KARAOKE EVOBOX

Quick Start Guide
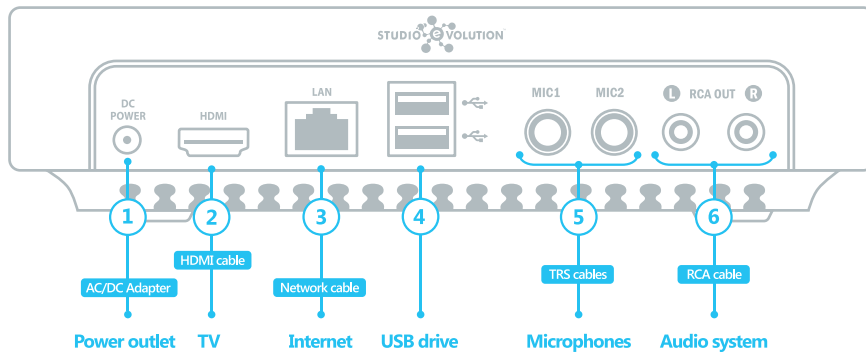
Congratulations!

You have become the proud owner of the EVOBOX karaoke system.

Thank you for choosing Studio Evolution solutions.
Follow the steps below to wire up your EVOBOX.

Let's start!

Quick connection

1. Connect one end of the HDMI cable to the HDMI port on your TV. Connect the other end of the HDMI cable to the EVOBOX HDMI port (2).

2. Use the RCA cable to connect EVOBOX to the audio system (6).

3. Use TRS cables to connect wired microphones or a wireless microphone receiver to the appropriate Mic1 and Mic2 inputs (5).

4. Connect EVOBOX to a power outlet (1).

5. Turn on the TV and select the HDMI input to which your karaoke system is connected.

6. Follow the on-screen instructions to connect the remote control, select a language, time zone, and configure Internet connection.
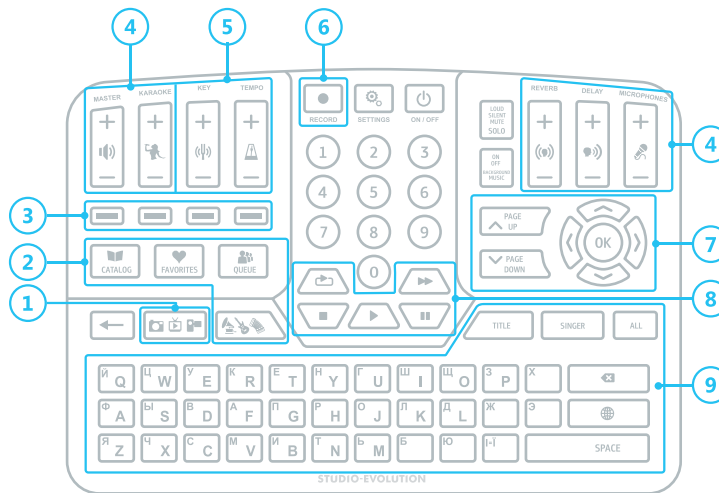
WARNING! Failure to follow these instructions can result in a fire, electric shock, personal injury, or equipment damage.

Karaoke system activation

Please activate your EVOBOX system so it could operate at its full potential. Without activation, EVOBOX will run in demo mode only. In the demo mode, the song duration is limited to 45 seconds.
To activate your karaoke system, use the instructions on the screen of your TV.

Bluetooth®
Remote control

1. Select a background image (photo/video).

2. Catalog, Favorites, Queue, and Genre selection.

3. Function keys.
   Catalog, Favorites, Queue and Genre selection:
   yellow — open/close the background music player;
   blue — information about the song;
   red — open/close the performance recording player;
   green — enable/disable LiveFX.

4. Adjust the volume and effects.

5. **Tone** adjustment — from -6 to +6 units.
   Tempo adjustment — from -12 to + 12%.

6. Turn on/cancel performance recording.

7. Navigation.

8. The block of playback control keys.

9. Keyboard and search filters.

[LIVE FX]
The live concert effect

LiveFX is created individually for each song, so you can feel the special atmosphere of a live concert.
LiveFX is available for tracks marked with the special icon **LIVE FX**.

Use the green function key to enable/disable the effect.

Smart control

You can control the EVOBOX karaoke system using its Bluetooth remote control with a full-size keyboard, as well as rely on our official applications.

EVONET
To control from a smartphone.

EVOCONTROL
To control from a tablet.

Scan the QR code

[● RECORD]
Record your concerts

Record your performances with EVOBOX in studio quality. To enable it, press the Record key on the remote control or tap a similar button in the application interface.

You can easily copy the recordings to a USB drive or instantly share them with your friends and family members via instant messengers or social networks, with the application.

Microphone Settings

For a more voluminous and spectacular sound of your voice, we recommend adjusting the microphones.
Go to EVOBOX's Settings, select the **Audio** section and go to the **Microphones** subsection .
Adjust the EQ for your voice, select the gain level for microphones and choose the following effect types: **Deley**, **Reverb**. Use the remote control or app to adjust the effects.
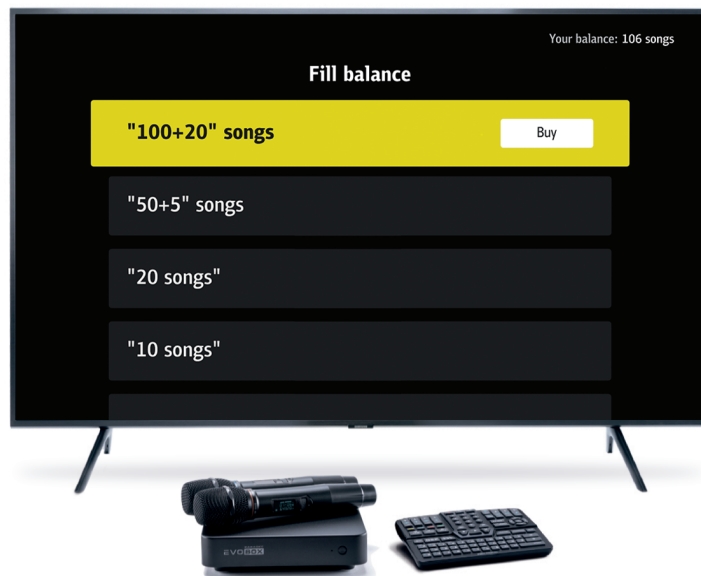
How to buy songs

At any moment, you can purchase individual tracks from the Studio Evolution full karaoke catalogue. Studio Evolution Catalogue is updated several times a week with just-outs and trendy songs.

In the Catalogue, the songs available for purchase are marked grey. You have an opportunity to play a song in a demo mode before buying it. To buy a song, please, charge up your Balance.

⚠️ You can charge up your Balance and buy songs only when your karaoke system is connected to the Internet.
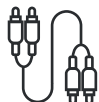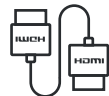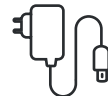
Your balance: 106 songs

Fill balance

"100+20" songs	Buy

"50+5" songs

"20 songs"

"10 songs"

What's inside

EVOBOX Karaoke system	Bluetooth remote control	Audio cable 2RCA-2RCA	HDMI Cable	AC/DC Adapter	2×AA Batteries	Quick Start Guide

HDMI ® HIGH-DEFINITION MULTIMEDIA INTERFACE The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI logo are registered trademarks of HDMI Licensing Administrator, Inc.

Bluetooth ® The Bluetooth logo and the term itself are registered trademarks owned by Bluetooth SIG Inc. Any use of the trademark/term is licensed.

Specifications

Casing colors available

Black, Graphite, Silver, Ocean, Gold, Ruby

Dimensions and weight

Height 49 mm, width 198 mm, length 198 mm, weight 1140 g

Control

Bluetooth remote control, mobile applications for smartphones (EVONET) and tablets (EVOCONTROL)

Audio inputs

Microphone inputs: Balanced TRS 6.3 (Jack) (2 pc.)
Maximum microphone input gain: 32.5 dB
Maximum input amplitude: +0.14 dBu (0.788 Vrms)
Input signal/noise ratio: -95.9 dB (A-weighted)
Dynamic range: 95.7 dB
Harmonic distortion + noise: 0.0011%
Bandwidth (+/- 0.5 dB): 50 Hz - 20 kHz
Cross-channel penetration: -95.3 dB
Input resistance: 25 kOhm
Audio ADC: Asahi Kasei Microdevices AK5703

Audio outputs

Stereo outputs: RCA, (2pc.)
Input signal/noise ratio: 99.3 dB (A-weighted)
Dynamic range: 99.4 dB
Harmonic distortion + noise: 0.005%
Bandwidth (+/- 0.5 dB): 20 Hz - 20 kHz
Cross-channel penetration: -98.3 dB
Maximum output amplitude: +4.7 dBu (1.34 Vrms)
Output resistance: 470 Ohm
Audio DAC: Asahi Kasei AK4430

Video

The maximum screen resolution: 4K UHD (3840 × 2160)

Supported file formats

Video: MOV, AVI, MP4, MKV
Audio: WAV, OGG, MP3
Graphic: PNG, JPG, JPEG
Karaoke: EK2

Connectors and Interfaces

Wi-Fi 802.11ac.; Two ranges:
2.4 GHz and 5 GHz
Bluetooth 4.1 Low Energy
HDMI 2.0
USB Type-A (2 pc.)
Gigabit LAN (RJ45)
Power connector

Drives

EVOBOX: 120 GB (SSD)
EVOBOX Plus: 960 GB (SSD)

System

Processor: Quad-Core Cortex-A53
RAM: 2 GB DDR4
Graphics and multimedia processors:
Mali-T820 MP3 GPU

Other

Power: 12 V / 2 A
Power consumption: 24 W
Temperature range: 0-50 ºC
Transport box size
(W × H × L), mm: 333 × 134 × 324

Visit support.studio-evolution.com to learn more about the way you can use the EVOBOX karaoke system.
Please note that the appearance and interface of the equipment may differ from those described in this manual.

WWW.STUDIO-EVOLUTION.COM