

**GritTec's Speaker-ID: Automatic Text Independent Speaker Identification**

PARAMETER	DESCRIPTION
Full name of product:	GritTec's Automatic Text Independent Speaker Identification
Short name of product:	GritTec's Speaker-ID
Version:	3.xx.
Description of product:	GritTec's automatic text independent speaker identification technology is intended for automatic voice identification (or voice verification) of a speech signal of unknown voice by paired comparing with target voice example.
License type:	<ul style="list-style-type: none"> <li>▪ Installation of Software license key<sup>1</sup> for using with voice training mode or/and for using with voice identification mode;</li> <li>▪ Hardware license key<sup>1</sup> for using with voice enrollment mode or/and for using with voice identification mode.</li> </ul>
Supported platforms (OS):	MS Windows x86/x64
Delivery:	SDK packet in electron form which included: <ul style="list-style-type: none"> <li>▪ Dynamic libraries in object code (cdecl calling conventions);</li> <li>▪ Request type of license key;</li> <li>▪ Testing projects for MS Visual Studio C++ 2008 x86/x64 platforms;</li> <li>▪ API documentation describing functions and procedures for using with voice training and voice identification modes.</li> </ul>
The warranty period of support:	3 (three) months
Upgrade:	Free upgrades for the entire 1.xx versions.

NOTICE: 1 – Description for software and hardware license show in Table 1 and Table 2.

OS – Operation system.


SDK – Software development kit.

*Table 1. Description of Software license*

Parameter	Description
Type license:	The software license key*.
Description:	Libraries of GritTec's Speaker-ID request registration by a software license key, and are working with the current license key only on the current PC computer and with current operational system (OS).
Features:	<ul style="list-style-type: none"> <li>▪ The software license key depends from the quantity of target samples are used in stream of voice identification;</li> <li>▪ The software license key depends from the quantity of voice identification streams or depends from the quantity of voice training streams;</li> <li>▪ Supporting of multi-threading processing (multi-threading mode), i.e. possibility of creation unlimited quantity of threads for working with GritTec's Speaker-ID libraries, depends from license type;</li> <li>▪ The libraries GritTec's Speaker-ID does not work with earlier used the software license key at resetting of OS on another or replacement by hardware devices on the current PC computer (including any changes of a hard disk sections) because the hardware fingerprint key will be changed and in result the earlier used the software license key will be not valid.</li> </ul>
Delivery:	<ul style="list-style-type: none"> <li>▪ Dynamic libraries in object code (cdecl calling conventions) for working with software license key;</li> <li>▪ The software license key* for using with voice training mode or/and for using with voice identification mode.</li> </ul>
Restore:	Free restoration of each software license key not more than 3 (three) times.

NOTICE: \* – 1 (one) installation for each PC. For creating software license key is used software “hardware fingerprint” key of customer's PC computer, i.e. the software license key is generated depending from the the hardware fingerprint key.

*Table 2. Description of Hardware license*

Parameter	Description
Type license:	The usb key.
Description:	<p>The libraries of GritTec's Speaker-ID work only with USB key.</p>  <p>Kind of USB key for using in voice training mode.</p> <p>Kind of USB key for using in voice identification mode.</p>
Features:	<ul style="list-style-type: none"> <li>▪ The license with USB key depends from the quantity of target samples are used in stream of voice identification;</li> <li>▪ The license with USB key depends from the quantity of voice identification streams or depends from the quantity of voice training streams;</li> <li>▪ Supporting of multi-threading processing (multi-threading mode), i.e. possibility of creation unlimited quantity of threads for working with GritTec's Speaker-ID libraries, depends from license type;</li> <li>▪ Work on any PC computer with the supported OS at which is present USB key.</li> </ul>
Delivery:	<ul style="list-style-type: none"> <li>▪ Dynamic libraries in object code (cdecl calling conventions) for working with USB keys;</li> <li>▪ The USB key for using with voice training mode or for using with voice identification mode.</li> </ul>
Restore:	Free restoration of each USB key no more than 3 (three) times provided that the original faulty USB key as has been delivered to the Client, will be returned back to the Supplier.