# SpeedThru to QTimer Timer

Wentworth Technology
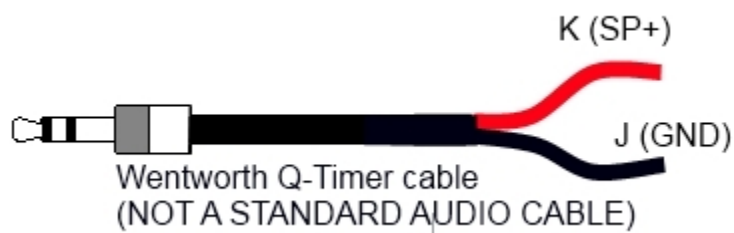SpeedThru to Hyperactive Q-Timer connection for greet cancel.

The Hyperactive Q-Timer requires a special cable (P/N 3172) from Wentworth Technology in order to utilize the greet timer function when using Wentworth's SpeedThru headset system.

**DO NOT use a standard audio jack/cable, this will damage the Q-Timer or the WT SpeedThru.**

Wentworth Technology's audio jack for the Q-Timer has special circuitry in it to make the devices electrically compatible.

Hook the RED wire on the Wentworth Q-Timer plug to the K (SP+) terminal on the SpeedThru system
Hook the BLACK wire on the Wentworth Q-Timer plug to the J (GND) terminal on the SpeedThru system



K (SP+)

J (GND)

Wentworth Q-Timer cable
(NOT A STANDARD AUDIO CABLE)
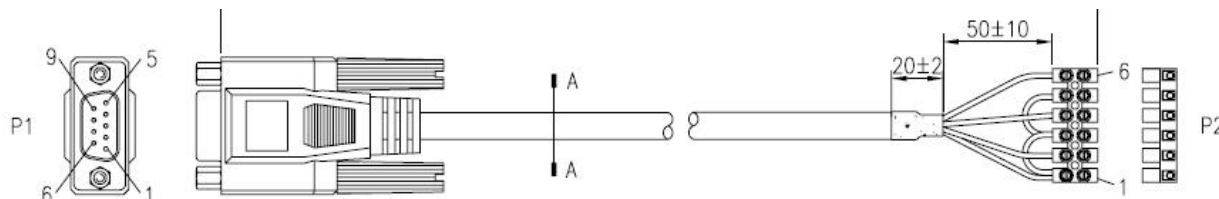
Line In

HyperActive
Computer

Plug the Q Timer cable (P/N 3172)  into the Hyperactive Q-Timer microphone input per Hyperactive's instructions.  Have Hyperactive log into the Qtimer and do the following:
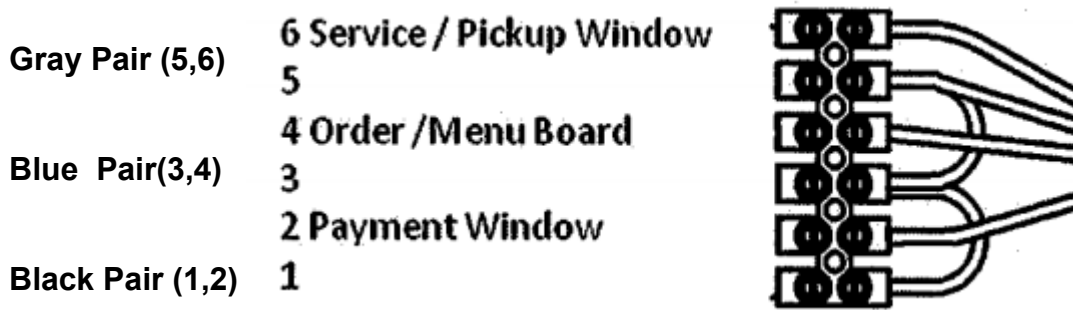1. In the loop calibration wizard, be sure to select Drive-Thru Headset Controller is connected to the PC audio input.
2.  Adjust the greet timer sensitivity by adjusting the Qtimer's PC microphone input level.
3.  Add a 0.5 to 1s delay to the DAB greet delay on the Qtimer if your average greet time is consistently 0 or negative seconds.

**Additional QTimer wiring instructions:**

The QTimer LCK (Loop Communication Kit) consists of a 15' Serial Data Acquisition Cable (S-DAC), a USB to serial adapter.  One end of the 15' S-DAC cable is a DB9 Female for the PC, and the other end is a six terminal barrier strip with the terminal "One" identified.



The following connections are suggested:



**Gray Pair (5,6)**    6 Service / Pickup Window
                       5
                       4 Order /Menu Board
**Blue  Pair(3,4)**    3
                       2 Payment Window
**Black Pair (1,2)**   1

**1. Connect the Gray Pair (5,6) to the service (pickup) window vehicle detector's relay A or B outputs.  The order does not matter.**

**2. When using Wentworth's EDI LMA vehicle detector, connect relay output B, pins 3 and 9 to Qtimer S-DAC pins 3 and 4.  The order does not matter.  Make sure the dip switch settings are correct.  DO NOT share relay connections with the timer and headset base station- use output A for the headset, output B for the timer.**

**Vehicle detector switch settings:**
**LMA200  - DIP7 ON DIP8 OFF**
**LMA1250 -DIP6 ON DIP7 OFF**