

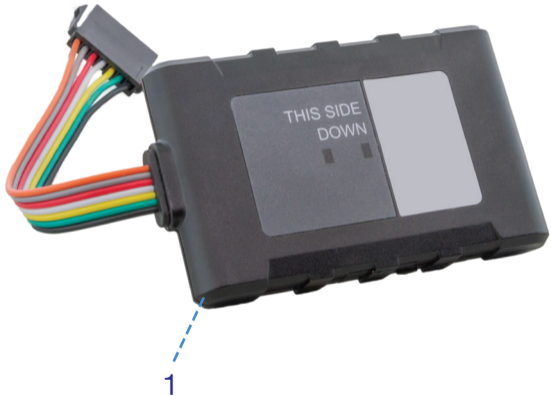
Livewire 4

User's Guide

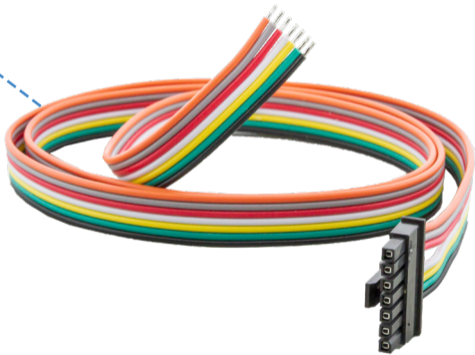


What's Inside








1. Livewire 4
2. Wire



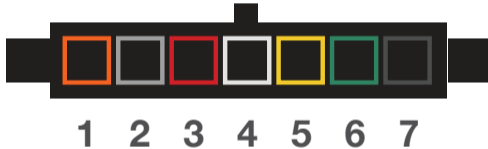
2



Livewire 4 Wiring Diagram Wiring Key

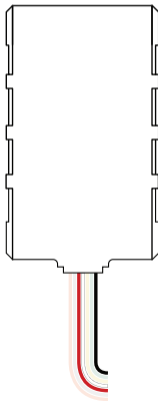
Pin	Wire Color	Description
7	 Black	Ground
6	 Green	Output 2
5	 Yellow	Output 1/Input
4	 White	Ignition Detection
3	 Red	12v Power Input
2	 Gray	TXD
1	 Orange	RXD

Livewire 4 Wiring Diagram Pin Layout From Device



Livewire 4 Wiring (Basic Installation)

Just three wires are needed for this installation.



Pin	Wire Color	Connection
7	Black	Run to Ground
4	White	Run to Ignition
3	Red	Run to 12v Power

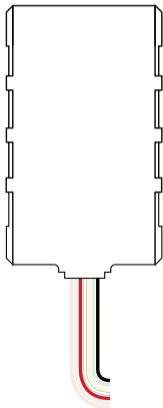
Notes on TXD and RXD (Advanced Installation)

TXD signal is an output on a DTE device and an input on a DCE device. Similarly, RXD is an output on a DCE device and input on a DTE device.

Livewire 4 Wiring (Advanced Installation)



STOP - Advanced installation not required for regular GPS tracking.
Please contact us before attempting any custom installations.



Pin	Wire Color	Connection
7	Black	Run to Ground
6	Green	Output 2
5	Yellow	Output 1/Input
4	White	Run to Ignition (Connect to Run Part)
3	Red	Run to 12v Power
2	Gray	TXD
1	Orange	RXD

Getting Started

If you purchased your device pre-activated you should have already received an email containing your default login information before the device arrived.

If you did not purchase a pre-activated tracker, please visit activate.brickhousesecurity.com to complete your device activation.

Installation of the Livewire 4 is similar to that of a car stereo. If you are not confident in your ability to install the device, we suggest that you contact a local car stereo/alarm installer. The Livewire 4 is powered by your vehicle; to install the device, connect the wiring harness to the base unit as indicated in the diagram above. Once that's done, connect the Red wire to the vehicle's power. Connect the Black wire to Ground. Connect the White wire to the vehicle's ignition or accessory power.

The Livewire 4 features an internal antenna which is needed to ensure GPS communication. When installing the unit in the dash of the vehicle, place the unit with the lights and logo facing down with as little metallic obstruction above it as possible. Because of differences in vehicle

manufacturers, best placement will vary by vehicle. If signal strength seems to be weak, move the device to a different position and check the platform to see if the device has connected and is reporting.

Once the unit has been installed, take the car for a drive for 15-20 minutes so the device can register on the GPS network and begin reporting. The Livewire 4 is motion activated; it will only attempt to communicate with the platform when motion is detected, which will update the tracker's position on the map.

The Red and Green LEDs on the label side of the device are intended to help you troubleshoot problems with your tracker. When the car's ignition is first turned on, the device will power up. The GPS Light (RED) should begin to flash followed by the Cell Light (GREEN). The GPS Light will turn solid once a GPS signal is located. The Cell Light will slow down, but remain flashing once it has connected to the cellular network.

The Red and Green LEDs on the back panel of the device are intended to help you troubleshoot problems with your Livewire. When the car's ignition is first turned on, the device will power up. The Green LED will show solid for approximately 30 seconds (there may be some brief flickers initially

while the processor initializes). At no other time should the Green LED remain solid for such a long period.

Tracking Your Device

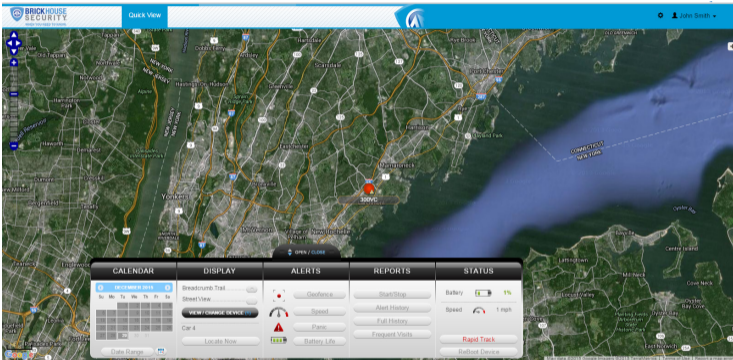
By default, the Livewire 4 reports every 1 minute when your car ignition is turned on/while the vehicle is moving and will report every hour when the ignition is off.

If you plan on tracking a vehicle that will remain idle for extended periods of time, we recommend unplugging the Livewire 4 to alleviate any risk of draining the car's battery.

To track your Livewire 4, open a browser window and go to <http://BrickHouseSecurity.com>. Hover your cursor over the Login tab on the top right of the website and click on GPS Tracking. Enter your login information and press the Submit button. If you have multiple devices on your account, the first 3 that were registered will be automatically selected and appear on the map. Along the bottom of your screen will be your dashboard.

Navigation Arrows

Change Map View



Zoom Bar

Dashboard

Last Known Location

Tracking information is displayed using Google Maps, so navigation is similar to what most people have grown used to from internet-based mapping solutions. You can use the Navigation arrows and Zoom Bar to move around the map, or drag the map using your mouse and zoom using a click wheel mouse.

At the bottom of the pop-up window are the Zoom, Street View, and Live Tracker buttons.

- Zoom will perform the same task as using the Zoom bar on the left side of the map; zooming in on the icon you have selected.
- Street View will open up a separate window displaying Google's Street View, if available.

The White Target icon will appear where a tracker transmitted most recently. Click on an icon to bring up a pop-up box. This will show your tracker's name, the distance it has traveled on this trip, what direction it was moving in, speed, battery information, and start and stop locations. Start will display the beginning location of the current trip and the time it was recorded. Stop will display the most recent location from the device,

Summary

Vehicle ID: 389VC

Start: 12/15/2015 12:00:30 AM
4 Roosevelt Ave, LAR/CRMS/NT, Manassack, NY, 12036, US
Lat: 42.832296999999997 Lon: -73.753045999999999
Alt: 72 ft

Stop: 12/15/2015 11:48:50 PM
2 Roosevelt Ave, LAR/CRMS/NT, Manassack, NY, 12036, US
Lat: 42.832296999999997 Lon: -73.753045999999999
Alt: 21 ft

Distance: 33.01 mi

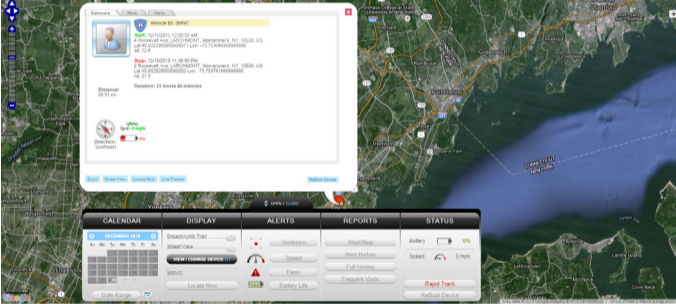
Duration: 23 hours 48 minutes

Speed: 8 mph

Direction: Southwest

Buttons: [Track](#) [Street View](#) [Locate Now](#) [Live Tracker](#) [Reboot Device](#)

CALENDAR	DISPLAY	ALERTS	REPORTS	STATUS
DECEMBER 2015 Sa Su Mo Tu We Th Fr Sa	Breadcrumbs Trail Street View VIEW CHANGED DEVICE 100%VC Locate Now	Confidence Speed Panic Battery Life	Start/Stop Alert History Full History Frequent Visits	Battery 8% Speed 0 mph Rapid Track Reboot Device



as well as the time it was reported. The [More](#) tab is not currently active. Future updates to the platform will utilize this tab.

The [Geofence](#) tab allows you to create quick geofences, based on the location you are currently viewing and route the device was following. Use the Circular GeoFence radio button to create a perimeter around the location you are clicked on. Use the Route GeoFence radio button to create a boundary that will follow the entire trip your device was on.

Give the [GeoFence](#) a name in the GeoFence Name window, and add a short description in the Description box (optional).

Use the [Action](#) dropdown box to choose if you would like an alert created when the device enters the chosen area, exits the area, or both. Use the Radius box to choose how large the area will be. You can enter values below a mile as decimals. For example: A half-mile radius geofence would be entered as .5.

When you're done, press the [Create Geofence](#) button to save.

The Alerts will display the most recent Geofence, Speed, Panic, or Power alerts that have been triggered

Unit 1001 Live Tracker - Mozilla Firefox

track.bhs.net/G/LiveTracker.aspx?unitName=Unit+1001&defaultMapMode=

Unit 1001 Live Tracker

Share This

Map Satellite

4:06 until refresh

Set Refresh Default Show Default

The Video Links tab is not currently active. Future updates will take advantage of this tab.

Live Tracker will open up a separate window displaying your devices' locations, and allows you to see past locations. Using the drop-down boxes on the bottom right of the window, you can adjust how often your screen refreshes and how many locations will appear on the screen. The counter on the bottom left of the window displays how long it will be until your screen refreshes. You can email a link to this page, allowing other users to view your tracker's location by clicking on the Share This icon in the upper right hand corner of the window. When doing so, you may choose how long the link will be active before it expires using the Link Expiration dropdown.

Using the Dashboard

The [Calendar](#) allows a user to choose from which dates information can display. Any date that has tracking information will be highlighted. Simply click on that date to display information. To choose multiple days, click on the Date Range button, input a start and end date, and press





Search. Press the Current Date button to return to viewing the current day's information. When searching by date, all locates generated in the chosen timeframe will display as breadcrumbs.



Under the [Display](#) section you can see a list of all devices currently displaying information on the map. Click on the View/Change Device button to choose which of your devices will display on the map. This button only serves a purpose if there are multiple devices on your account.

[Breadcrumb](#) Trail will display all locations, or breadcrumbs, generated on the date you currently have displayed, with all locations connected by a line. Click on any individual breadcrumb location to see detailed information. The BrickHouse shield

icon represents the start and stop of a trip, green circles mean the device was moving with the arrow indicating direction, and red octagons indicate stops.

Click on the [Street View](#) button to open a Google Street View window from the most recent location of the device. This function will only work if Google Street View is available in that location.



The [Alerts](#) section lets you manage what kinds of alerts your device will create and how you will be notified.

Click the [Geofence](#) button to manage your geofences. The Geofence Alert

Configuration tab lets you choose when and where alerts will be sent. Select the device you would like to edit by checking the box next to it.

Highlight which days you would like to configure by clicking on each. You may choose to enter certain hours during which alerts will be active, or leave these fields blank to have them sent all the time.

To create a circular geofence around an area, click on Circle and then click on the spot on the map you want to create your geofence around. Hold down the left mouse button and drag the cursor until your geofence is the size you want, and release the mouse button.

Choose if duplicate alerts will or will not be created if the device stays inside or outside a geofence for a certain period of time using the slider bar.

Choose what icon will appear where a geofence alert was created using the Alert Image dropdown box.

Enter Email Address allows you to choose where alert notifications will be sent. Click on the + icon to add the phone numbers you want to be texted.

In the Create New Geofence tab you can create geofences around any area in different shapes. Navigate to the area on the map where you would like to create a geofence. Click on the Circle, Polygon, or Route button. It is suggested that all geofences be in at least a .2 mile radius, or at least 1 city block around an area to allow for GPS drift

To create a circular geofence around an area, click on Circle and then click

on the spot on the map that you want to create your geofence around. Hold down the left mouse button and drag the cursor until your geofence is the size you want, then release the mouse button.

The [Polygon](#) button allows you to create geofences in different shapes. Each point you click on will be a corner of your perimeter.

A [Route](#) geofence will be straight lines. You must choose how far a device will need to be away from the route before a report is generated.

Once you have created a geofence, assign it a name in the Geofence field and hit Save. You may also choose to enter a short description for your geofence.

The [Assign Geofence](#) tab allows you to activate and deactivate geofences. Select a device from the dropdown menu to see what geofences are currently active. Click on an Assigned Geofence to view and edit its configuration. Click the Remove link to deactivate a geofence. Hit Save once you have finished making changes.

Click on the check box for any Available geofence to edit its configuration and press the Save button to implement it

The [View Geofence](#) tab allows you to view your geofences.

Click the [Speed](#) button on the dashboard to set up speed alerts. Simply select your device and enter a speed which, when exceeded, will generate an alert. Choose the days and times you would like the alert to be active, if you would like duplicate alerts to be ignored, and enter the email address where you wish to receive your notifications. If you would prefer to receive alert notifications via text message, click on the + button and enter your phone information. Hit Save once you have finished configuring your alerts.

NOTE: The Livewire 4 does not take advantage of the BrickHouse Tracking platform's Panic alert function. Also, due to this device being a hardwired tracker, it does not indicate a battery level. This option will only work for battery-operated GPS trackers.

You can run 4 different types of reports, listed below. To run a report, click on one of the buttons, choose the device you would like to run a report on from the dropdown box, choose the dates you would like to run your report from in the upper right corner, and press the magnifying glass search icon. You can export any generated reports to Microsoft Excel by clicking on the export button in the upper right corner of the window.

Start/Stop Report									
1 minute motion 12-28		Stop Time(min): 5		Start: 12/19/2018 End: 03/15/2019					
Trip Start	Trip End	Start Location	End Location	Speed (mi/h)	Trip Duration	Stop Time	Total Time	Distance (mi)	
12/28/2018 4:57:31 PM	12/28/2018 6:18:21 PM	State Hwy 495, Weehawken, NJ, US	US Hwy 9, West Freehold, NJ, US	64	00:01:20	00:00:00	00:01:20	44.10	
12/28/2018 6:26:21 PM	12/28/2018 6:39:27 PM	3360 US Hwy 9, FREEHOLD, NJ, 07728, US	81 Casantree Ct. HOWELL, NJ, 07731, US	43	00:00:13	00:15:45	00:15:58	2.59	
			Totals	64	00:01:33	00:15:53	00:17:27	46.69	

Start/Stop reports will list trips between stopping points, with starting and ending locations, as well as speed information, trip duration, stop time, and the distance traveled.

Alerts Report			
Testing car 1		Start: 06/27/2018 End: 03/15/2019	
Date	Unit	Alert	Location
07/23/2018 4:19:46 PM	Testing car 1	Excessive Speed: 70 mph	Atlantic City Expy, Atlantic City, NJ, US
07/23/2018 4:20:46 PM	Testing car 1	Excessive Speed: 71 mph	8 Atlantic City Expy, ATLANTIC CITY, NJ, 08401, US
07/23/2018 4:21:46 PM	Testing car 1	Excessive Speed: 67 mph	Atlantic City Expy, Pleasantville, NJ, US
07/23/2018 4:23:46 PM	Testing car 1	Excessive Speed: 72 mph	Atlantic City Expy, Pleasantville, NJ, US
07/23/2018 4:24:46 PM	Testing car 1	Excessive Speed: 69 mph	Atlantic City Expy, Egg Harbor, NJ, US
07/23/2018 4:25:46 PM	Testing car 1	Excessive Speed: 56 mph	Garden State Pkwy, Egg Harbor, NJ, US
07/23/2018 4:26:46 PM	Testing car 1	Excessive Speed: 78 mph	Garden State Pkwy, Egg Harbor, NJ, US
07/23/2018 4:27:46 PM	Testing car 1	Excessive Speed: 72 mph	14 Garden State Pkwy, ADSECON, NJ, 08201, US
07/23/2018 4:28:46 PM	Testing car 1	Excessive Speed: 74 mph	Garden State Pkwy, Galloway, NJ, US
07/23/2018 4:29:46 PM	Testing car 1	Excessive Speed: 77 mph	Garden State Pkwy, Galloway, NJ, US
07/23/2018 4:30:46 PM	Testing car 1	Excessive Speed: 77 mph	Garden State Pkwy, Galloway, NJ, US
07/23/2018 4:31:46 PM	Testing car 1	Excessive Speed: 79 mph	Garden State Pkwy, Galloway, NJ, US
07/23/2018 4:32:46 PM	Testing car 1	Excessive Speed: 79 mph	Garden State Pkwy, Port Republic, NJ, US
07/23/2018 4:33:46 PM	Testing car 1	Excessive Speed: 75 mph	Garden State Pkwy, Port Republic, NJ, US
07/23/2018 4:34:46 PM	Testing car 1	Excessive Speed: 76 mph	Garden State Pkwy, Port Republic, NJ, US
07/23/2018 4:35:46 PM	Testing car 1	Excessive Speed: 78 mph	Garden State Pkwy, Bass River, NJ, US
07/23/2018 4:36:46 PM	Testing car 1	Excessive Speed: 76 mph	Garden State Pkwy, Bass River, NJ, US

The [Alert History](#) button will show you all alerts generated during the specified time and where they occurred.

Full History						
402DA - Test			Date: 05/24/2016	End: 05/24/2016		
Date	Status	Location	Speed (mph)	Battery		Distance (mi)
05/24/2016 12:21:03 AM	Stop	257 East Harrison Street, Mooresville, Indiana, 46158, United States	0	0.00	●	0.00
05/24/2016 12:51:44 AM	Stop	257 East Harrison Street, Mooresville, Indiana, 46158, United States	0	0.00	●	0.00
05/24/2016 1:22:46 AM	Stop	257 East Harrison Street, Mooresville, Indiana, 46158, United States	0	0.00	●	0.00
05/24/2016 1:53:11 AM	Stop	257 East Harrison Street, Mooresville, Indiana, 46158, United States	0	0.00	●	0.00
05/24/2016 2:23:51 AM	Stop	257 East Harrison Street, Mooresville, Indiana, 46158, United States	0	0.00	●	0.00
05/24/2016 2:54:36 AM	Stop	257 East Harrison Street, Mooresville, Indiana, 46158, United States	0	0.00	●	0.00
05/24/2016 3:25:18 AM	Stop	257 East Harrison Street, Mooresville, Indiana, 46158, United States	0	0.00	●	0.00
05/24/2016 3:56:02 AM	Stop	257 East Harrison Street, Mooresville, Indiana, 46158, United States	0	0.00	●	0.00
05/24/2016 4:26:55 AM	Stop	257 East Harrison Street, Mooresville, Indiana, 46158, United States	0	0.00	●	0.00
05/24/2016 4:57:29 AM	Stop	257 East Harrison Street, Mooresville, Indiana, 46158, United States	0	0.00	●	0.00
05/24/2016 5:28:45 AM	Stop	257 East Harrison Street, Mooresville, Indiana, 46158, United States	0	0.00	●	0.00
05/24/2016 5:58:56 AM	Stop	257 East Harrison Street, Mooresville, Indiana, 46158, United States	0	0.00	●	0.00
05/24/2016 6:29:39 AM	Stop	257 East Harrison Street, Mooresville, Indiana, 46158, United States	0	0.00	●	0.00
05/24/2016 7:00:22 AM	Stop	257 East Harrison Street, Mooresville, Indiana, 46158, United States	0	0.00	●	0.00
05/24/2016 7:31:06 AM	Stop	257 East Harrison Street, Mooresville, Indiana, 46158, United States	0	0.00	●	0.00

The **Full History** button includes individual location information such as: location, time of transmission, battery life, speed, and distance from its previous location.

Frequent Visits Report	
Livewire4	Stop Time(min):
	Start: 03/01/2019 End: 03/15/2019
Location: 1 Pohatcong Dr, WASHINGTON, NJ, 07882, US	
Number of Stops: 1	
Duration: 00:01:14:12	
Date: 03/05/2019 8:34:54 PM	Duration: 00:01:14:12
Location: 103 W 39th St, NEW YORK, NY, 10018, US	
Number of Stops: 1	
Duration: 00:00:39:52	
Date: 03/12/2019 9:48:23 AM	Duration: 00:00:39:52
Location: 187 Azalea Rd, WILKES BARRE, PA, 18702, US	
Number of Stops: 1	
Duration: 01:15:49:55	
Date: 03/01/2019 11:24:38 PM	Duration: 01:15:49:55
Location: 199 Magnolia Ave, JERSEY CITY, NJ, 07306, US	
Number of Stops: 1	
Duration: 00:05:41:40	
Date: 03/01/2019 3:32:47 PM	Duration: 00:05:41:40
Location: 2604 John F Kennedy Blvd, JERSEY CITY, NJ, 07306, US	
Number of Stops: 1	
Duration: 03:14:13:33	
Date: 03/05/2019 11:18:56 PM	Duration: 03:14:13:33
Location: 32 Kellogg St, JERSEY CITY, NJ, 07305, US	
Number of Stops: 1	
Duration: 00:01:09:19	

The [Frequent Visits](#) button will create a list of addresses that the device has reported from and show how many times the device reported from that spot.

Changing Your Password

To change your password, click on the account name, which should appear in the upper right corner of the browser window. Once complete, just click on Quick View to return to your tracking page.

Support

To access FAQs, as well as other support materials for your device visit

help.brickhousesecurity.com

Live support is available:

M - F: 9am- 8pm EST

Sat - Sun: 9am- 6pm EST

Phone: 1-800-654-7966. or Email: support@brickhousesecurity.com

