


 [rdelien / fsxx\\_keygen](#) Public



Option key generator for the vintage Rhode & Schwarz FSxx Spectrum Analyzer series

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# Description

Vintage series Rhode & Schwarz spectrum analyzers feature a number of code-activated options.

- FSP
- FSEA20
- FSEA30
- FSEB20
- FSEB30
- FSEM20
- FSEM21
- FSEM30
- FSEM31
- FSIQ3
- FSIQ7
- FSIQ26
- FSIQ40

- Others?

This project contains the source code to generate the keys required to activate these options.

## Building

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Build the project with:

```
$ make
```

## Usage

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```
keygen -s serialNr [-t type]
```

## Example

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```
$ ./x86_64-linux-gnu/keygen -s 123456/123 -t fsiq3
Option keys for FSIQ3 with serial number 123456/123 are:
2999404191 - K10 - GSM MS Analyzer
0015198213 - K11 - GSM BTS Analyzer
3032448905 - B5 - FFT
2158664308 - ESI (Does not show on FSIQ3)
1626762585 - Kxx - Receiver Mode
2119393690 - FSIQ
1143185227 - K71 - CDMA ONE BTS Analyzer
3964804064 - K72 - W-CDMA BTS Analyzer
3956932042 - K12 - Digital Standard ICO
3391675518 - K20 - EDGE MS Analyzer Extension
4223392397 - K21 - EDGE BTS Analyzer Extension
2594997132 - K73 - W-CDMA MS Analyzer
3882610711 - K30 - 850 MHz Extension for K10/K20
1893721019 - K31 - 850 MHz Extension for K11/K21
1351204819 - AFB (Does not show on FSIQ3)
0167478992 - Freq limit 41GHz (Does not show on FSIQ3)
```

## Important note

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This project needs your help. If your instrument type is reported not to be supported, omit the type from the command line options to obtain a list of keys:

```
$ ./x86_64-linux-gnu/keygen -s 123456/123
Raw keys for instrument with serial number 123456/123 are:
000: 2999404191
001: 0015198213
002: 3032448905
...
197: 4148504597
198: 1532745977
199: 0342575056
```

These keys should be accepted by your instrument. If not, this tool is not capable of supporting your instrument.

Even if accepted, not every key activates an option, and this is where your help is needed. If you have found a key to activate an option on your instrument, please report the instrument typ, the option and description and the key number (0...199) so it can be added.

Also note: Even if your instrument type is supported, the option list may still be incomplete and additional raw keys may (or may not) activate new options.

Naturally, you are using this tool at your own risk.

## Releases

No releases published

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## Packages

No packages published

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## Languages

● C 93.0% ● Makefile 7.0%