (configurable) 7 Enter AM, AMS, FM & WFM (configurable), or CW (configurable) 8 Enter LSB, or USB 9 Enter Wide, Inter, or Narrow bandwidth 0 Enter Cycle through Tuning Rate (1Hz, 10Hz, or 100Hz) 0 0 Enter Dim/Brighten display 0 1 Enter Turn on/off AGC display 0 2 Enter Turn on/off BWC display</p> <p>Memory Management x x x Last Select Memory Channel xxx (for channels 100 - 199) x x Last Select Memory Channel xx (for channels 10 - 99) x Last Select Memory Channel x (for channels 1 - 9) 0 Last Memory to VFO 0 0 Last Recall last directly entered frequency 1 x x x Last Write VFO Frequency and mode to memory channel xxx</p>
1	1Hz																		
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