

Short description: Software updates via satellite

tenHaaft®



Software updates via satellites can be installed in all products of the ten Haaft "Digital" product line manufactured after September 2008.

The updates are transmitted by satellite Astra 1H positioned at 19.2° East, i.e. updates can be received anywhere within the footprint of this satellite.

Please note: Software updates are not available for systems of the "Vision" product line or earlier systems of the "Digital" product line.

Systems manufactured from January 2007 can be upgraded with the update feature. This requires an initial update to be installed in the system using a computer. This upgrade is available since September 2008 as an update CD or can be downloaded from the Internet.

Installation:

To start the update installation, press MENU on the remote control and then select option "Satellite update" from the main menu. The system then automatically aims the antenna at the corresponding satellite. After optimal adjustment to the satellite signal, the actual satellite update menu is displayed ("Recovery console" v1.0).

The following menu options can then be selected with the remote control:

1. Check for updates
2. Display box serial number
9. Boot firmware

The menu functions are explained on the following pages.

1. Check for updates

This option checks whether the satellite transmits updates for the receiver model concerned. This requires the input of an update code which ensures that no incorrect or technically unfeasible update is installed.

The correct code to be entered is the following: **1268 05 2004 22000**

After entering the code, the data download may take up to 10 minutes. Then, a selection list is displayed showing updates that can be selected by pressing the corresponding key on the remote control.

Option "Firmware" downloads the actual operating system. If an update is offered for download, it is definitely suitable for the receiver model.

Option "Channel list" downloads the channel or station list of your receiver. For German-speaking regions, the use of the "-Universal-" channel list is recommended.

After selecting an update, it may take again up to 10 minutes until the update is loaded into the memory of the receiver.

After the update is completed, the screen will stop and show the message: "Update finished". Press "EXIT" and "9" to restart the receiver and to activate the loaded firmware or channel list.

2. Display box serial number

Menu item 2 displays the serial number of the hardware. This information is important if service is required.

9. Boot firmware

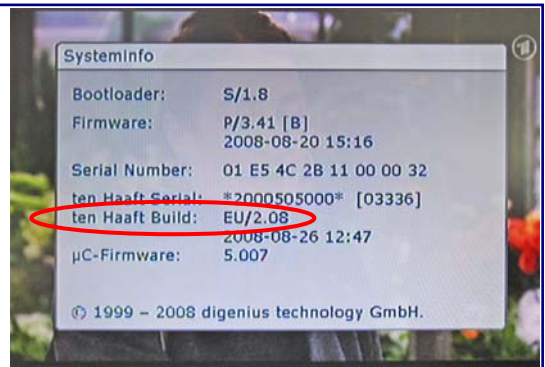
Menu item 9 will reboot the firmware of the receiver. This functions allows the restart of the receiver at any time e.g. after a successful update.

In case the update is not successful or if you have further questions, please feel free to contact our service department at +49 7237-4855-0 from Monday to Friday from 08 a.m. – 12 p.m. and from 01 p.m. – 04.30 p.m.

Can my receiver be updated via satellite?

All receivers made by ten Haaft since January 2007 can be upgraded with the satellite update feature. We regret that earlier systems cannot be upgraded. To check whether your receiver can be upgraded to receive updates via satellite, open the 'System information' page using the remote control and on-screen menu:

Button „Menu“ → *Main menu* → *Extras* → *System Info*



The receiver version is displayed in the information line "ten Haaft Build" (see graphic):

EU/2.xx = new model, can be upgraded with satellite update feature.

EU/2.08 and later = update feature already installed; no upgrade required.

T 1.xx or A 1.xx = earlier model, cannot be upgraded with satellite update feature.

Firmware: EU 2.10

Status: 08/2009