

WWVB

This mode decodes the time code information transmitted by station WWVB, on 60 KHz. It does not decode the time code transmissions from WWV or WWVH on shortwave. You need a receiver capable of tuning the low end of the longwave band.

Tune your receiver to 60 KHz using CW or sideband mode. Adjust the tuning and volume so that the pulses displayed in the signal window are clean, and match the beeps you hear from the radio.

There are two status LEDs - BAD and DATA:

BAD flashes RED if a WWVB pulse is not received, or if the pulse is not properly synchronized. When WWVB is first tuned it, this LED will flash, until the reception is correctly synchronized.

DATA flashes GREEN when a proper WWVB pulse is received.

DATA flashes BLUE when a WWVB position identifier pulse is received, normally every ten seconds.

Two position identifier pulses signify the beginning of the next minute. At this time the received time information for the previous minute is displayed.