**EarGear Protocol**

**System Commands**

VER Returns firmware version

LISTEN Enter Listen Mode

ENDLISTEN Stop Listen Mode

PING Returns “OK”

SHUTDOWN Switches off device

BATT Returns a number between 1 and 100

**Move Commands**

EARHOME Move servos to their home position

LETWIST

RETWIST

BOTHTWIST

LTDOWN

RTDOWN

BOTHDOWN

**Call and response**

Each move command sent from the app gets the same command returned with BEGIN appended. After the command finishes, the command is sent again with END appended.

Each system command generates a specific unique response.

**Power**

Ears sleep after 120 seconds of inactivity

Power off after 300 seconds of inactivity

Note: Switching Listening Mode on suspends timers until listening mode off is triggered.

Battery notifications are auto sent every 5 percent.

If you send BATT you get the exact amount by return.

You can monitor the separate battery characteristic for 5 nice slices.