

You Need Your Own Base Station: Reliability, Repeatability, Speed, Accuracy, Versatility and now Cost-Effective!

The Javad Revolution changes the 'Base Station Equation.' Ground-breaking low prices coupled with the Highest Performance GNSS and long-range UHF modems makes owning and deploying base stations part of your GNSS equation. The distance from your rover to the base is the solution 'baseline' and **short 'real' baselines** are always best. Networks attempt to **mathematically build 'virtually short' baselines**, but a virtual baseline can never match the real thing.



More reliable: your own base always works, regardless of cellular network coverage, outages and GNSS network issues. Every job and every location—your base will provide coverage.

Better Repeatability: short 'real' baselines are less susceptible to orbit and atmospheric induced errors, less susceptible to interference and more reliable than 'virtual' short baselines computed from long-distance observations. GNSS solutions computed from short 'real' baselines are far less likely to be 'Bad Fixes!' The benefits of short baselines are most evident in elevation repeatability.

Faster Robust Fixes: short 'real' baselines fix faster and have substantially fewer 'Bad Fixes' than long baselines, if ever.

Better Accuracy: you cannot have good accuracy without great repeatability. Common errors (such as orbit and atmospheric) cancel more in shorter baselines, yielding better accuracy.

More Versatile: your own base works on every project. It works outside the GNSS network coverage area, it works outside the cellular coverage area and it has the potential to work in deep canyons where there will never be cell coverage.

Less Expensive: 'The Javad Revolution' brings the cost of owning your own base down to \$4,500. Depending on the cost of a RTN network subscription, cellular network access fees, and jobs lost due to poor coverage you can quickly pay for your own base.

JAVAD GNSS Webinar

March 20, 2014, 10:00 am PST

State-of-the Art in High Precision GNSS Technology • New Products • US sales and Customer Support • TRIUMPH-LS and TRIUMPH-2 • Two Weeks PLS free trial

Mark your calendar, for more news see www.javad.com



You need a complete solution so you can be in complete control!

Of course TRIUMPH-LS can work with RTN Networks too

You need Javad.

You don't need inflated prices. You don't need a middle-man.

How about \$13,130

for a complete easy-to-use, highest performance, Base/Rover Pair, controller and FieldCAD software?

Yes, that is JAVAD value!



JAVAD TRIUMPH-2 Scalable GPS

Static → GLONASS → RTK Base → RTK Rover

The revolution in size, function and GPS scalability!
 The **TRIUMPH-2** brings rugged, scalable, affordable, best-in-class GNSS performance to every application at a breakthrough price!

<p>Purchase an L1/L2 Dual Frequency Static receiver today. Perfect for OPUS, OPUS-RS, OPUS-Projects, AUSPOS, CSRS-PPP, GAPS and all post-processed applications.</p>	<p>\$1,990</p> 
<p>Activate GLONASS</p>	<p>\$500</p> <p>GLONASS G1+G2</p>
<p>Activate RTK Base</p>	<p>\$500</p> 
<p>Add a 4Watt UHF Radio to your RTK Base (See other modem options on page 8)</p>	<p>\$1,500</p> 
<p>Add a second TRIUMPH-2 with RTK Rover Activated</p>	<p>\$3,490</p> 
<p>Add a Victor LS data collector with UHF and FieldCAD software</p>	<p>\$2,500</p> 
<p>Complete Base/Rover Pair with UHF Radio, Data Collector and field software. Add your own pole and tripod and you are ready to survey!</p> <p>Base/Rover Pair Total \$10,480</p>	



Currently these offers are only available for direct sales in the USA.
 We are committed to expanding support to our international dealers in the very near future.

The JAVAD 2014 Revolution

GPS + GLONASS + Galileo + BeiDou Compass + QZSS
Every Navigation System, Every Satellite, Every Signal

The Highest GNSS Channel Count: **864**
Multiple Channels for each Satellite Signal
Over **100** Channels to Monitor Interference
6 Parallel RTK Ambiguity Fix Engines

The Highest Receiver Sensitivity Tempered with
The Best In-Band and Out-of-Band Interference Rejection
and The Best Multipath Mitigation

The Most Accurate Active Pole Tilt and Rotation Compensation

All Combine for the Best Performance and Accuracy,
Both in Open Sky and Under Canopy

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**Javad has the Best GNSS
Technology in the World
Period.**



JAVAD Receiver Construction

The Best Internal GNSS Antenna

Rugged Magnesium Unibody Construction

UHF Radio Tx/Rx + Dual GSM or CDMA + Wi-Fi + Ethernet + Bluetooth

The Highest Quality Connectors and Accessories

Few Hours of Charge = 2 Days of Surveying
Plus User Replaceable Batteries

Antenna + Data Collector + Pole = 5.5 lbs

JAVAD is Based in the USA
JAVAD Receivers are Built in San Jose California

**JAVAD Builds the Most Reliable
GNSS Receivers in the World
And JAVAD does it in the USA**

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JAVAD Supports JAVAD Technology

Same-Day Shipping on Most Orders - Direct from the Factory
2nd Day Delivery Included with Receiver Purchase in the USA

Unlimited Software and Firmware Updates
Applied via Wi-Fi with a Single Button Click
Software Enhancements Quickly Driven by Your
Suggestions

Real-Time Phone Based Customer Support from
Dedicated Real-World American Licensed Surveyors
Who Leverage Remote Support via Internet Connection

A Full Day's Factory Training at our San Jose Office,
Before or After your Purchase

3-Year Factory Warranty
2-day Repair Turns at the Factory Service Center in San Jose California
Next Day Advance Replacement for Mission Critical Applications

**JAVAD Factory Support Gets you Going
and Keeps You Running.**

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JAVAD's Contract with America

Times have changed. **You** know what you need.
You need the best GNSS Technology
that always gets the correct answer.

You need the highest quality, best built equipment
that won't nickel and dime you.

You need immediate, knowledgeable
factory support to answer your questions.

JAVAD promises all of this.

You need JAVAD.

You don't need inflated prices.
You don't need a middle-man.

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How about \$8,640 complete?
Yes, that is JAVAD value!

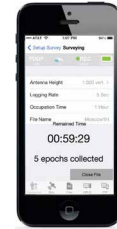


JAVAD TRIUMPH-2 Scalable GPS

Static → GLONASS → RTK Base → RTK Rover

The **TRIUMPH-2** brings affordable, best-in-class Static and RTK GPS performance at a groundbreaking price.

Purchase a static only L1/L2 receiver today:



Complete receiver setup and OPUS submission with our iPhone App!

then upgrade it at any time to include GLONASS G1+G2, add RTK Base functionality and a reasonably priced modem, finally add a RTK Rover and a Victor LS controller to build a complete RTK Base / Rover Pair for under \$ 10,500.

That is JAVAD Value!

Based on the JAVAD 216-channel GNSS Engine used in the TRIUMPH-1, the TRIUMPH-2 is small and lightweight with 25-hour battery life. Field and battle tested technology in survey and space applications. The TRIUMPH-2 includes JAVAD's patented Lift-and-Tilt activation and full pole tilt compensation!

JAVAD has the best GNSS Technology in the World! Period.

The TRIUMPH-2 is built, assembled and supported in San Jose, California, USA! TRIUMPH-2 receivers include a 3-year factory warranty plus lifetime firmware and software updates.

JAVAD Factory Support Gets You Going and Keeps you Running!

Complete Base/Rover Pair with UHF Radio, Data Collector and field software. Add your own pole and tripod and you are ready to survey!

Base/Rover Pair Total \$13,130



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Radio Modems

Experience the advantage of JAVAD radios
Bluetooth and USB in all radios

HPT435BT/HPT135BT/HPT225BT



35 W UHF/VHF Transceiver

HPT404BT/HPT104BT/HPT204BT



4 W UHF/VHF Transceiver

HPT401BT/HPT101BT/HPT201BT



1 W UHF/VHF with internal battery

L-Band/Beacon



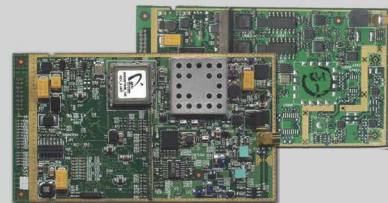
Receivers for multiple applications

ISM Radio



CEPT 868-870 MHz, FHSS 902-928 MHz

OEM Solutions



902-928, 360-470, 225-255, 138-174 MHz

JLink 3G



Web-interface Wi-Fi, Ethernet, 3.5 G,
UHF/VHF/FH915

JLink 3G BAT



Web-interface Wi-Fi, Ethernet, 3.5 G,
UHF/VHF/FH915, internal battery