

JPS4RIN v0.0.18a

User Guide

August 31, 2026

To convert a jps file to RINEX format, run the application via a console in the directory where it is saved. For the converter to work correctly, enter the file name for conversion with the "-f" or "--filename" key.

The file name can be with or without quotes (see examples).

By default, the RINEX format version is 3.05. Change the version using the "-rv" or "--rinexver" key. Supported formats are: 3.05, 4.00 and 4.01.

To call the print with all keys and functions use the key "-h" or "--help".

Examples:

`.\JPS4RIN.exe -f File_for_Rinex.jps -rv 4.01`

`.\JPS4RIN.exe -f "File_for_Rinex.jps" -rv 4.01`

`.\JPS4RIN.exe --filename File_for_Rinex.jps -rv 4.01`

`.\JPS4RIN.exe --filename File_for_Rinex.jps --rinexver 4.01`

```
PS C:\Users\      \Desktop> .\JPS4RIN.exe -f "File_for_Rinex.jps" -rv 4.01|
```

To disable satellite system output, use the following keys:

Key	Description
-G	Exclude all GPS SVs
-R	Exclude all GLONASS SVs
-W	Exclude all SBAS SVs
-E	Exclude all Galileo SVs
-C	Exclude all BeiDou SVs
-J	Exclude all QZSS SVs
-I	Exclude all NavIC SVs
-GC	Exclude all GLONASS CDMA SVs
-S	Exclude all SBAS SVs

To set the requested period to a value greater than the original log file period, use the following key:

-p, --period	- Requested observation output interval in seconds, for e.g. 30
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To enable long file names and specify the, use the following keys:

-ln, --longname	- RINEX Long Filenames
-sc, --sitecode	- 4-char station name for long RINEX file name, for e.g. ALGO
-mn, --monument	- Monument number for long RINEX file name, 0-9
-rc, --receiver	- Receiver number for long RINEX file name, 0-9
-cc, --country	- ISO 3166-1 alpha-3 country code for long RINEX file name, for example CAN

To set antenna deltas and number, use the following key:

-DH	- Antenna DeltaH
-DE	- Antenna DeltaE
-DN	- Antenna DeltaN
-AN	- Antenna Number

To output separate navigation files for RINEX version 4.00 or later, use the following option:

-SN	- Separate Navigation Files
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For additional assistance, please contact support@javad.com.