

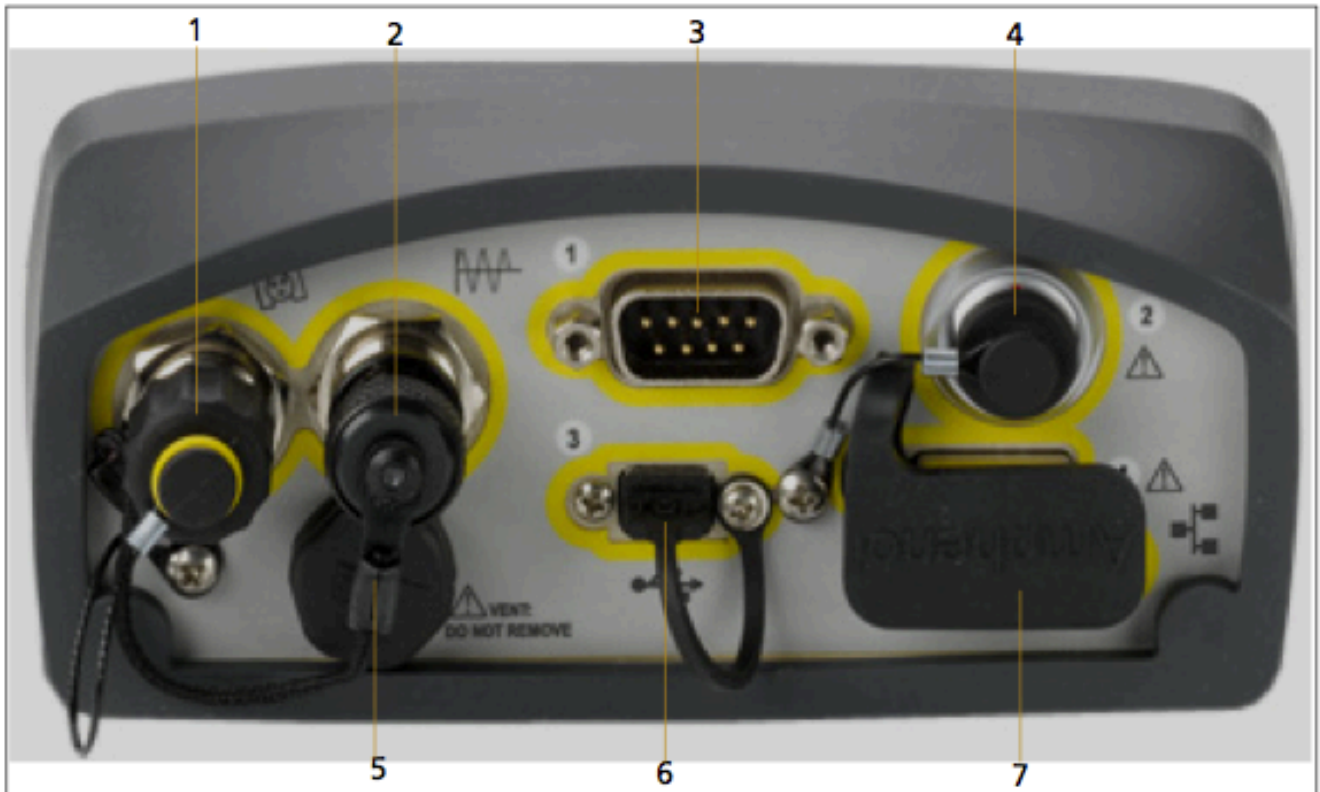
Trimble NetR9 - How to enable an external frequency source

779 Henry Berglund February 27, 2014 [Trimble NetR9](#) 1708

To fully enable an external frequency source:

- 1) Attach a 10MHz external frequency source to the BNC port (2) on the rear of the receiver.

Rear connectors



- 2) Disable clock steering (Receiver Configuration -> Tracking -> Clock Steering)

Receiver Status

Satellites

Web Services

Data Logging

Receiver Configuration

- Summary
- Antenna
- Reference Station
- Tracking**
- Correction Controls
- Position
- Position Monitoring
- General
- Application Files
- Reset
- Default Language

I/O Configuration

Bluetooth

OmniSTAR

Network Configuration

Security

Firmware

Programmatic Interface

Help

Tracking

Elevation Mask °

Everest™

Clock Steering

Type	Signal	Enable	Options
GPS	L1 - CA	<input checked="" type="checkbox"/>	
GPS	L2 - Legacy	<input checked="" type="checkbox"/>	<input type="button" value="L2 - CS and Legacy"/>
GPS	L2 - CS	<input checked="" type="checkbox"/>	<input type="button" value="CM + CL"/>
GPS	L5	<input checked="" type="checkbox"/>	<input type="button" value="I + Q"/>
SBAS	L1 - C/A	<input checked="" type="checkbox"/>	
SBAS	L5	<input checked="" type="checkbox"/>	
GLONASS	L1 - C/A	<input checked="" type="checkbox"/>	
GLONASS	L1 - P	<input checked="" type="checkbox"/>	
GLONASS	L2 - C/A(M)	<input checked="" type="checkbox"/>	
GLONASS	L2 - P	<input checked="" type="checkbox"/>	<input type="button" value="L2 - C/A(M) and P"/>
GLONASS	L3	<input checked="" type="checkbox"/>	<input type="button" value="Data + Pilot"/>
Galileo	E1	<input checked="" type="checkbox"/>	
Galileo	E5 - A	<input checked="" type="checkbox"/>	
Galileo	E5 - B	<input checked="" type="checkbox"/>	
Galileo	E5 - AltBOC	<input checked="" type="checkbox"/>	

3) Enable External Frequency (Receiver Configuration -> General -> External Frequency)

General

Event 1 On/Off Event 1 Slope

External Frequency [Source Detected]

1PPS On/Off

Internal Battery UPS

Battery Charging Mode

Battery Charging Voltage

Battery Charging Minimum Volts. Range: 10.8V-15.0V. Default:12.0V

Power Over Ethernet Ethernet Battery Charging

Power On Voltage Volts. Range: 10.8V-15.0V. Default:11.8V

Shutdown Voltage

Volts. Range: 9.5V-15.0V. Default:10.5V

Shutdown Override

VFD Configuration

VFD Power Saver

VFD Suppress Warning Msg

VFD Brightness

VFD Rotation

- Receiver Status
- Satellites
- Web Services
- Data Logging
- Receiver Configuration
 - Summary
 - Antenna
 - Reference Station
 - Tracking
 - Correction Controls
 - Position
 - Position Monitoring
 - General**
 - Application Files
 - Reset
 - Default Language
- I/O Configuration
- Bluetooth
- OmniSTAR
- Network Configuration
- Security
- Firmware
- Programmatic Interface
- Help

Online URL:
<https://kb.unavco.org/article/trimble-netr9-how-to-enable-an-external-frequency-source-779.html>