

Installation of update for the karaoke system AST-100.

1. Download and install the last version of firmware program for the karaoke system AST-100.

File with the firmware program is available to download on the site **astupdate.com** in section “Software and documentation”. Brief instruction for firmware installation is in the same section.

2. Install the new version of control program from PC (AST Manager). If AST Manager is not in use go to the next step.

3. Download file(s) with update(s). Go to the personal account on **astupdate.com** and choose the section “Updates”. In the list of updates choose the required and download it to your PC. When using a few devices it is not necessary to download files for each device separately, it is enough to download file once and use it for installation to all devices.

4. Unpack the file with update to empty flash drive.

5. Turn on device, wait for starting up the system and put flash drive with the update file to USB port on the front plate of device. On display screen (TV) connected to the device will appear message: “*Inserted USB drive contains: -Songs update... Update?*” For update installation press the button “START”, to cancel installation press the button “STOP”. Installation of one update takes approx. 10-15 minutes.

6. Check propriety of update installation. Start to playback a few new songs in different formats.

7. Download and install renewed certificate. Certificate is necessary for access to playback of the new songs and it is unique for each device. Before downloading certificate please make sure that installing update is paid. Certificate is valid only for those updates, which are marked by the green check mark in personal account. Installation order of the certificate is as follows:

- In the personal account on the site **astupdate.com** go to the section “Updates” and press the button “Download certificate”.
- Save the certificate on empty flash drive. If a few devices are in use it is possible to save certificates for all karaoke systems on the one flash drive. During installation each device will automatically determine and install its certificate.
- Turn on the device and insert flash drive to USB port on the front plate of device. On display screen (TV) connected to the device will appear message: “*Inserted USB drive contains: -Certificate. Update?*”
- For continuation of update installation press the button “START”, to cancel installation press the button “STOP”.

Certificate installation takes approx. 1-2 minutes.

ATTENTION, IT IS IMPORTANT!

1. Do not install simultaneously (from one flash drive) the new firmware and update or certificate.

2. Do not install simultaneously (from one flash drive) a few updates (for example, “March” and “April”).

3. Updates to be installed to the device in the same order as produced (for example, at first “March” and only after that “April”).