

## **Erika Wireless USB Mic Best Practices**

- 1) Wearing the Erika Mic
  - a. USB connector pointed downwards
  - b. Center of chest area, about a fist below your chin.
  - c. Avoid placing the mic near pacemakers or any medical device effected by a magnetic field.
  - d. Maintains consistent audio levels
  - e. No pop filter required
- 2) Optimizing the wireless range
  - a. Avoid using USB 3.0 hubs
  - b. Open line of sight from mic to receiver
  - c. Use receiver stand, raise up the receiver, use a USB extension cable, if needed
  - d. If human bodies or other obstructions are in the line-of-sight from mic to receiver, elevate the receiver or move it. You may use a USB extension cable.
  - e. Move your WIFI to 5 GHz
  - f. Reduce WIFI channel width to 20MHz
  - g. Consolidate different WIFI access points/routers to a single channel
  - h. Keep receiver away from WIFI access point / router
  - i. Use the lowest acceptable range setting to maximize battery life and co-existence with other wireless devices.
- 3) Charging the mic
  - a. No concerns regarding over charging or over discharging
- 4) Voice mode vs music mode selection
  - a. Voice mode for most applications
- 5) Connecting Erika to a USB Hub
  - a. Use a USB 2.x hub, avoid USB 3.x hubs, as they generate noise in the 2.4 GHz spectrum
- 6) Auto-Mute, aka setting the wireless range
- 7) Setting the volume level
  - a. Adjust the mic level to anticipate the loudest expected audio levels. Peaks in the minus 12 dB to minus 6 dB range are fine. 7b.
  - b. Avoid setting the mic level too low. You should see movement in the center of the audio level meter and nothing in the red zone.
- 8) Updating the firmware
- 9) Sanitizing the mic

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### **Best Practices**

- a. Use a moist sanitizing wipe to disinfect the mic, but avoid getting any liquid down the mic port hole or USB port.
- 10) Pairing and un-pairing mic and receiver
  - a. Mic and receiver come “Pre-paired” at the factory. Use the Erika app to “un-pair” if necessary.
- 11) Multi-mic applications
  - a. Keep the receivers separated by at least 8 inches from one another. Always use the receiver stand to elevate the receiver off the table.