

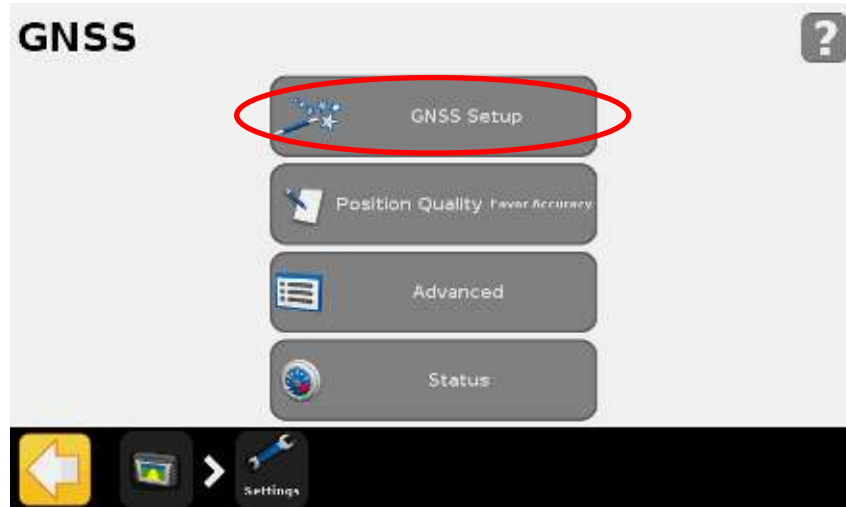


xFill – VRS RTK (Modem)

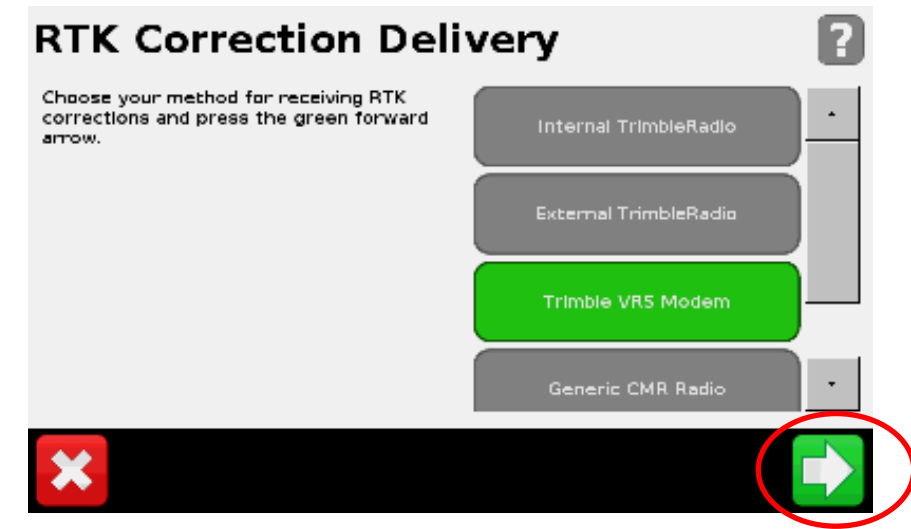
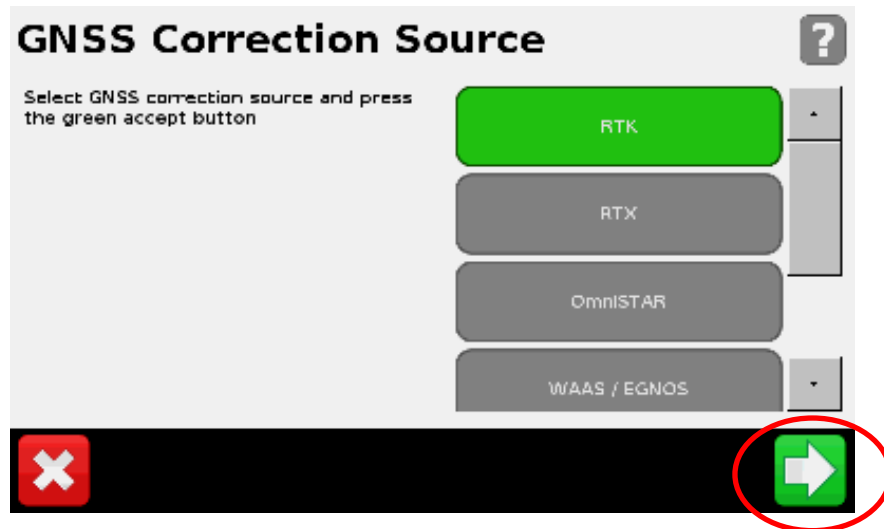
Setup for Trimble CFX-750/ CNHi FM-750 Displays

Setting up the correction signal

Setup xFill – VRS Modem

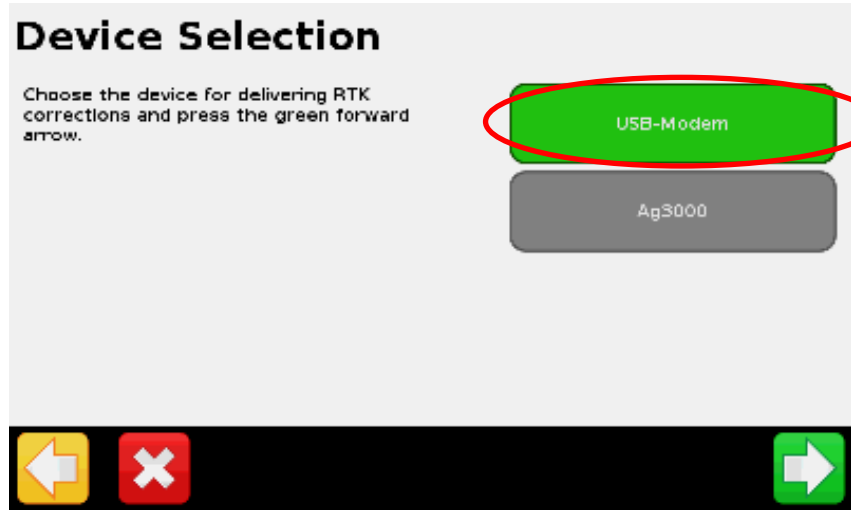


- Go to Settings -> GNSS -> GNSS Setup
- RTK Selected -> **Next**
- Trimble VRS Modem Selected -> **Next**

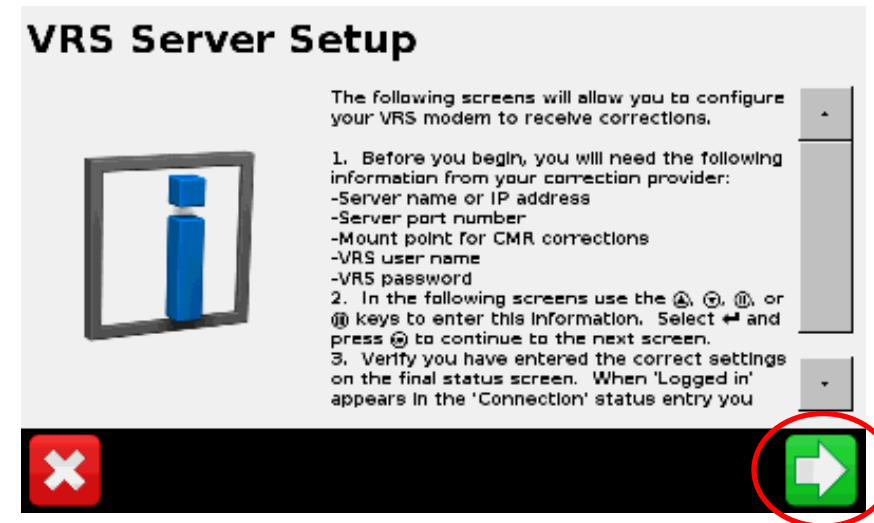


Setting up the correction signal

Setup xFill – VRS Modem



- USB Modem Selected -> **Next**
- Safety Warning -> **Next**
- VRS Server Setup -> **Next**



Setting up the correction signal

Setup xFill – VRS Modem

Server Address

www.vrsnow.co.nz

q w e r t y u i o p
a s d f g h j k l
ABC z x c v b n m
123 [] ←

✖ ➡

- Server Address -> **Next**
- Port Number -> **Next**
- Mount Point -> **Next**

Note – These settings **DO NOT** need modifying

Port Number

2101

7 8 9 Max: 65535
4 5 6 Min: 0
1 2 3
0 [] C

⬅ ✖ ➡

Mount Point

VB-CMRX

q w e r t y u i o p
a s d f g h j k l
ABC z x c v b n m
123 [] ←

⬅ ✖ ➡

Setting up the correction signal

Setup xFill – VRS Modem

VRS User Name

ABCD

q w e r t y u i o p
a s d f g h j k l
ABC z x c v b n m
123 [] ←

⬅ ⛔ ➡

VRS Password

q w e r t y u i o p
a s d f g h j k l
ABC z x c v b n m
123 [] ←

⬅ ⛔ ➡

- VRS Username -> **Next**
- VRS Password -> **Next**
- VRS Status -> **Check mark**

Note – These settings **DO NOT** need modifying

VRS Status ?

Connection	VRS - Authenticating
Server Address	www.vrsnow.co.nz
Port Number	2101
Mount Point	VB-CMRX
VRS User Name	ABCD
VRS Password	****
Device Name	SIERRA_WIRELESS
Serial Number	NOT AVAILABLE
Firmware Version	1.1.121

⬅ ⛔ ➡ ✓

Setting up the correction signal

Setup xFill – VRS Modem




Position Quality ?

Favoring Accuracy provides the highest level of accuracy

Favor Accuracy

Balanced Quality

Favor Availability

- Position Quality -> **Next**
- Use xFill (Yes/No) – **Yes** -> **Next**
- Frequency -> **Next**




* xFill Recommended when a surveyed base station/network are used

Use XFill

Select whether or not to use XFill

Yes


No


  




XFill Lband Settings

Edit settings by pressing each one individually.

Press the green accept button to continue.

 Frequency 1545.2 / 25 MHz

 Baud Rate 1200bps

Setting up the correction signal


Setup xFill – VRS Modem

Frequency

1545.2725 MHz

Max: 1559.0000 MHz
Min: 1525.0000 MHz

7 8 9
4 5 6
1 2 3
0 . C




 

XFill Lband Settings

Edit settings by pressing each one individually.
Press the green accept button to continue.

Frequency 1545.2725 MHz

Baud Rate 1200bps

- New Zealand Settings
- Enter the new frequency **1545.2725** MHz
- Then Select Baud Rate button
- Choose **1200bps** for NZ -> **Next**



Baud Rate

1200 bits/second baud rate

600bps

1200bps

2400bps

Setting up the correction signal

Setup xFill – VRS Modem

RTK Base Datum

Select the datum that was used when RTK base was surveyed and press the green accept button.

WG584/ITRF2008

NAD83

ETRS89

GDA94

← × ✓

RTK Base Station Datum setting

- If xFill is in use, this should already be set - press the check mark

* RTK Base Datum – WGS84/ITRF2008 is used