

ast



**AST OneBox | User Manual**

**Dear User!**

Thank you for choosing  
AST products!

We have specially created AST OneBox — a wireless karaoke system for home use. Our new karaoke system incorporates the latest developments in professional karaoke technology. We have worked hard to make AST OneBox as convenient and comfortable as possible. We sincerely hope that the AST OneBox home karaoke system will bring you joy and satisfaction!



SAFETY GUIDELINES .....	3
CONNECTING THE DEVICE .....	11
POWERING ON AND OFF .....	12
NAVIGATION AND CONTROLS .....	13
ACTIVATION .....	16
MAIN FUNCTIONS .....	20
HOW-TO GUIDES .....	22
TROUBLESHOOTING .....	23

Before using the device, carefully read these safety instructions.

 **WARNING!**

Ignoring this warning may result in serious injury, an accident, or even death.

 **CAUTION!**

Ignoring this notice may result in minor injury or damage to the device.

## Precautions for Installing the Device

 **WARNING!**

- Keep the device away from heat sources, such as electric heaters. Failure to do so may result in electric shock, fire, malfunction, or deformation of the device.
- Plastic packaging can cause suffocation. Keep it out of reach of children.
- Do not place heavy objects on the device or sit on it. If the device is damaged or falls, it may cause injury.
- Do not leave children unsupervised near the device.
- Do not leave cables in pathways, as they may cause tripping hazards, electric shock, fire, injury, or damage to the device.
- The device must be installed in a clean and dry location. Dust and moisture can cause electric shock, fire, or damage to the device.
- If you notice unusual sounds, smoke, or other strange smells, unplug the power cable from the socket and contact the service center. Continuing to use a faulty device may result in electric shock or fire.

- If you drop the device or damage its casing, turn off the device and unplug the power cable from the socket. Continuing to use a faulty device may result in electric shock or fire. Contact the service center.
- Do not drop objects onto the device or subject it to impacts. This could cause injury or damage to the device.
- Do not drop the device. A fall could lead to injury or breakage.

 CAUTION!

- Ensure that the ventilation openings of the device are not blocked; otherwise, the device may deform or cause a fire due to internal overheating.
- To avoid the device falling, place it on flat and stable surfaces. A fall could lead to breakage and injury.
- Protect the device from direct sunlight. Exposure may damage the device.
- If the device is installed in a location that does not meet the recommended conditions, it could cause significant damage to its lifespan and appearance. Before installation, consult a qualified specialist. This includes areas with dust, oily mist, chemical reagents, extreme temperatures, high humidity, or places where the device will likely be left on for extended periods. Failure to comply with this requirement will void the warranty.
- Do not install the device in poorly ventilated areas, such as on a bookshelf, in a niche, on a cushion, or on a carpet, or outdoors.
- Do not place the device near heat sources, such as lighting equipment.

## Precautions for Using Power Supply



### WARNING!

- If water or any foreign substances enter the device, immediately disconnect the power plug and contact the service center. Excessive moisture and dust can lead to electric shock or fire.
- Do not touch the power plug or cable with wet hands. If the plug pins are damp or covered with dust, dry them and wipe off the dust before use. Otherwise, this may result in fire or electric shock.
- Ensure the power plug is firmly inserted into the electrical outlet. A loose connection may cause fire or electric shock.
- When unplugging the power cable, pull on the plug itself, not the cable. Avoid bending the power cable excessively, as this can cause damage that may lead to electric shock or fire.
- Avoid stepping on or placing heavy objects (such as electronics, clothing, etc.) on the cable. Be careful not to damage the power cable with sharp objects. Damaged power cables may result in fire or electric shock.
- Do not disassemble, repair, or modify the power cable. This may lead to fire or electric shock.
- Use only the rated voltage. Failure to do so may damage the device or cause electric shock.
- If you do not intend to use the device for an extended period, disconnect the power cable from the electrical network.
- Ensure the power cable plug is securely inserted into the device socket. A loose connection may damage the device, cause electric shock, or result in fire.

 CAUTION!

- Clean the power outlet and the prongs of the power plug from dust and other debris. Dirt can lead to fire hazards.
- Do not unplug the power cable while the device is powered on. A sudden voltage drop may damage the device.
- Use only the power cable supplied with the device.  
If the power cable is faulty, contact the manufacturer or service center for a replacement.

## Safety Measures When Moving the Device

 WARNING!

- The device must be turned off. Otherwise, it may cause damage or result in electric shock.
- Before moving the device, disconnect all cables.  
Failure to do so may result in damage to the device or electric shock.

 CAUTION!

- Avoid shaking or impacting the device during movement. This may cause damage.
- Do not discard the product packaging, as it may be useful for relocation.
- It is recommended to transport the device in its original box or packaging material.
- Before moving the device, disconnect the power cable and all other cables.

## Safety Measures for Operating the Device



### WARNING!

- Do not attempt to disassemble, repair or modify the device yourself. This may lead to electric shock or fire.  
For inspection or repair, contact the service center.
- If the device is not used for an extended period, disconnect the power cable from the outlet.
- Keep the device away from water. Contact with water may cause electric shock or fire.
- Do not expose the device to high temperatures or humidity.



### CAUTION!

- Do not place or store flammable substances near the device. Mishandling flammable substances may result in explosion or fire.
- Before cleaning the device, unplug the power cable. Use a soft cloth to prevent scratches. Do not use a damp cloth, sprayed water or other liquids. Failure to follow this rule may cause electric shock. Avoid chemical substances such as gasoline, solvents or alcohol.
- Keep the device clean.
- Batteries should not be exposed to direct sunlight, fire or electric heaters.
- Avoid liquid droplets or splashes on the device. Do not place items containing liquid (e.g. vases, cups) on or above the device (e.g. on shelves).
- To reduce energy consumption, switch the device to standby mode. If the device is not used for some time, turn it off to save energy.
- Do not use new batteries with old ones. This may damage the device. To replace batteries, open the battery compartment, replace the batteries as indicated in the markings inside and close the compartment. To remove batteries, perform the replacement steps in reverse.



## Licenses

Supported licenses may vary depending on the model. For more information about licenses, you can contact us via email: [info@art-system.ru](mailto:info@art-system.ru).

## Software Notice

Software for AST devices is developed and provided by SELECT (an official partner of Art System). For any questions regarding software updates, please contact us via email: [info@astupdate.com](mailto:info@astupdate.com).

## Manufacturer's Notes

- Device functions may be modified without prior notice.
- The package contents may vary depending on the model.
- Device specifications or the contents of this manual may change without prior notice due to feature updates.
- Use a certified HDMI cable with the HDMI logo. Using a non-certified HDMI cable may result in improper video display or connection errors.

### CAUTION!

- To ensure the safety and longevity of the device, do not use parts not approved by the manufacturer.
- Any damage or issues caused by the use of parts not approved by the manufacturer will not be covered under warranty.

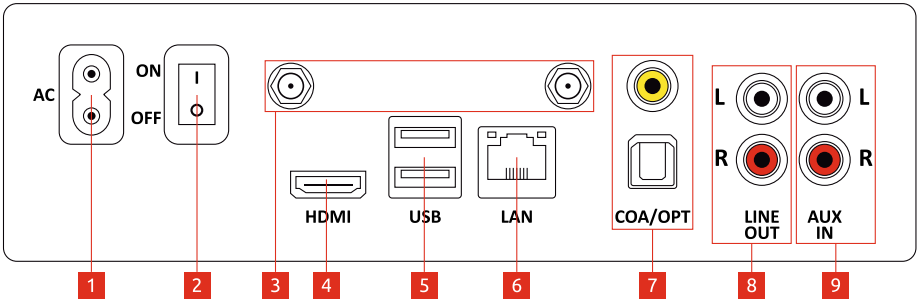
## Connecting External Devices

**Before connecting, make sure to disconnect all connected devices from power!**

Connect the cables from external devices to the main device, then connect all devices to the power supply.

**Under no circumstances should you plug the device or the connected devices into the power supply until all cables have been fully connected. Failure to follow this rule may result in damage to both the main device and the connected devices.**

Ensure that the electrical wiring of the room where the device is to be operated complies with the building codes (SNiP) of the respective country.



- 1 - Power Supply
- 2 - Power Switch
- 3 - Antenna Connection
- 4 - HDMI Video Output
- 5 - 2 USB Ports
- 6 - Internet Connection
- 7 - Digital Audio Inputs
- 8 - Analog Audio Output / Stereo Pair
- 9 - Analog Audio Input / Stereo Pair

**Pic . 1** Karaoke System Ports



## Power Button on the Main Unit

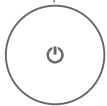
The power buttons are located on the main unit of the karaoke system and on the remote control ([1] in Fig. 7).  
To turn on the system, press the power button once.  
To turn it off, press the power button on the remote control.



MODE



Pic . 2



## Microphone Power Button

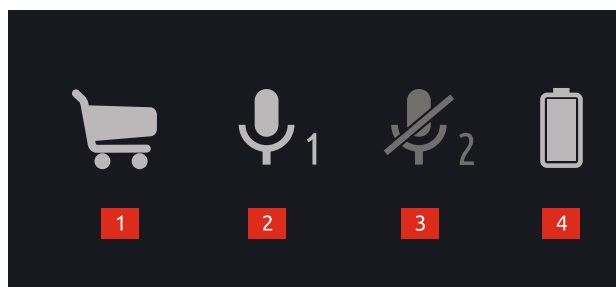
To turn the microphone on or off, press and hold the button at the end of the microphone handle for 1–2 seconds.  
Once the microphone connects to the main unit, a single short press on this button will change the communication channel.

Pic . 3



- MODE – switching system operation modes  
VOL – adjusting the system volume level  
BASS –adjusting frequency parameters

Pic. 4



1. Indicator of online store connection
2. Indicator of the first microphone's operation
3. Indicator of the second microphone's operation
4. Indicator of microphone battery charge (charged or discharged)

Pic. 5



Pic . 6

Navigation through the karaoke system's interface is done using the joystick and the colored functional buttons on the microphone.

Text input is performed using the character buttons or the virtual on-screen keyboard.

### 1 Microphone On/Off Indicator

### 2 Control Joystick

The joystick buttons may have additional functions depending on the context. For example, adjusting pitch (up and down arrows) and tempo (left and right arrows) during playback of the karaoke track.

### 3 Mini Keyboard

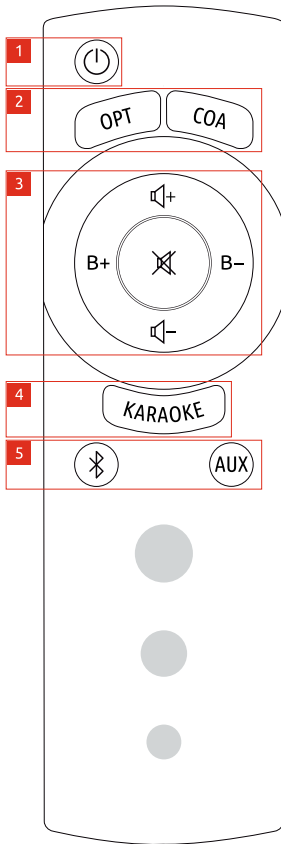
Used for entering search queries, configuring the karaoke system, and performing other actions that require entering characters and numbers.

### 4 Return/Stop Playback Button

### 5 Microphone and Track Volume Control Buttons

### 6 Colored Function Buttons

The actions that can be performed with these buttons may vary depending on the context.



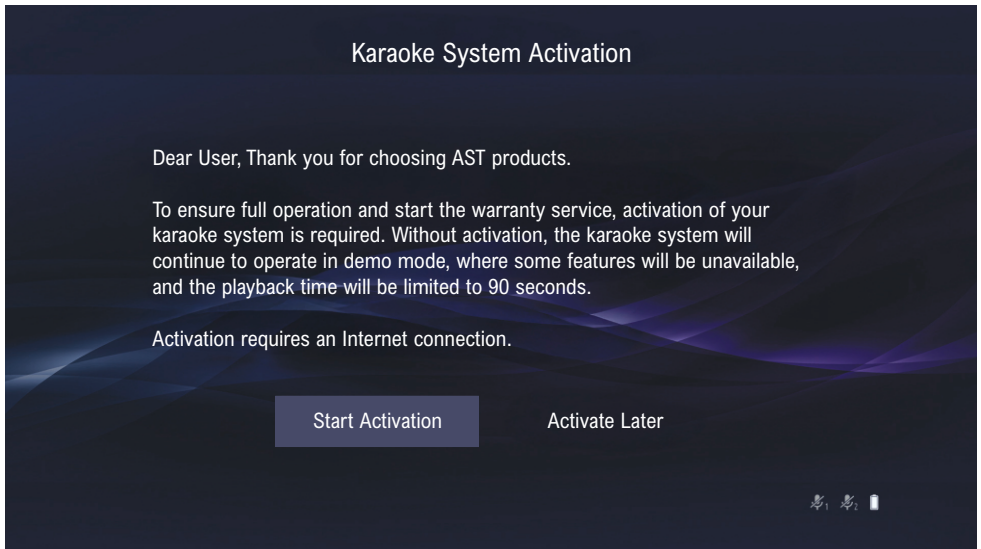
Pic. 7

Control of the karaoke system's modes, inputs, and outputs is carried out using a separate remote control.

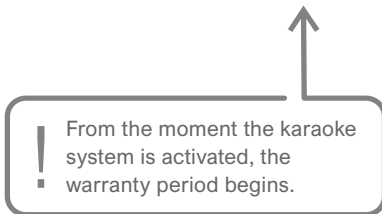
- 1** Power button for the karaoke system
- 2** Buttons for selecting digital audio inputs
- 3** Buttons for controlling sound levels and effects
- 4** Button for switching to karaoke mode
- 5** Buttons for selecting the external audio source

To start full operation, you need to activate your karaoke system.

Without activation, the system will continue to operate in demo mode, with some features unavailable and the track playback time limited to 90 seconds.



Pic. 8

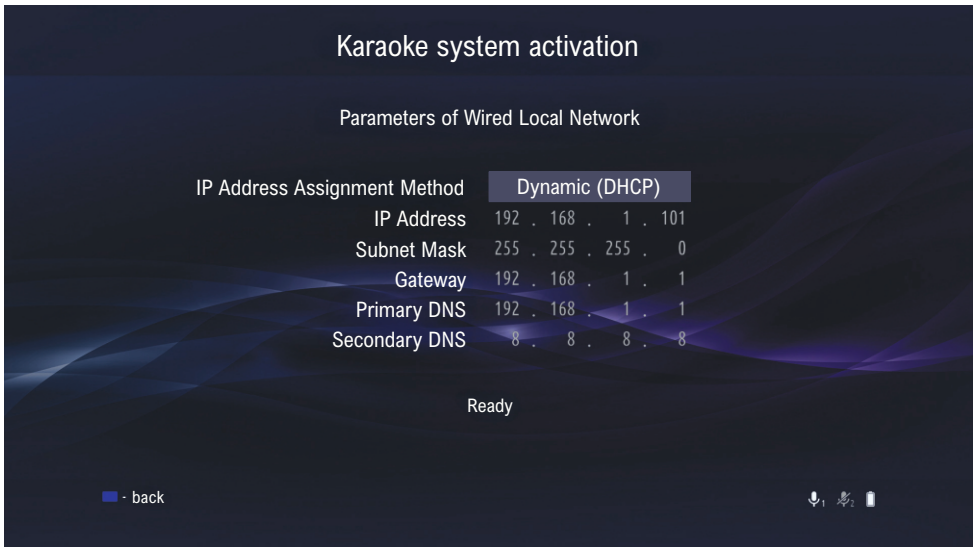




To start the activation process, the karaoke system needs to be connected to the Internet.

Connection can be made in two ways: using a wired connection or through a Wi-Fi network.

In the case of a wired connection, choose the method for obtaining the IP address and, if necessary, enter additional parameters for connecting to the Internet.

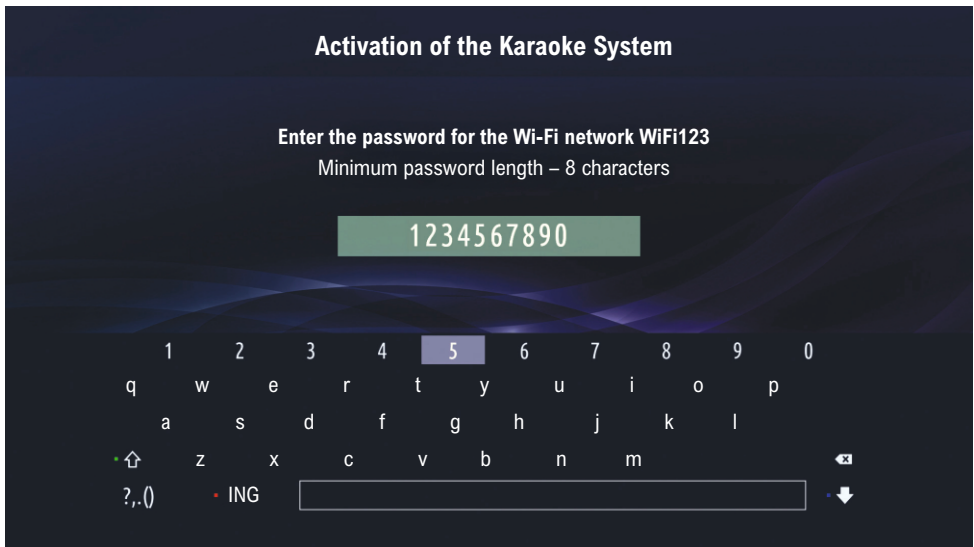


Pic. 9

! ATTENTION! During the connection process, assistance from a specialist may be required.

To connect via Wi-Fi, the karaoke system's built-in Wi-Fi adapter is used.

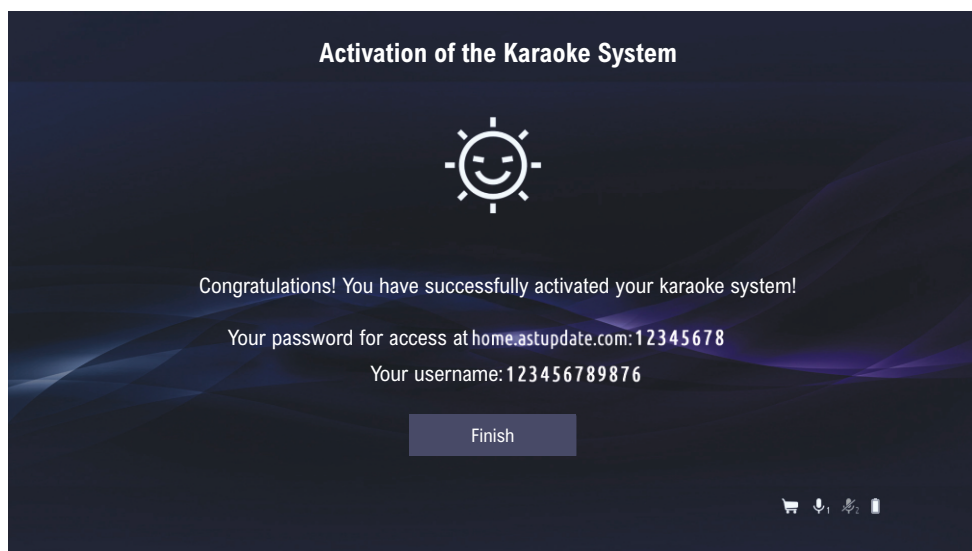
When selecting the Wi-Fi connection method, a list of available Wi-Fi networks will appear on the screen. Select the desired network from the list and connect to it.



Pic. 10

After connecting to the Internet, the activation of the karaoke system will start automatically.

Once the activation process is complete, the screen will display the username and password for accessing the personal account of your karaoke system on the website: [home.astupdate.com](http://home.astupdate.com).



Pic. 11

## My Songs

In this section, you can add your own backing tracks to the karaoke system from an external USB drive. If desired, the vocal part of the uploaded track can be removed. To do this, an Internet connection is required. A maximum of 50 songs can be added in this section.



## Recordings

This section contains a list of previously created performance recordings. The last 50 recordings are saved, with older recordings being replaced by newer ones. Any recording from the list can be transferred to an external USB drive. The recording feature can be enabled or disabled in the Settings section. A performance recording is saved under two conditions:  
The song's backing track must be played in full.  
At least one microphone must capture vocal input.



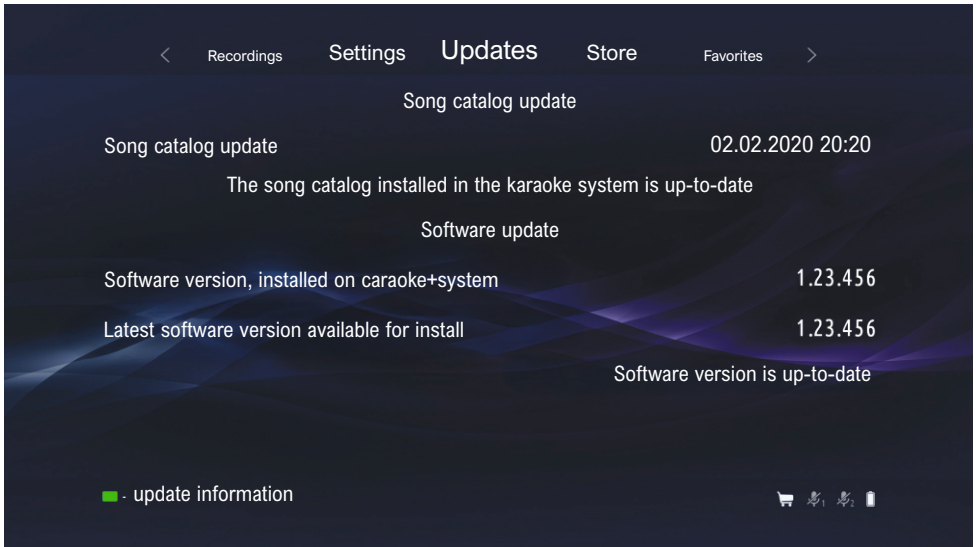
## Settings

This section contains all the settings for the karaoke system. Here, you can enable or disable score calculation and performance recording, adjust the format for displaying song lyrics on the screen, configure local network settings, and modify other parameters necessary for the karaoke system's operation.



## Updates

This section displays information about the current versions of the song catalog and software. If new versions of the catalog or software are available on the server, the system will prompt you to download and install the updates.



Pic. 14

## Favorites

This section displays a list of songs you have previously marked as favorites. You can add frequently performed songs to the Favorites for quick playback without the need for prior searching.

---



## How to Find a Song

Go to the Search section. Use the keyboard on the microphone or the virtual on-screen keyboard to enter your search query. The search can be performed by song title, artist name, or song lyrics. The system will display a list of songs that match your search query.

---



In case of device malfunctions, it is recommended to review the information in the table below before contacting the service center. The suggested actions can help identify the possible cause of the issue and prevent it from recurring in the future.

Check and if necessary, install the latest version of the device's software (firmware).

SIGNS OF MALFUNCTION	TROUBLESHOOTING METHODS
The device does not turn on	Ensure that the power cable is firmly plugged into both the electrical outlet and the device's power socket, and check if there is power in the electrical outlet.
No Image or Distorted Image	Ensure that the monitor or TV is properly connected to the device. The recommended HDMI cable length is 3 meters. Check if the correct aspect ratio is selected on the TV screen.
No Sound or Distorted Sound	Ensure that the volume level is not set to the minimum. Check the integrity of the built-in speakers. If they are damaged, contact the service center.
Microphone Does Not Turn On No Sound from Microphone or Sound Is Intermittent	Check that the microphone batteries are inserted with the correct polarity (+ and -). If the batteries are depleted, replace them with new ones. Ensure that the microphone is being used within 6 meters of the device.
The Device Does Not Respond to Button Presses on the Microphone or Remote Control	Restart the device. To do this, turn off the power (press and hold the power button for a few seconds) and turn it back on after at least 10 seconds. The device's operation may have been interrupted due to static electricity, a nearby lightning strike or other external factors.
Characters on the TV screen are not displayed or are displayed partially	Make sure you have selected the correct screen type according to the TV's operating manual
The device does not boot	Disconnect the device from the power supply and turn it on again after 10 seconds. Condensation may form inside the device due to temperature differences. In this case, let the device dry for 1-2 hours at room temperature
The soundtrack is not played in full	The soundtrack is played in demo mode. For full playback, payment is required.

