

# Operating Instructions

## DTR 2540 Serial Software Update Tool

### Requisites:

Required components (hardware / software):

- Windows-PC
- Serial 9-pin RS232 „null modem“ cable (female – female)
- Loader-Software „DTR2540Loader.zip“
- Update-Software „DTR2540\_V####.zip“

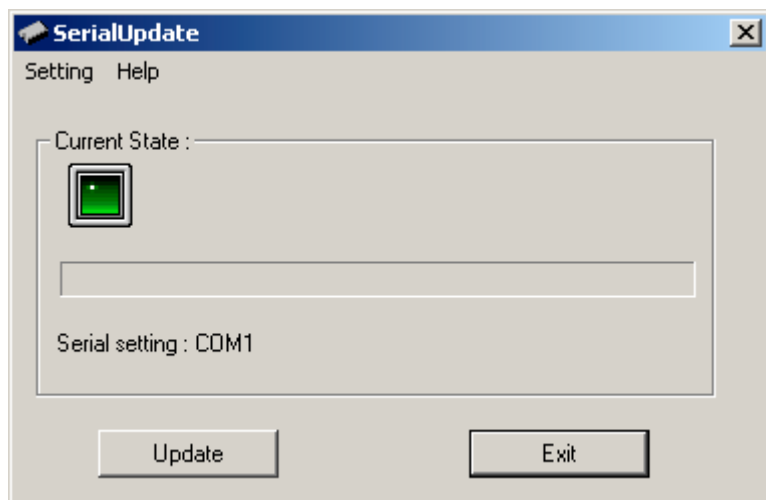
### Installation:

Please copy the ZIP-archive to an empty directory and extract all files.  
(The loader-executable has to be started from within this directory).

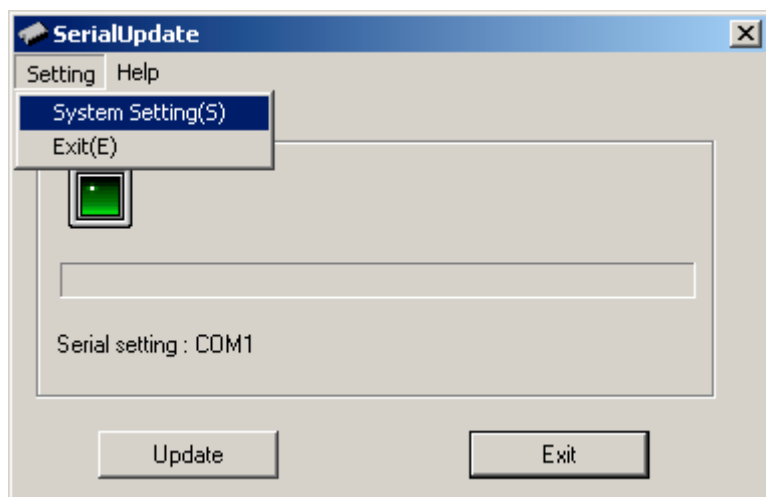
### Update Procedure:

Power-off the DTR 2540 (mains switch) and disconnect all cables (Antenna, TV, VCR, ... ).  
Connect PC and DTR 2540 using the RS232 cable described above.

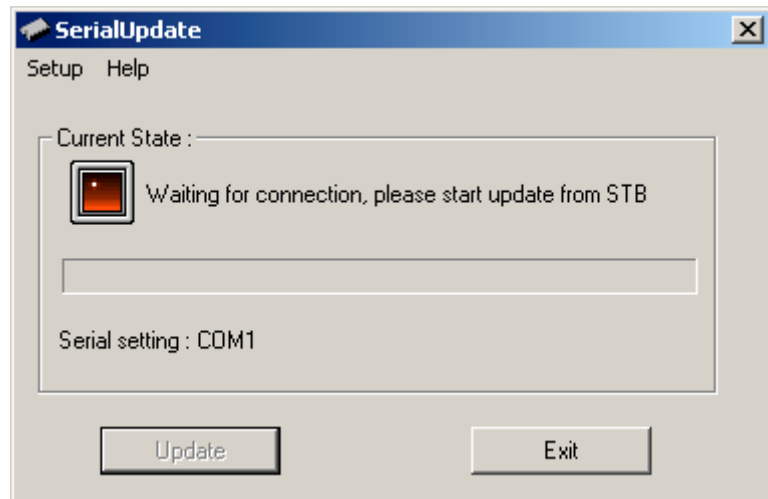
Start the loader-executable  
„SerialUpdate.exe“.



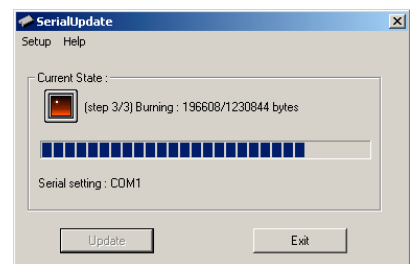
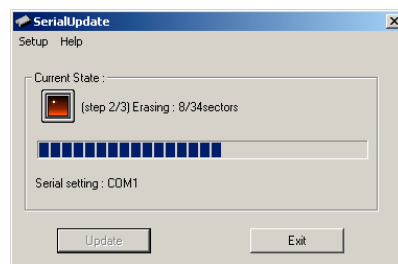
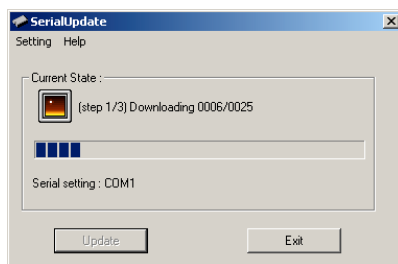
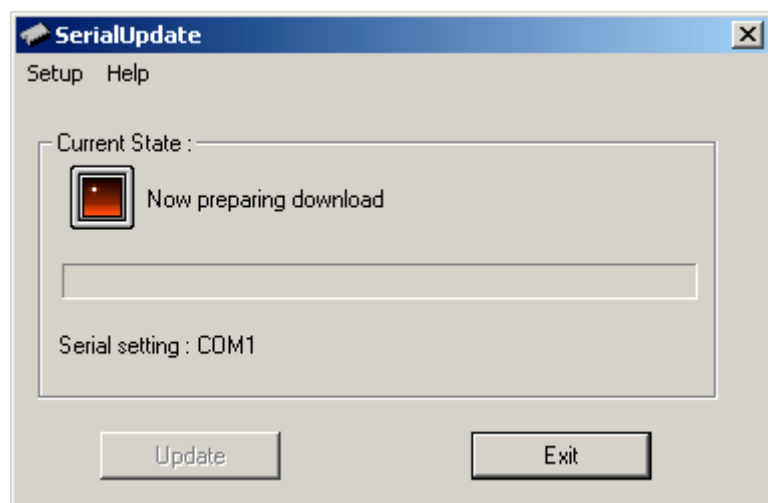
Select the serial port of the  
STB connection  
(default: COM 1):



Start the update by activating the button <Update>:



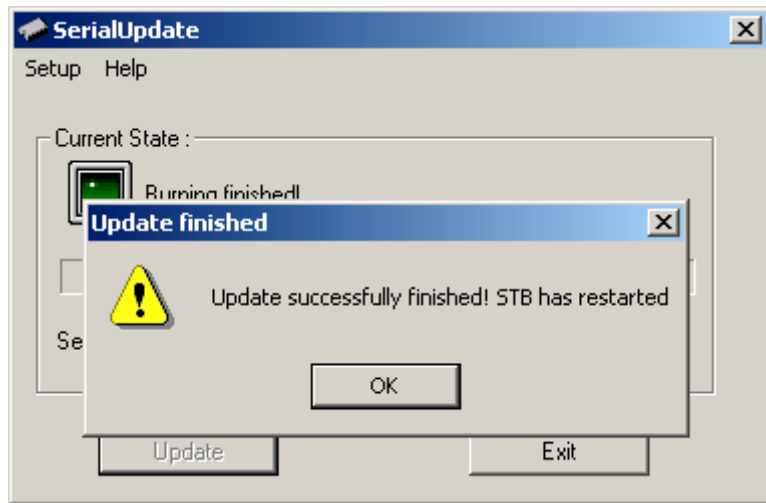
Power-up the DTR 2540 (mains switch), and the software update will start immediately:



- 1) Downloading the new software to the STB  
The DTR2540 display shows: „DOWNLOAD“
- 2) erasing the FLASH-memory  
The DTR2540 display shows: „BURNING-“
- 3) writing the new software to FLASH  
The DTR2540 display shows: „BURNING-“

At the end of the update procedure the STB will reboot automatically displaying the message: „WELCOME TO DTR\_2540“.

Now close the „Update finished“ pop-up (mouse-click on <OK>) and exit the download program (activate <Exit>).



Disconnect the STB from the mains and finally also disconnect the RS232 cable.

**Important note:**

***Please do not switch off the DTR 2540 before the message „Update successfully finished“ is displayed! Following a premature interrupt of the update procedure the DTR 2540 may be inoperable!***

For additional information please contact the Grundig customer service.

Your Grundig Team