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# **DigtaSoft System Information Brief**

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# Introduction

Thank you for your interest in products from Grundig Business Systems GmbH (GBS).

This document provides the most benefit for the following groups:

- **Integrators,**
  - who want to easily integrate the full functionality range of GBS hardware to make their own software even more powerful.
  - who want to make use of well-proven software technology for professional dictation developed by Grundig Business Systems and its professional developer team.
  
- **Administrators,**  
who need to know how to configure GBS software and hardware in the back end for the most benefit of users and their organization.
  
- **End Users** (author and secretary),  
who want to know more about the full functionality range and how to gain the most benefit in daily work by using dictation hardware and software of GBS.

For more details of Grundig products see *Windows Support* and *Linux Support* or see: <http://www.grundig-gbs.com>.

# General Information

## System Requirements

System	Operating System	Hardware and additional Software Requirements
Windows®	Windows® 7	<ul style="list-style-type: none"> <li>• See System Requirements for Windows® Operating Systems from Microsoft® Corporation under <a href="http://www.microsoft.com">www.microsoft.com</a>.</li> <li>• Hard disk space: 90 MByte for application software (150 MByte with complete documentation in all languages), 25 MByte for HDK or SDK</li> <li>• 1 free USB Port 1.1 / 2.0 (or serial interface)</li> </ul>
	Windows® Vista	
	Windows® XP (SP2 or higher)	

System Citrix®	Operating System	Hardware and additional Software Requirements
Citrix® Server	Windows® 2008 Server (or higher)	<ul style="list-style-type: none"> <li>• 15 MByte per active user</li> <li>• Hard disk space: 90 MByte for application software (150 MByte with complete documentation in all languages), 25 MByte for HDK or SDK</li> <li>• Approximately 30 users on a quad core 2,66 GHz CPU</li> <li>• Minimum bandwidth: 64 kBit/s per user for audio streaming</li> <li>• Recommended bandwidth: 128 kBit/s per user for audio streaming</li> <li>• <b>Citrix® Presentation Server Version 3.0 (or higher) / XenApp / XenDesktop</b></li> </ul>
	Windows® 2003 Server (SP1 or higher)	
Windows® Clients	See System Windows®	<ul style="list-style-type: none"> <li>• See System Windows® Hardware and additional Software Requirements.</li> <li>• <b>Minimum ICA Client Version 8.0 (or higher)</b></li> </ul>
Windows® Thin Clients	Windows® 7 Embedded	<ul style="list-style-type: none"> <li>• Minimum: 800 MHz for dictating, 600 MHz for transcribing and 128 MByte RAM</li> <li>• Recommended: 256 MByte RAM</li> <li>• 1 free USB Port 1.1 / 2.0 (or serial interface)</li> <li>• Minimum bandwidth: 64 kBit/s per user for audio streaming</li> <li>• Recommended bandwidth: 128 kBit/s per user for audio streaming</li> <li>• <b>Minimum ICA Client Version 8.0 (or higher)</b></li> </ul>
	Windows® Vista Embedded	
	Windows® XP Embedded (SP2 or higher)	
Linux Thin Clients	See Linux Support	<ul style="list-style-type: none"> <li>• Minimum: 800 MHz for dictating, 600 MHz for transcribing and 128 MByte RAM</li> <li>• Recommended: 256 MByte RAM</li> <li>• 1 free USB Port 1.1 / 2.0 (or serial interface)</li> <li>• Minimum bandwidth: 64 kBit/s per user for audio streaming</li> <li>• Recommended bandwidth: 128 kBit/s per user for audio streaming</li> </ul>

System Windows® Terminal Server	Operating System	Hardware and additional Software Requirements
<i>Windows® Terminal Server</i>	Windows® 2008 Server (or higher)	<ul style="list-style-type: none"> <li>• 15 MByte per active user</li> <li>• Hard disk space: 90 MByte for application software (150 MByte with complete documentation in all languages), 25 MByte for HDK or SDK</li> <li>• Approximately 30 users on a quad core 2,66 GHz CPU</li> <li>• Minimum bandwidth: 128 kBit/s per user for audio streaming</li> <li>• Recommended bandwidth: 256 kBit/s per user for audio streaming</li> </ul>
	Windows® 2003 Server (SP1 or higher)	
<i>Windows® Clients</i>	See System Windows®	<ul style="list-style-type: none"> <li>• See System Windows® Hardware and additional Software Requirements.</li> <li>• <b>Minimum RDP Client Version 5.1 (or higher)</b></li> </ul>
<i>Windows® Thin Clients</i>	Windows® 7 Embedded	<ul style="list-style-type: none"> <li>• Minimum: 800 MHz for dictating, 600 MHz for transcribing and 128 MByte RAM</li> <li>• Recommended: 256 MByte RAM</li> <li>• 1 free USB Port 1.1 / 2.0 (or serial interface)</li> <li>• Minimum bandwidth: 128 kBit/s per user for audio streaming</li> <li>• Recommended bandwidth: 256 kBit/s per user for audio streaming</li> <li>• <b>Minimum RDP Client Version 5.1 (or higher)</b></li> </ul>
	Windows® Vista Embedded	
	Windows® XP Embedded (SP2 or higher)	
<i>Linux Thin Clients</i>	See <i>Linux Support</i>	<ul style="list-style-type: none"> <li>• Minimum: 800 MHz for dictating, 600 MHz for transcribing and 128 MByte RAM</li> <li>• Recommended: 256 MByte RAM</li> <li>• 1 free USB Port 1.1 / 2.0 (or serial interface)</li> <li>• Minimum bandwidth: 128 kBit/s per user for audio streaming</li> <li>• Recommended bandwidth: 256 kBit/s per user for audio streaming</li> </ul>

### Windows® 2000 no longer supported

The Microsoft® Windows® 2000 operating system will no longer officially be supported by GBS, as this product has been announced as discontinued by Microsoft® in July 2010 with no support being offered any longer. Since 2005 already, only safety updates have been made available for this operating system with the impact that new products and updates are no longer tested under Windows® 2000. A perfect operation under Windows® 2000 can therefore no longer be ensured.

GBS products (which have supported Windows® 2000 in the past), will probably function under this operating system in the future as well but the customer will not be entitled to support and warranty demands.

### Windows® Home Edition Environments

Please be aware that GBS software can run in a Windows® Home Edition environment, but we cannot guarantee that it will be 100% problem free, due to user account policies as well as networking restrictions, inherent in all Windows® Home Editions. We therefore recommend the use of full or premium editions where possible.

### Additional System Requirements for Steno Hardware (Steno adapter box):

- Soundblaster compatible sound card with 3,5 mm connector
- Serial interface, RS-232 (COM port) with D-sub 9 connector

**Remarks:**

- Maximum bandwidth for dictation upload is device dependent ( e.g. Digta 420 = 400 kByte/s per User).  
In some cases (especially Citrix® and Windows® Terminal Server environments) it is necessary to limit the dictation upload bandwidth to avoid network bottlenecks. All recommended bandwidth requirements are additional system requirements. You can limit upload and download of dictations to a maximum bandwidth in kByte/s with Registry Keys for Citrix® & Windows® Terminal Server (Version 4.2.2 or higher):

HKLM/SOFTWARE/Grundig Business Systems GmbH/CitrixUploadBandwidthKB and  
HKLM/SOFTWARE/Grundig Business Systems GmbH/CitrixDownloadBandwidthKB

HKLM/SOFTWARE/Grundig Business Systems GmbH/WTSUploadBandwidthKB and  
HKLM/SOFTWARE/Grundig Business Systems GmbH/WTSDownloadBandwidthKB

- If you use virtual machine software (e.g. Virtual PC, VMware (including VMware View) or other) you have to guarantee the system requirements as listed in the table above.
- The software is running in 32 bit compatibility mode on 64 bit Windows® operating systems.
- 64 bit clients for Windows® Terminal Server are supported.




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## Windows® Support

Thin Clients for Windows® Terminal Server and Citrix® are only supported by DigtaSoft Pro / Digta HDK + Digta SDK. The Audio Channels (DSS RDP + DSS ICA) are only available in the Digta SDK and in the DigtaSoft Pro application.










For detailed information regarding Operating System Environment see *System Requirements*.

	USB Mass Storage.
	Windows Audio, DSS ICA Audio Channel or DSS RDP Audio Channel.
	Software Control ( <i>USB (HID), USB or COM</i> ).










## Mobile Dictation Devices

Device / Interface	Windows®			Citrix® Windows® Thin Clients			Windows® Terminal Server Windows® Thin Clients		
									
Digta 7 Premium BT Digta 7 Premium Digta 7	✓	✓	USB (HID)	✓	✓	USB (HID)	✓	✓	USB (HID)
Digta 7 Push	✓	✓	✗	✓	✓	✗	✓	✓	✗
Digta 420 Digta x420 Digta 415 Digta x415	✓	✓	USB (HID)	✓	✓	USB (HID)	✓	✓	USB (HID)
Digta 410 Digta x410 Digta 405 (audio not supported)	✓	✓	✗	✓	✓	✗	✓	✓	✗
Digta Classica Digta 4015 DS Digta x4015 DS Digta 4015 Digta 4010 Digta 3010	✓	✗	✗	✓	✗	✗	✓	✗	✗

### Desktop Dictation Microphones

Device / Interface	Windows®			Citrix® Windows® Thin Clients			Windows® Terminal Server Windows® Thin Clients		
									
Digta SonicMic II Digta SonicMic II Classic Digta SonicMic II US Digta SonicMic II Classic US	X	✓	USB (HID)	X	✓	USB (HID)	X	✓	USB (HID)
Digta CordEx Digta CordEx US	X	✓	USB (HID)	X	✓	USB (HID)	X	✓	USB (HID)
Digta SonicMic Digta SonicMic Classic Digta SonicMic US Digta SonicMic Classic US	X	✓	USB	X	✓	USB	X	✓	USB




### Desktop Transcriber Accessories

Device / Interface	Windows®			Citrix® Windows® Thin Clients			Windows® Terminal Server Windows® Thin Clients		
									
Digta Foot Control 540 USB (+ Digta Stethoclip 518 USB)	X	✓	USB (HID)	X	✓	USB (HID)	X	✓	USB (HID)
Digta Soundbox 830 USB (+ accessories)	X	✓	USB (HID)	X	✓	USB (HID)	X	✓	USB (HID)
Digta FootPedal 538 USB (+ Digta Stethoclip 518 USB)	X	✓	USB (HID)	X	✓	USB (HID)	X	✓	USB (HID)
Digta Soundbox 820 USB (+ accessories)	X	✓	USB	X	✓	USB	X	✓	USB
SD4240 (+ accessories and additional sound card)	X	✓	COM	X	✓	COM	X	✓	COM
Steno Adapter (+ accessories and additional sound card)	X	✓	COM	X	✓	COM	X	✓	COM







## Linux Support

The Audio Channels (DSS RDP + DSS ICA) are only available in the Digta SDK and in the DigtaSoft Pro application.







For detailed information regarding Operating System Environment see *System Requirements*.

	USB Mass Storage.
	Windows Audio, DSS ICA Audio Channel or DSS RDP Audio Channel.
	Software Control ( <i>USB (HID), USB or COM</i> ).







## Mobile Dictation Devices

Device / Interface	Citrix® Linux Thin Clients			Windows® Terminal Server Linux Thin Clients		
						
Digta 7 Premium BT Digta 7 Premium Digta 7	✓	✓	USB (HID)	✓	✓	USB (HID)
Digta 7 Push	✓	✓	✗	✓	✓	✗
Digta 420 Digta x420 Digta 415 Digta x415	✓	✓	USB (HID)	✓	✓	USB (HID)
Digta 410 Digta x410 Digta 405 (audio not supported)	✓	✓	✗	✓	✓	✗
Digta Classica Digta 4015 DS Digta x4015 DS Digta 4015 Digta 4010 Digta 3010	✓	✗	✗	✓	✗	✗

### Desktop Dictation Microphones

Device / Interface	Citrix® Linux Thin Clients			Windows® Terminal Server Linux Thin Clients		
						
Digta SonicMic II Digta SonicMic II Classic Digta SonicMic II US Digta SonicMic II Classic US	X	✓	USB (HID)	X	✓	USB (HID)
Digta CordEx Digta CordEx US	X	✓	USB (HID)	X	✓	USB (HID)
Digta SonicMic Digta SonicMic Classic Digta SonicMic US Digta SonicMic Classic US	X	✓	USB	X	✓	USB

### Desktop Transcriber Accessories

Device / Interface	Citrix® Linux Thin Clients			Windows® Terminal Server Linux Thin Clients		
						
Digta Foot Pedal 540 USB (+ Digta Stethoclip 518 USB)	X	✓	USB (HID)	X	✓	USB (HID)
Digta Soundbox 830 USB (+ accessories)	X	✓	USB (HID)	X	✓	USB (HID)
Digta FootPedal 538 USB (+ Digta Stethoclip 518 USB)	X	✓	USB (HID)	X	✓	USB (HID)
Digta Soundbox 820 USB (+ accessories)	X	✓	USB	X	✓	USB
SD4240 (+ accessories)	X	✓	COM	X	✓	COM
Steno Adapter (+ accessories)	X	✓	COM	X	✓	COM

## Firmware Image available for the following Linux Thin Clients for Citrix (DSS ICA) and Windows Terminal Server (DSS RDP) environments from Igel.

Igel, Germany. For the latest firmware version please contact: <a href="http://www.igel.de">www.igel.de</a>					
Model	Firmware Version	Channel		Version DigtaSoft / Digta HDK + SDK	See Note / Restriction No.
		DSS ICA	DSS RDP		
Premium, Smart, Compact and Winestra series if the firmware Version is available for this model.	3.08.230 - 3.09.200, Linux 2.4.x	✓	✗	-> 4.2.0 B10	
	3.10.100 (or higher), Linux 2.6.x	✓	✓	4.2.0 B15 (or higher)	
	3.11.100 (or higher), Linux 2.6.x	✓	✓	4.3.0 B13 (or higher)	No. 5
All UD Series (UD2- Series*)	Universal_Desktop_ 4.01.500_Public.zip, 4.01.500, Linux 2.6.x	✓	✓	4.2.0 B15 (or higher)	
	Universal Desktop 4.03.100_Public.zip, 4.03.100, Linux 2.6.x	✓	✓	4.3.0 B13 (or higher)	No. 5
	Universal Desktop 4.03.100_Public.zip, 4.03.100, Linux 2.6.x	✓	✓	4.8 (or higher)	No. 7

### Note:

- Deactivate the Philips SpeechMike driver for Igel Linux Thin Clients in the Registry to avoid wrong event generation by the SpeechMike driver for Grundig HID devices.

## Software Package available for the following Linux Thin Clients for Citrix (DSS ICA) and Windows Terminal Server (DSS RDP) environment from Grundig Business Systems GmbH.

Fujitsu / Siemens, Germany For more information contact: <a href="http://www.mylux.com">www.mylux.com</a>					
Model	Software Version	Channel		Version DigtaSoft / Digta HDK + SDK	See Note / Restriction No.
		DSS ICA	DSS RDP		
FUTRO A200*, C100, C200, C250, D100, S400, S2xx, S300	eLux NG Base OS V1.44, Linux 2.4.x	✓	✗	-> 4.2.0 B10	No. 1
	eLux NG Base OS V1.44, Linux 2.4.x	✓	✓	4.2.0 B15 (or higher)	
	eLux NG Base OS V1.44, Linux 2.4.x	✓	✓	4.3.0 B13 (or higher)	No. 5
FUTRO B2xx	eLux NG Base OS V1.44, Linux 2.4.x	✓	✓	4.2.0 B15 (or higher)	
	eLux NG Base OS V1.44, Linux 2.4.x	✓	✓	4.3.0 B13 (or higher)	No. 5
FUTRO S450, S500, S550	eLux RL V2.0.0, Linux 2.6.x	✓	✓	4.2.0 B15 (or higher)	No. 2
FUTRO S400, S450, S500, S550, S550-2, S700, S900	eLux RL V2.5.0, Linux 2.6.x	✓	✓	4.3.0 B13 (or higher)	
	eLux RL V2.5.0, Linux 2.6.x	✓	✓	4.8 (or higher)	No. 7

ThinStation, (SourceForge.net) For more information contact: <a href="http://www.thinstation.org">www.thinstation.org</a>					
Model	Software Version	Channel		Version DigtaSoft / Digta HDK + SDK	See Note / Restriction No.
		DSS ICA	DSS RDP		
Support upon request.	V2.2, Linux 2.6.x	✓	✗	-> 4.2.0 B10	No. 3
Support upon request.	V2.2, Linux V2.6.x	✓	✓	4.3.0 B13 (or higher)	No. 5
Support upon request.	V2.2, Linux V2.6.x	✓	✓	4.8 (or higher)	No. 7

<b>Neoware (HP), USA (NeoLinux)</b> For more information contact: <a href="http://www.hp.com">www.hp.com</a>					
Model	Software Version	Channel		Version DigtaSoft / Digta HDK + SDK	See Note / Restriction No.
		DSS ICA	DSS RDP		
Neoware e140, e90	V3.2, Linux 2.4.x	✓	✗	-> 4.2.0 B10	No. 4
	Support upon request.	✓	✓	4.3.0 B13 (or higher)	No. 5
	Support upon request.	✓	✓	4.8 (or higher)	No. 7
HP 5730, 5735	HP Debian Linux 4.0.x (planned)	✓	✓	4.3.0 B13 (or higher)	No. 5

<b>Liscon, Austria</b> For more information contact: <a href="http://www.liscon.com">www.liscon.com</a> Please download the latest firmware from the Grundig ftp side.					
Model	Software Version	Channel		Version DigtaSoft / Digta HDK + SDK	See Note / Restriction No.
		DSS ICA	DSS RDP		
TC SL (TC4300)	Inx-2.28.0d-BASIC-64, Linux 2.6.x	✓	✓	4.2.0 B15 (or higher)	
	Inx-2.28.3d-BASIC-64, Linux 2.6.x	✓	✓	4.3.0 B13 (or higher)	No. 5
	Inx-2.28.3d-BASIC-64, Linux 2.6.x	✓	✓	4.8 (or higher)	No. 7

\* Due to CPU limitations this model should only be used as transcription station.

**References to notes / restrictions:**

No. 1	Disable USB-EHCI controller in BIOS for Digta ProMic / Digta ProMic US / Digta SonicMic. ICA client higher than 10.0. Digta CordEx / FS 540 not supported.
No. 2	Digta SonicMic / Digta Soundbox 820 in test. Digta SonicMic Classic is supported.
No. 3	Open source project
No. 4	MS DOS attribute file flag archive not supported (DssMover functionality)
No. 5	Digta SonicMic II support added.
No. 6	The Igel firmware update to the firmware version 3.11.100 supports the Digta SonicMic II. The Firmware update is available for the following Igel series: Premium, Smart, Compact and Winestra. We recommend to use the DigtaSoft Pro, Digta HDK and Digta SDK software versions V4.4 or higher.
No. 7	Digta 7 seeries support added.

**General notes:**

- There was a break between the DigtaSoft Pro / SDK / HDK version 4.2.0 B10 and version 4.2.0 B15 with impact to the Thin Client firmware.
- Thin Client - firmware for DigtaSoft Pro / SDK / HDK version 4.2.0 B10 is not compatible with newer DigtaSoft versions.
- DigtaSoft Pro / SDK / HDK version 4.2.0 B15 (or higher) are not compatible to Thin Client - firmware for older DigtaSoft versions.
- Since DigtaSoft Pro / SDK / HDK version 4.2.0 B15 the Thin Client firmware and the DigtaSoft Pro / SDK / HDK versions are upward and downward compatible.
- For support of new devices (e.g. Digta SonicMic II) you need the adapted DigtaSoft Pro / SDK / HDK version and the adapted Thin Client firmware.
- For more information see: [www.grundig-gbs.com](http://www.grundig-gbs.com) > Support > Download > PC-Software > DigtaSoft Win Citrix Linux.

## Additional Information

### Supported Hardware

For a description of the Grundig products supported by this HDK + SDK see *Windows Support* or *Linux Support* or see: <http://www.grundig-gbs.com>.

The hardware and components supported are also listed in the AdapterServer help file: Refer to chapter "Supported hardware" in *AdapterServer.pdf*/*AdapterServer.chm*.

All USB devices listed in the table below have the Vendor Identification (VID) 0x15D8 (Grundig Business Systems GmbH).

### Mobile Dictation Devices

USB device	Product ID	Software Control, DLL	Version	Date
Digta 7 Premium BT (Digta 704) Digta 7 Premium (Digta 703) Digta 7 (Digta 702)	0x0027	USB (HID), HIDMicCtrl.DLL	4.7 (or higher)	02 / 2011
Digta 7 Premium BT (Digta 704 configured as US) Digta 7 Premium (Digta 703 configured as US) Digta 7 (Digta 702 configured as US)	0x0028	USB (HID), HIDMicCtrl.DLL	4.7 (or higher)	02 / 2011
Digta 7 Push (Digta 701, pushbutton device)	0x0029	---	4.7 (or higher)	02 / 2011
Digta 420	0x0015	USB (HID), HIDMicCtrl.DLL	3.0 (or higher)	08 / 2005
Digta x420	0x0016	USB (HID), HIDMicCtrl.DLL	3.0 (or higher)	08 / 2005
Digta 415	0x0012	USB (HID), HIDMicCtrl.DLL	3.0 (or higher)	08 / 2005
Digta x415	0x0014	USB (HID), HIDMicCtrl.DLL	3.0 (or higher)	08 / 2005
Digta 410	0x0011	---	---	---
Digta x410	0x0013	---	---	---
Digta 405 (pushbutton device)	0x0017	---	---	---
Digta Classica Digta 4015 DS Digta x4015 DS Digta 4015 Digta 4010 Digta 3010	---	---	---	---

## Desktop Dictation Microphones

USB device	Product ID	Software Control, DLL	Version	Date
Digta SonicMic II US Digta SonicMic II Classic US	0x0026	USB (HID), HIDMicCtrl.DLL	4.3 (or higher)	02 / 2010
Digta SonicMic II Digta SonicMic II Classic	0x0025	USB (HID), HIDMicCtrl.DLL	4.3 (or higher)	02 / 2010
Digta CordEx US	0x0023	USB (HID), HIDMicCtrl.DLL	4.2 (or higher)	09 / 2008
Digta CordEx	0x0020	USB (HID), HIDMicCtrl.DLL	4.2 (or higher)	09 / 2008
Digta Sonic xMic Digta Sonic xMic Classic Digta ProMic US Digta ProMic US Classic	0x0003	USB, USBMicCtrl.DLL	3.0 (or higher)	08 / 2005
Digta Sonic Mic Digta Sonic Mic Classic Digta ProMic Digta ProMic Classic	0x0001	USB, USBMicCtrl.DLL	3.0 (or higher)	08 / 2005

## Desktop Transcriber Accessories

USB device	Product ID	Software Control, DLL	Version	Date
Digta Headphone	0x001A			02 / 2011
Digta Foot Control 540 USB	0x0024	USB (HID), HIDMicCtrl.DLL	4.2 (or higher)	09 / 2008
Digta Stehtoclip 518	0x0019			09 / 2006
Digta FootPedal 538	0x0018	USB (HID), HIDMicCtrl.DLL	4.1 (or higher)	01 / 2008
Digta Soundbox 830	0x0004	USB (HID), HIDMicCtrl.DLL	4.1 (or higher)	01 / 2008
Digta Soundbox 820	0x0002	USB, USBMicCtrl.DLL	3.0 (or higher)	08 / 2005
SD4240	---	COM, COMMicCtrl.DLL	3.0 (or higher)	08 / 2005
Steno Adapter	---	COM, COMMicCtrl.DLL	3.0 (or higher)	08 / 2005

<b>Software Control, DLL</b>	
USB (HID), HIDMicCtrl.DLL	The standard USB (Universal Serial Bus) HID (Human Interface Device) class driver of the operating system are used.
USB, USBMicCtrl.DLL	A dedicated and certified USB (Universal Serial Bus) device driver is necessary which is part of the Grundig setup.
COM, COMMicCtrl.DLL (Serial I / O, RS-232)	No driver is necessary. Make sure that the COM interface is not blocked by any other program or driver (like ActivSync driver for mobile devices, modem driver or other driver).

<b>Abbreviations</b>	
<b>US</b> or <b>x</b> versions (for example Digta CordEx <b>US</b> or Digta <b>x420</b> )	Device with international slide switch or the device is configured and modified for this version.
Classic	Device without mouse control and without barcode or RFID scanner interface

## Contact

### Grundig Business Systems GmbH

**Web:** [www.grundig-gbs.com](http://www.grundig-gbs.com)  
**Service:** [www.grundig-gbs.com/service](http://www.grundig-gbs.com/service)  
**Download:** [www.grundig-gbs.com/download.php](http://www.grundig-gbs.com/download.php)

### DigtaSoft One, DigtaSoft and DigtaSoft Pro customer

**Email:** [info@grundig-gbs.com](mailto:info@grundig-gbs.com)  
**Fax:** +49-911-4758-219  
**Address:** Sales  
Emmericher Straße 17  
D-90411 Nürnberg  
Germany

### Digta HDK and Digta SDK customer only

**Email:** [sdk@grundig-gbs.com](mailto:sdk@grundig-gbs.com)  
**Phone:** +49-921-898-150  
**Fax:** +49-921-898-289  
**Address:** Development  
Weiherstraße 10  
D-95448 Bayreuth  
Germany

### General Service

**Email:** [service@grundig-gbs.com](mailto:service@grundig-gbs.com)  
**Fax:** +49-921-898-341  
**Address:** Service  
Weiherstraße 10  
D-95448 Bayreuth  
Germany