FARMTECH

FarmTech Solutions, Inc. · Choteau, Montana · USA

RTK Precision User Guide

RTK corrections for your receivers, from FarmIQ™

Version	v1.0
Revised	2026-11-22
Applies to	The RTK Precision tile on FarmIQ™ (farmiq.us), and any GPS receiver with NTRIP input

RTK Precision

What this system does

RTK Precision gives your GPS receivers centimetre-level RTK corrections over the internet. You sign up in FarmIQ™, and FarmIQ shows you the settings to type into each receiver: a server, a port, a username, a password and a mountpoint. Together these are one **connection**.

One connection works on one receiver at a time. Get one for each tractor or machine that runs RTK at the same time.

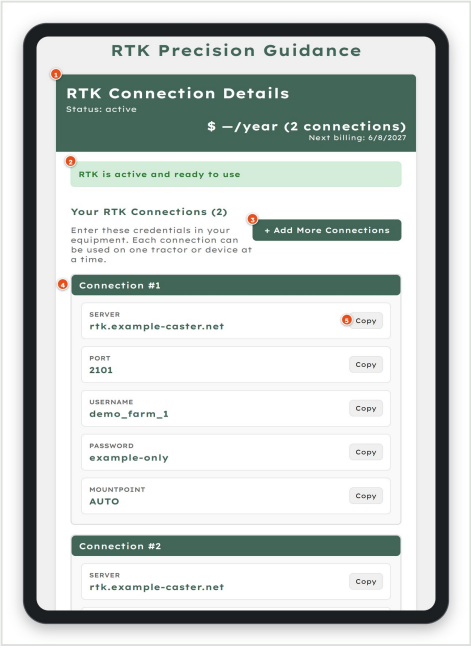
Your receiver needs NTRIP input and an internet connection, for example a cellular modem, FarmLink or a phone hotspot.

For logging in to FarmIQ, see the **Getting Started with FarmIQ** guide.

The screen at a glance

Your connections

On the FarmIQ dashboard, tap the **RTK Precision** tile. Once you have RTK, it opens your connection details. Prices are left out of the pictures in this guide; the page shows the current ones.



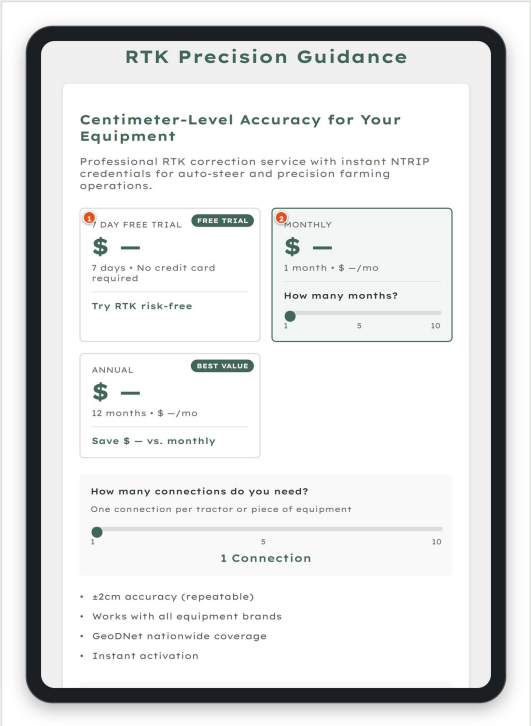
Your RTK connections, numbered.

#	Button or area	What it does
1	RTK Connection Details	Your status, your plan and the Next billing date.

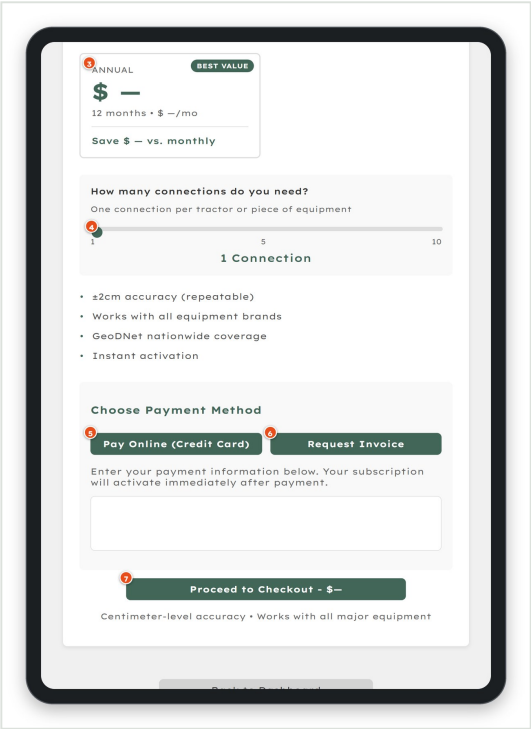
#	Button or area	What it does
2	Status	RTK is active and ready to use, or Free Trial Active with the days left.
3	+ Add More Connections	Buy more connections.
4	Connection #1	One card for each connection, with its Server, Port, Username, Password and Mountpoint.
5	Copy	Copy that one setting, ready to paste. It says Copied!.

Signing up

Until you have RTK, the same tile shows the plans.



Signing up for RTK, top of the page, numbered.



Signing up for RTK, further down, numbered.

#	Button or area	What it does
1	7 Day Free Trial	Try RTK for 7 days on one connection, with no card. Shows only if your account has never had a trial.
2	Monthly	Pay by the month. Choose how many months with How many months? (1 to 10).
3	Annual	Pay for a year.
4	How many connections do you need?	1 to 10 connections: one for each receiver running at the same time.
5	Pay Online (Credit Card)	Pay now by card. RTK starts as soon as the payment goes through.
6	Request Invoice	RTK starts now and we send you an invoice.
7	Proceed to Checkout	Shows the total. Says Start Free Trial when the trial is picked.

Quick reference

To do this	Do this
Try RTK free	7 Day Free Trial, Start Free Trial, Start Trial
Buy RTK	Pick Monthly or Annual, the number of connections and how to pay, then Proceed to Checkout
See your settings	The RTK Precision tile
Copy a setting	Copy beside it

To do this	Do this
Set up a receiver	Type the five settings into the receiver's NTRIP settings (see Setting up a receiver)
Add receivers	+ Add More Connections

Getting RTK

The free trial

1. Tap **7 Day Free Trial**.
2. Tap **Start Free Trial**.
3. FarmIQ asks **Start your 7-day free trial with 1 connection? No credit card required.** Tap **Start Trial**.

FarmIQ shows **RTK activated! Your credentials are shown below.** and emails you the settings. The trial is one connection for 7 days, once per account.

To keep RTK after the trial, contact us.

Buying RTK

1. Tap **Monthly** and set **How many months?**, or tap **Annual**.
2. Set **How many connections do you need?**
3. Choose **Pay Online (Credit Card)** and enter your card, or choose **Request Invoice**.
4. Tap **Proceed to Checkout**.
5. Check the summary and tap **Pay Now** (card) or **Activate** (invoice).

Your connections appear on the page right away, and FarmIQ emails you the settings. FarmIQ emails you again about a week before a paid plan ends.

Adding connections

1. Tap **+ Add More Connections**.
2. Set **How many additional connections?**
3. Check **Total Cost** and the plan it is based on.
4. Choose card or invoice and tap **Add Connections**.

FarmIQ shows how many connections were added, and the new cards appear.

Setting up a receiver

Use one connection's settings for each receiver.

1. On the receiver or its display, open the RTK or NTRIP correction settings.
2. Enter **Server**, **Port**, **Username** and **Password** exactly as FarmIQ shows them. Use **Copy** if you are setting up from a phone or computer.

3. Set the mountpoint to **AUTO**, or to the mountpoint shown.
4. Save and connect.

The receiver should reach RTK fix within a few minutes of getting a signal.

Keep the settings like a password: give them only to the people running your equipment. Each connection works on one receiver at a time, so give each receiver its own.

Troubleshooting

What you see	What to do
The receiver won't connect	Check it has internet. Check each setting against FarmIQ, letter for letter; use Copy to avoid typing errors.
Connected, but no RTK fix	Make sure the mountpoint is AUTO and the receiver is set to send its position to the correction server (often a setting called GGA). Give it a few minutes in the open.
Two receivers on one connection	A connection works on one receiver at a time. Give each its own, or add a connection.
No 7 Day Free Trial card	Your account has already had a trial.
Credit Card (Unavailable)	Card payment isn't working right now. Choose Request Invoice.
Payment Error or Payment failed. Please try again.	Check the card details and try again, or choose Request Invoice.
Failed to activate RTK: followed by a reason	Read the reason. If it doesn't tell you what to change, contact support.
Failed to load subscription data	Reload the page. If it keeps happening, contact support.
The trial has ended	Contact us to keep RTK going.
You want to stop RTK or change your plan	Contact support.

Support

- **In FarmIQ**: tap **Feedback** at the top of any page and tell us what happened.
- **Phone or text**: (406) 271-6400
- **Email**: support@farmtech.us

The current version of this guide is at farmtech.us/support.