



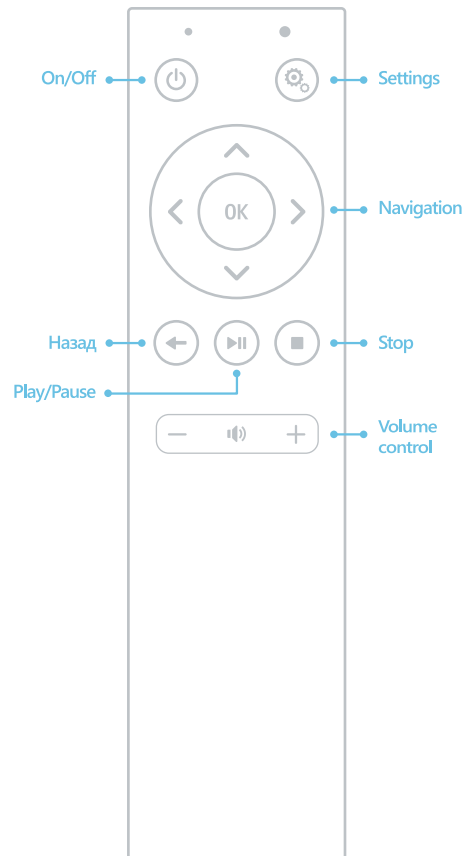
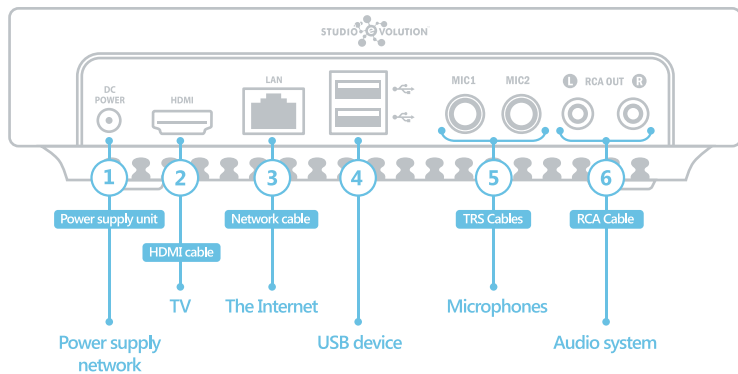
Quick User Guide

Congratulations!


You have become an owner of the professional karaoke system EVOBOX Club, developed by the company Studio Evolution for use in small karaoke clubs and karaoke rooms.

Connect, activate and setup EVOBOX.


Connection



1. Using an HDMI cable, connect the TV to the EVOBOX (2).
2. Connect the EVOBOX to the audio system using an RCA cable (6).
3. Using TRS cables, connect wired dynamic microphones or a wireless microphones receiver to the corresponding Mic1 and Mic2 inputs (5).

 Wired condenser microphones should be connected via 48V phantom power adapter.

4. Connect the EVOBOX to the power supply (1).
5. Turn on the TV and select the HDMI input to which the karaoke system is connected.
6. Following the prompts on the screen, connect the remote control, select the language, time zone and set up Internet connection.

 **Attention!** Karaoke system must be connected to the Internet to work in the full mode
For a more reliable connection to the Internet, it is better to use a wired connection.

WARNING! Failure to follow these instructions may result in fire, electric shock, as well as various bodily injuries or damage to equipment.

Additional connection information

Connecting more than 2 microphones and other audio sources.

If you need to connect additional audio equipment, connect it via a mixing console*.



When microphones and audio systems are connected via the mixing console, volume control of karaoke songs, microphones and their effects are not available in EvoControl.

Connecting multiple TVs.

To connect multiple TVs, use an HDMI splitter*.

* Not included in the package.

Activation



EVOBOX must be connected to the Internet.

EVOBOX Activation

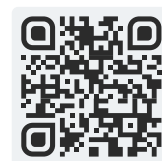
The EVOBOX karaoke system, which is not activated, works in an introductory mode, and you can use it with restrictions. The duration of the song playback is limited to 45 seconds. To activate the karaoke system, use the prompts on your TV.

Purchase a subscription

You can buy a subscription and get full information about it in the EVOBOX settings in the **Subscription** section and in the **Studio Evolution Personal Account** at <https://account.studio-evolution.com>

To purchase a subscription via EVOBOX, follow these steps:

1. Using the remote control, go to the EVOBOX settings and select the **Subscription** section in the settings menu.
2. Click **Buy** and select the subscription you want to purchase.
3. Follow the prompts on the TV to purchase a subscription.



Personal account





GREAT! The karaoke system is activated.

Control

The main control of the karaoke system is carried out through the proprietary EvoControl application, which is installed on a tablet (iOS or Android).

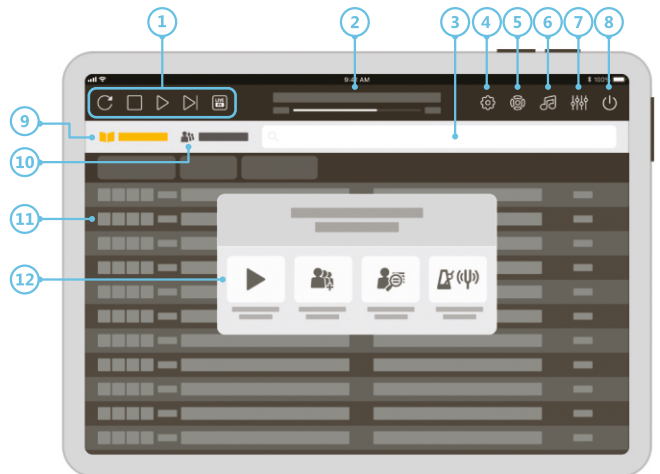
To control EVOBOX, follow these steps:

1. Scan the QR code and install the app.
2. Start EvoControl.
3. Click on **Settings** , then select **Connection**.
4. In the connection menu, select the EVOBOX you want to connect to.

 The EVOBOX and the tablet must be in the same Wi-Fi subnet.

Controls

- 1 Control the playback of a karaoke song.
- 2 Information about the karaoke song that is being played.
- 3 Search for karaoke songs.
- 4 EvoControl settings menu.
- 5 Virtual control panel. It is used to control in the EVOBOX settings.
- 6 Background music player.
- 7 Control the volume of karaoke, microphones, effects. Changing the tempo and tone of a karaoke song.
- 8 Turn on/off EVOBOX.
- 9 Catalog of karaoke songs.
- 10 Playback queue management.
- 11 List of karaoke songs.
- 12 Karaoke song menu. To open the menu, click on the line with the song.
In this menu, you can:
 - play a song;
 - add/remove a song to/from the queue;
 - find all the artist's songs;
 - pre-set tempo and tone.



Additional configuration of EVOBOX

For convenient work with EVOBOX Club, we recommend to additionally configure the karaoke system.

In the EvoControl application, open the **Virtual remote**  and click **Settings** .

To navigate in the EVOBOX settings, use the joystick and color buttons.

The General section

Set the parameters for playing karaoke and updating the database of songs according to your requirements.



In order to always have up-to-date database of songs in the karaoke system, enable the "Download new songs automatically" option.

Limitations Section

Setup limitations according to your requirements.



To block unwanted users from connecting to the EVOBOX, we recommend enabling "Require PIN code when connecting applications" and setting your PIN code.

Audio Section

Adjust the volume, gain, equalization and microphone effects, as well as the karaoke equalizer.



If wireless microphones are connected (for example, SE • 200D), additionally adjust the volume on the microphone receiver.

Files section

Add files for background music (WAV, OGG, MP3) and background screensaver (slides: PNG, JPG, JPEG; video: MP4, MKV, WEBM, TS).

1. Pre-download the files to an USB drive and connect it to the EVOBOX.
2. Open the desired subsection in the settings (Slides, Background Music or Background Video) and select **Add**.
3. In the modal window, select your USB drive and add files from it.

Setup your company logo

Add your company logo to the EVOBOX interface.

1. First create a file with a logo and name it "logo".
2. Upload the file to the root of the USB drive.
3. Turn on EVOBOX.
4. Connect the USB drive to the karaoke system.
5. In the dialog box, using the virtual remote control or remote control, confirm the addition of the logo.
6. In the EVOBOX settings, in the **General** section, select the location of the logo.



IMPORTANT! The file name must be exactly **logo**. For example: **logo.png**.
Supported files: PNG, JPG, JPEG.

Advertisement

It is possible to add a running line with the advertisement of your company in EVOBOX Club, which will be displayed on the TV screen.

To add it, follow these steps:

1. Log in to the Studio Evolution Personal Account at <https://account.studio-evolution.com>
2. In the side menu, select **Advertising**.
3. Add advertising information and select the EVOBOX on which you want to display this advertisement.



You can add unlimited number of ads. On EVOBOX, advertising texts will be displayed alternately.

4. In the EVOBOX settings, go to the **General** section.
5. Turn on the **Show ad line item**.

Karaoke room

For the EVOBOX Club to work in the karaoke room, we recommend enabling guest restrictions in EvoControl.

1. Open the EvoControl settings and turn on the **Karaoke Room Control** in the **Restrictions** section.
With this restriction, access to the settings, background music player, virtual console and turning on/off EVOBOX will be possible after entering your PIN code.
2. Click **Change PIN** and enter your pin. PIN code 0000 is set by default.
3. Configure additional restrictions for EvoControl.



EvoControl can be set as the main screen.

For **Android** tablets — in the EvoControl settings.

For **iOS** — iPad Settings → Universal Access → Enable Guide Access.

Blacklist

If there are songs in the catalog that you do not want to play in your club, you can add them to the Blacklist.


Songs that are blacklisted will not be displayed in the catalog.


1. Open the EvoControl settings and turn on the **Blacklist** in the Karaoke block.
2. Find a song or artist whose songs you want to be added to the Blacklist.
3. Click on the line with the song and select **Add a song to the Blacklist** or **Add an artist to the Blacklist** in the menu (all songs of this artist, including duets, will be added).

To exit Blacklist mode turn it off in the EvoControl settings.

LiveFX. Live Concert effect

LiveFX is designed to create a special atmosphere of a live concert.

The effect is available for karaoke tracks marked with a special icon .

To turn on **LiveFX**, click on the button  on the control panel for playing a karaoke song in EvoControl.

Specification

EVOBOX Club Color

Black

Dimensions and weight of the device

Length: 198 mm, Height: 49 mm, Width: 198 mm, Weight: 900 g

Karaoke system control

Bluetooth remote control,
EvoControl tablet app

Audio inputs

Microphone inputs: Balanced TRS 6.3 (Jack), 2 pcs.
Maximum gain on the microphone input: 32.5 dB
Maximum input amplitude: +0.14 dBn (0.788 Vrms)
Input signal-to-noise ratio: -95.9 dB (A-weighted)
Dynamic range: 95.7 dB
Harmonic distortion + noise: 0.0011 %
Frequency band (+/- 0.5 dB): 50 Hz – 20 kHz
Channel mutual penetration: -95.3 dB
Input impedance: 25 kOhm
Audio ADC: 24-bit

Audio outputs

Stereo Output: RCA, 2 pcs.
Output signal-to-noise ratio: 99.3 dB (A-weighted)
Dynamic range: 99.4 dB
Harmonic distortion + noise: 0.005 %
Frequency band (+/- 0.5 dB): 20 Hz – 20 kHz
Channel mutual penetration: -98.3 dB
Maximum output amplitude: +4.7 dBn (1.34 Vrms)
Output impedance: 470 Ohm
Audio DAC: 24-bit

Video

Maximum image resolution: 4K UHD (3840 × 2160)

Supported file formats

Video: MP4, MKV, WEBM, TS
Audio: WAV, OGG, MP3
Graphic: PNG, JPG, JPEG
Karaoke: EK2

Connectors and Interfaces

Wi-Fi 802.11ac. Operation in two bands (2.4 GHz and 5 GHz)
Bluetooth 4.1 Low Energy
HDMI 2.0
USB Type-A, 2 pcs.
Gigabit LAN (RJ45)
Power connector

Storage

1 TB (HDD)

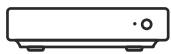
System

Processor: Quad Core Cortex-A53
The amount of DDR4 RAM: 2 GB
Graphics subsystem: Mali-T820 MP3 GPU

Other

Power Supply: 12V/2A
Power consumption: 24 W
Operating temperature range: 0-50 °C
Dimensions of the box
(L × H × W), mm: 370 × 65 × 275

Package



EVOBOX Club
Karaoke System



Bluetooth
remote control



2RCA-2RCA
Audio Cable



HDMI Cable



Power supply unit



AAA batteries,
2 pcs.



User's Guide



The terms HDMI, HDMI High-Definition Multimedia Interface and the HDMI logo are trademarks or registered trademarks of the HDMI Licensing Administrator, Inc.



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To learn more about working with EVOBOX, visit studio-evolution.com

The device's appearance and interface may differ from the description provided in this manual.



WWW.STUDIO-EVOLUTION.COM