

**Joseph Oregon Repeater & Echolink System**  
Echolink Node number **323569** KB7DZR-R  
**User Guide 02/12**

**147.000 MHz (+) 103.5 Tone**  
(Repeater input 147.600 MHz)

**You must use a 103.5 Tone for access.**

For the best results when using this system also set your radio for tone squelch (tsq / dec). This will stop other signals and/or noise from opening your radios squelch. You will also hear less noise and ID's from the repeater. (It really makes it nice to use)

The Repeater and Echolink Node may be used by any licensed amateur radio operator. It's built for very heavy use, please use it as much as you like. It also has full back up power and will even support Echolink during short power outages.

Located between Joseph and Enterprise, this system covers most of the Wallowa Valley. Its hand held friendly even at low power settings in Enterprise, Joseph, Wallowa Lake State Park and into parts of the Eagle Cap Wilderness.

Please be courteous and pause a few seconds after the other station is done talking at all times. This will allow other stations to break in should they need to and to allow the system to work properly. A courtesy tone will be heard, One single beep when it's a local station and a double beep (dit da) when it's a station on Echolink or the systems voice. You never need to wait for the system to stop transmitting.

**The system will transmit weather warnings for the local area when issued.**

You can also use your touch tone pad to get system information, the current weather, forecast, weather warnings, or to connect and disconnect to other nodes/systems.

**System Touch Tone Commands**

**0\*** - System Info. **00** - System Help Menu

**1\*** - Joseph Weather **2\*** - Forecast **3\*** - Warnings

**4\*** - Temperature **5\*** - Time **6\*** - Area Weather **7\*** - Mt Howard Weather

**12\*** - Detailed System Info **08** - System Status (connections) **09** - Reconnect Last System

**CC1** - Radio & Input Signal Test **#** - Disconnect a station, Stop Radio Test, or Stop News

If you are connecting to other nodes first check the system status by **Pressing 08** disconnect the current connection if needed by **Pressing #** then connect to the node you want by entering the number (or node shortcut) you wish to connect to. When done with your contact **Press #** to disconnect this system/node from the connected node.

You are welcome to leave it connected to any system as long as you like.

The system resets and disconnects at 1AM daily.

## KB7DZR NODE SHORTCUTS

\* Denotes that node is using this same shortcut list

| Call     | Shortcut | Location        | Node   | Frequency | PL Tone     | Sysop          |
|----------|----------|-----------------|--------|-----------|-------------|----------------|
| W7UPS-L  | A00      | Kennewick, WA   | 46132  | 147.560 S | 100.0       | *Steve         |
| KB7ZEN-L | A01      | Spokane, WA     | 130935 | 145.390 - | 100.0/127.3 | *Bob           |
| W7UPS-R  | A02      | Kennewick, WA   | 195958 | 145.390 - | 103.5       | *Steve         |
| N7VZP-L  | A03      | Portland, OR    | 39495  | 147.560 S | 100.0       | *Dennis        |
| K5TRA-L  | A04      | Beaverton, OR   | 242585 | 146.490 S | 123.0       | *Tom           |
| WR7UKC-R | A05      | Cle Elum, WA    | 53070  | 147.160 + | 131.8       | *Jack          |
|          |          |                 |        |           |             |                |
| KB7LNR-R | A07      | Bend, OR        | 211222 | 147.360 + |             | *Jerry         |
| W7DTS-R  | A08      | Ephrata, WA     | 222755 | 146.78 +  | 156.7       | *Jim           |
| KC7VQR-R | A09      | Selah, WA       | 211068 | 147.240 + | 192.8       | *Rob           |
| WA7HJV-L | A10      | Pendleton, OR   | 7099   | 145.720 S | 88.5        | *Jack          |
| W7HDO-R  | A11      | Centralia, WA   | 364155 | 147.060 + | 110.9       | *Kim           |
|          |          |                 |        |           |             |                |
| N3KPU-L  | A13      | Graham, WA      | 224941 | 146.44 S  |             | *Mike          |
| KE7IOX-L | A14      | Soap Lake, WA   | 325774 | 146.550 S | 103.5       | *Pete          |
| KB7DZR-R | A15      | Joseph, OR      | 323569 | 147.000 + | 103.5       | *Scott         |
| KE7QYU-L | A16      | La Grande, OR   | 500669 | 146.980 - | 100.0       | Jeff/W4PJS Rpt |
| K7KLA-L  | A17      | Walla Walla, WA | 496287 | 146.460 S | 100.0       | Brandon        |
| N7NNV-L  | A18      | Elko, NV        | 353259 | 147.500 S | 100.0       | *Martin        |
| KD7KDE-L | A19      | Yelm, WA        | 294981 | 146.540 S |             | *Cindy         |
| WA7HOI-L | A20      | Renton, WA      | 337366 | 147.440 S |             | *Marty         |
| N7LZM-R  | A21      | Kennewick, WA   | 380445 | 145.410 - | 100.0       | *Terry         |
| W6MNR-R  | A22      | Umatilla, OR    | 200848 | 145.490 - |             | *Doug          |
|          |          |                 |        |           |             |                |
| KB7WPU-R | A24      | Soap Lake, WA   | 377349 | 147.160 + | 103.5       | *Rod           |
| N7YHE-R  | A25      | Billings, MT    | 104664 | 147.200 + | 100.0       | *Mike          |

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| Call       | Shortcut | Location          | Node   | Frequency | PL Tone    | Sysop    |
|------------|----------|-------------------|--------|-----------|------------|----------|
| *CARE_HUB* | A50      | San Diego, CA     | 119705 | WV6H      | Conference | Stuart   |
| *NV-GATE*  | A51      | Las Vegas, NV     | 152566 | WA7AOR    | Conference | Kent     |
| WA7HTJ-R   | A52      | Seattle, WA       | 202225 | 444.650 + | 131.8      | *Bob     |
| KD7QJO-R   | A53      | Salem, OR         | 158271 | 440.800 + |            | *Jake    |
| WB7WSP-R   | A54      | Ephrata, WA       | 411928 | 444.900 + | 103.5      | *Larry   |
| N7RHT-R    | A54      | Wenatchee, WA     | 222755 | 444.750 + | 103.5      | *Larry   |
| K7QT-R     | A55      | Eugene, OR        | 119178 | 441.125 + | 141.3      | *Dave    |
| K5TRA-R    | A56      | Beaverton, OR     | 242585 | 441.225 + | 100.0      | *Tom     |
| N6OBY-R    | A57      | Seattle, WA       | 23888  | 443.325   | 103.5      | *Mark    |
| KD7YPY-R   | A58      | Tillamook, OR     | 266640 | 441.250 + | 118.8      | Mike     |
| W7TRF-R    | A59      | Spokane, WA       | 282039 | 443.475 + | 88.5       | *Tom     |
| KD7IKZ-R   | A60      | Spokane, WA       | 216767 | 443.850 + | 114.8      | *Bob     |
| KD7IKZ-R   | A60      | Spokane, WA       | 216767 | 444.300 + | 114.8      | *Bob     |
| KA7BTV-R   | A61      | Klamath Falls, OR | 211274 | 443.450 + | 173.8      | *Darrell |
| WW7SEA-R   | A62      | Seattle, WA       | 111001 | 444.700 + | 103.5      | *Barry   |
| W7GLB-R    | A63      | Seattle, WA       | 492704 | 443.775 + | 103.5      | *Rick    |
|            |          |                   |        |           |            |          |
| KB7WPU-R   | A65      | Soap Lake, WA     | 377349 | 444.550 + | 103.5      | *Rod     |
| W7YKM-R    | A66      | Cowiche, WA       | 397488 | 442.725 + | 127.3      | *Ian     |

## KB7DZR NODE EXTRA SHORTCUTS

Shortcuts here are not the same on other systems

| Call       | Shortcut | Location  | Node   | Frequency | PL Tone    | Sysop                |
|------------|----------|-----------|--------|-----------|------------|----------------------|
| *IRELAND*  | C01      | Ireland   | 2605   |           | Conference | Systems World Wide   |
| *DODROPIN* | C02      | USA       | 355800 |           | Conference |                      |
| *NASA*     | C03      | NASA      | 321472 |           | Conference | Space Communications |
| *AMSAT*    | C04      | AMSAT     | 101377 |           | Conference | Space Communications |
| *WX_TALK*  | C05      | Skywarn   | 7203   |           | Conference | Weather nets         |
| WB7QAZ-R   | C09      | Canby, OR | 429797 | 442.900 + | 123.0      | Mike                 |