

SWL IR Remote for ICOM Receivers and Transceivers

Commands Quick Reference for Firmware 1.43

| <p>Radio Power Power Radio power on/off</p> <p>Direct Entry of Frequencies</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>0 8 3 0 Enter</td><td>830kHz</td></tr> <tr><td>0 Mute 7 Enter</td><td>700kHz</td></tr> <tr><td>5 0 0 Mute Enter</td><td>500kHz</td></tr> <tr><td>3 Mute 2 5 9 Enter</td><td>3259kHz</td></tr> <tr><td>1 5 Mute Enter</td><td>15000kHz</td></tr> <tr><td>1 5 Mute 2 3 Mute 5 Enter</td><td>15230.5kHz</td></tr> <tr><td>1 5 2 3 5 Enter</td><td>15235kHz</td></tr> <tr><td>9 5 6 5 Enter</td><td>9565kHz</td></tr> <tr><td>3 Mute 5 Enter</td><td>3500kHz</td></tr> </table> <p>Mute (Mute) (Mute) Clear key entry during numeric entry. (LED will blink twice)</p> <p>Frequency and Memory Channel Stepping</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>VFO Mode</u></th> <th style="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> <p>Tuning Steps x before CH+/- to set a tuning step (it stays until changed again)</p> <table style="width: 100%; border-collapse: collapse;"> <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> </table> <p>User Tuning Steps</p> <p>0 Last Used User Tuning Step</p> <p>0 x User Tuning Step (x=1, 2, 3, 4, 5)</p> | 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 | | <u>VFO Mode</u> | <u>Memory Mode</u> | CH+ | Freq+ by tuning step | Memory+ | CH- | Freq- by tuning step | Memory- | 1 | 1Hz | 2 | 10Hz | 3 | 100Hz | 4 | 1kHz | 5 | 5kHz | 6 | 10kHz | 7 | 100kHz | 8 | 1MHz | 9 | 9kHz | <p>Setting Frequency Pacing (0 9 4 Enter) x x Enter Value from 1 to 99 to control frequency pacing (tuning speed). 1 is the fastest and 99 is the slowest. Default setting is 30.</p> <p>Enabling/Disabling Optional Mode Selections (0 9 6 Enter)</p> <p>0 Enter Disable FM and CW modes in selections (Factory default). 1 Enter Enable FM mode in selections. 2 Enter Enable CW mode in selections. 3 Enter Enable both FM and CW in mode selections.</p> <p>Defining User Tuning Steps (0 9 7 Enter) x Mute f f f f Enter The User Tuning step x (1, 2, 3, 4, or 5) is defined as frequency ffff, converted to f.fffkHz. You must enter all digits, even zeroes; e.g. define Tuning Step 2 with a value of 1.4kHz would be 2 Mute 1 4 0 0 Enter. The display on the radio will show the value as 2.140.000Hz when you are done to confirm the entered value.</p> <p>Scan Control</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>VFO Mode</u></th> <th style="text-align: center;"><u>Memory Mode</u></th> </tr> </thead> <tbody> <tr> <td>Last</td> <td>Start/Stop Programmed Scan</td> <td>Start/Stop Memory Scan</td> </tr> </tbody> </table> <p>Enter Commands –Toggles/Selects radio features</p> <p>Enter VFO/Memory mode 2 Enter Attenuator on/off 7 Enter AM mode, FM (configurable), or CW (configurable) 8 Enter LSB, USB modes 9 Enter Wide, Normal, or Narrow filters 0 x Enter Announce with speech synthesis</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>0 -</td><td>all data</td></tr> <tr><td>1 -</td><td>Frequency and S-Meter</td></tr> <tr><td>2 -</td><td>Receive Mode</td></tr> </table> <p>Direct Enter Commands – Directly Selects radio features</p> <p>8 x Enter Modes</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>1 -</td><td>LSB</td></tr> <tr><td>2 -</td><td>USB</td></tr> <tr><td>3 -</td><td>AM</td></tr> <tr><td>4 -</td><td>CW</td></tr> <tr><td>5 -</td><td>RTTY</td></tr> <tr><td>6 -</td><td>FM</td></tr> </table> <p>9 x Enter Filter Selection</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>1 -</td><td>Wide</td></tr> <tr><td>2 -</td><td>Normal</td></tr> <tr><td>3 -</td><td>Narrow</td></tr> </table> <p>Memory Management</p> <p>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 (will not work when scanning) 0 0 Last Recall last directly entered frequency 1 0 0 Last Write VFO Frequency and mode to currently selected memory channel</p> | | <u>VFO Mode</u> | <u>Memory Mode</u> | Last | Start/Stop Programmed Scan | Start/Stop Memory Scan | 0 - | all data | 1 - | Frequency and S-Meter | 2 - | Receive Mode | 1 - | LSB | 2 - | USB | 3 - | AM | 4 - | CW | 5 - | RTTY | 6 - | FM | 1 - | Wide | 2 - | Normal | 3 - | Narrow |
|--|----------------------------|------------------------|-----------------------|--------|-------------------------|--------|---------------------------|---------|-----------------------|----------|----------------------------------|------------|------------------------|----------|----------------------|---------|-----------------------|---------|--|-----------------|--------------------|------------|----------------------|---------|------------|----------------------|---------|---|-----|---|------|---|-------|---|------|---|------|---|-------|---|--------|---|------|---|------|---|--|-----------------|--------------------|-------------|----------------------------|------------------------|------------|----------|------------|-----------------------|------------|--------------|------------|-----|------------|-----|------------|----|------------|----|------------|------|------------|----|------------|------|------------|--------|------------|--------|
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <u>VFO Mode</u> | <u>Memory Mode</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH+ | Freq+ by tuning step | Memory+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH- | Freq- by tuning step | Memory- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 1Hz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 10Hz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 100Hz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 1kHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 5kHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 10kHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 100kHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 1MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 9kHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <u>VFO Mode</u> | <u>Memory Mode</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last | Start/Stop Programmed Scan | Start/Stop Memory Scan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 - | all data | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 - | Frequency and S-Meter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 - | Receive Mode | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 - | LSB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 - | USB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 - | AM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 - | CW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 - | RTTY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 - | FM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 - | Wide | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 - | Normal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 - | Narrow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |