

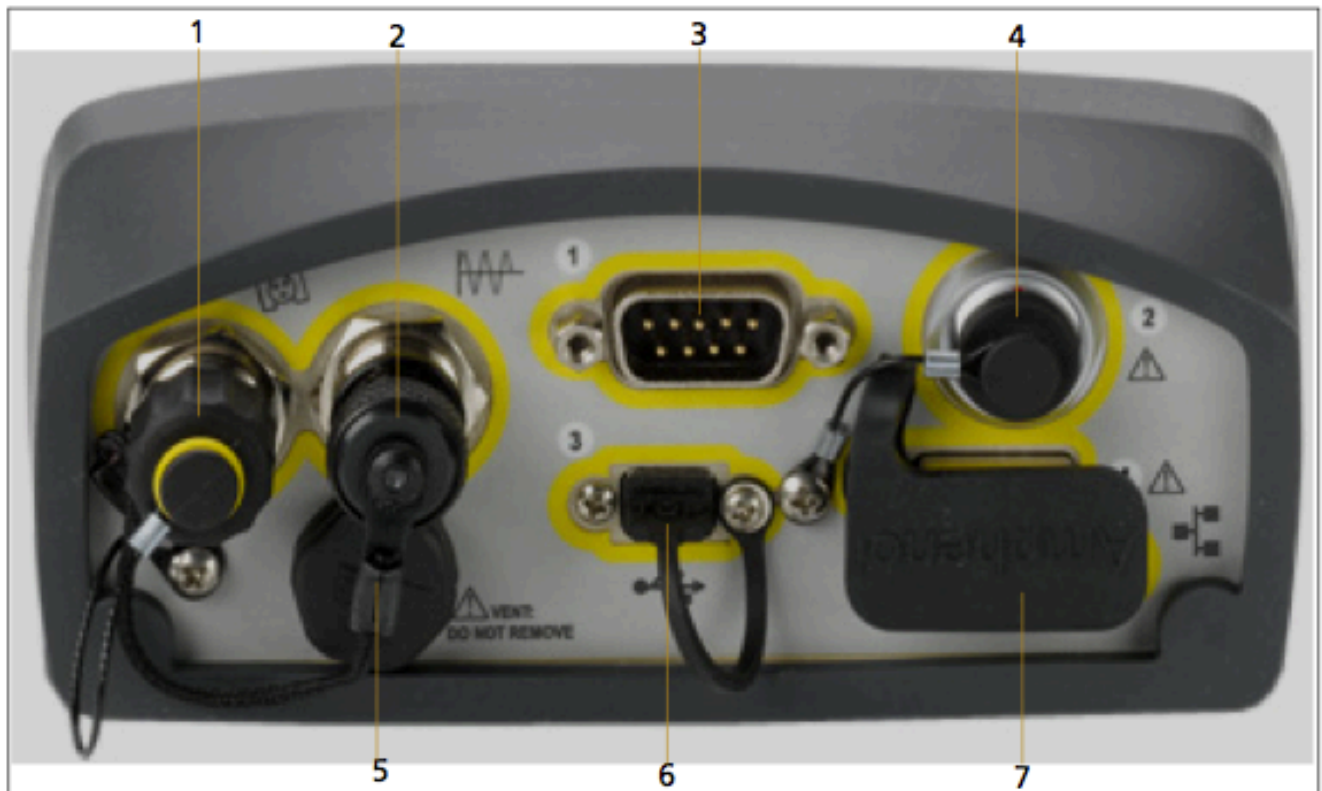
# Trimble NetR9 - How to enable an external frequency source

779 Henry Berglund February 27, 2014 [Trimble NetR9](#) 1497

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**

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Event 1 On/Off

Event 1 Slope

External Frequency    [Source Detected]

1PPS On/Off

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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

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VFD Configuration

VFD Power Saver

VFD Suppress Warning Msg

VFD Brightness

VFD Rotation

Online URL:

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