

Test and Measurement Division

#### **Release Notes**

## **International Keyboards**

for R&S Spectrum Analyzer/ Signal Analyzer

$\triangleright$	R&S FSVA(Win7)	1321.3008.xx
$\triangleright$	R&S FSV(Win7)	1321.3008.xx
$\triangleright$	R&S FSV(XP)	1307.9002.xx
$\triangleright$	R&S FSL(XP)	1300.2502.xx
$\triangleright$	R&S FSP(XP)	1164.4391.xx
$\triangleright$	R&S FSU(XP)	1166.1660.xx
$\triangleright$	R&S FSQ(XP)	1155.5001.xx
$\triangleright$	R&S FSG(XP)	1309.0002.xx
$\triangleright$	R&S FMU(XP)	1303.3500.02

#### **New Features:**

• Installation of the German, Spanish, French, Italian and Portuguese keyboard support

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Release Note Revision:

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### History

Date	Rel Note Rev	Changes
02.05.2007	1	First revision
21.05.2008	2	Pictures and instrument R&S FSG added.
22.08.2011	3	Instrument R&S FSV added.
28.09.2016	4	Instrument R&S FSVA added.

### **General Topics**

This update will enhance the embedded XP operating system of the following keyboard layouts:

- > German Keyboards
- > Spanish Keyboards
- French Keyboards
- > Italian Keyboards
- > Portuguese Keyboards

# Installation of the international keyboard support for Windows XP

For the installation of the German keyboard support, proceed with the following steps:

- 1) Copy the file **FsxInternationalKeyboards.msi** onto USB stick for floppy disk.
- 2) Connect keyboard and mouse to the analyzer.
- 3) Switch the analyzer on and wait until the boot process is finished.
- 4) Terminate the analyzer firmware by pressing <ALT> <F4>.
- 5) Start Windows Explorer
- 6) Start the installation procedure with double click onto the file FsxInternationalKeyboards.msi.
- 7) Reboot the analyzer.
- 8) Now open the windows start menu by pressing the windows key or <CTRL> <ESC>.
- 9) Select Settings Control Panel Reginal and Language Options Languages.

Regional and Language Options
Regional Options Languages Advanced
Text services and input languages To view or change the languages and methods you can use to enter text, click Details.
Details
Supplemental language support
Most languages are installed by default. To install additional languages, select the appropriate check box below.
Install files for complex script and right-to-left languages (including Thai)
Install files for East Asian languages
OK Cancel Apply
OK Cancel Apply

10) Select Details.

Text Services and Input Languages
Settings Advanced
Default input language Select one of the installed input languages to use when you start your computer.
English (United States) - US
Installed services Select the services that you want for each input language shown in the list. Use the Add and Remove buttons to modify this list. EN English (United States) Keyboard • US Add Remove Properties
Preferences
Language Bar
OK Cancel Apply

11) Select *Add*, choose one of the available input languages and confirm with OK and the dialog will be close.

12) Now change the *Default input language* as needed and close all open dialogs with OK.

Text Services and Input Languages	? ×
Settings Advanced Default input Janguage Select one of the installed input languages to use when computer.	n you start your
French (France) - French	
☐Installed services Select the services that you want for each input langua list. Use the Add and Remove buttons to modify this list	
EN English (United States) EN Keyboard US	
FR French (France) Keyboard • French	A <u>d</u> d
	Remove Properties
Preferences   Language Bar Key Settings	
OK Cance	I <u>A</u> pply

13) Reboot the analyzer.

#### International keyboard support for Windows 7

For the installation of the German keyboard support, proceed with the following steps:

1) Select Control Panel - Clock, Language and Regions - Change Keyboard or other input methods

🔗 Region and Language
Formats Location Keyboards and Languages Administrative
Keyboards and other input languages To change your keyboard or input language click Change keyboards.
Change keyboards
How do I change the keyboard layout for the Welcome screen?
Display language
Install or uninstall languages that Windows can use to display text and where supported recognize speech and handwriting.
👘 🚱 Install/uninstall languages
How can I install additional languages?
OK Cancel Apply

2) Select Change keyboards...

Text Services and Input Lang			
Select one of the installed input languages to use as the default for all inp fields.			
English (United States) - US			
Use the Add and Remove buttons to modify this I	list.		
English (United States)	Add		
🦾 🍯 Keyboard	Remove		
🦾 🍯 Keyboard	Remove Properties		
🦾 🍯 Keyboard	Remove		

3) Select *Add*, choose one of the available input languages and confirm with OK and the dialog will be close.

🔮 Text Services and Input Langua	ges 🔀			
General Language Bar Advanced Key Settings				
Default input language Select one of the installed input languages to use as the default for all input fields.				
Installed services Select the services that you want for each input langu Use the Add and Remove buttons to modify this list. English (United States) Keyboard US FR French (France) Keyboard French	Add Add Remove Properties Move Up Move Down			
OK Cancel Apply				

- 4) Now change the *Default input language* as needed and close all open dialogs with OK.
- 5) Reboot the analyzer.

#### **Known Problems**

For FSP/FSU/FSQ: A base system firmware 4.3x (for FSG: V4.39 SP1) or newer is required to support the international keyboard driver. In older versions some of the front panel keys will not work properly.

For FSV: A base system Firmware 1.61Sp2 or newer is required to support the international keyboard driver. In older versions some of the front panel keys will not work properly