

Audio – Voice Over Amplifier

# SPARK 07

## USER MANUAL



## SPARK 07 – Audio Voice-Over Amplifier

# User Manual

---

## 1. Introduction

Thank you for choosing the **SPARK 07 Audio Voice- Over Amplifier**. This compact and efficient device is designed to mix microphone input with background music, making it ideal for MCs, instructors, event hosts, and presenters.

This manual will guide you through the setup, operation, and features of the amplifier.

---

## 2. Product Specifications

- **Rated Supply Voltage:** 12V DC
  - **Maximum Current Consumption:** 1A
  - **Operating Modes:** Mic Mode / Audio Mode
  - **Inputs:**
    - MIC IN
    - AUDIO IN (Music)
  - **Output:**
    - SPEAKER OUT
  - **Indicators:**
    - **Power Indicator:** Red LED
    - **Switching Indicator:** Blue LED
- 

## 3. Front & Rear Panel Overview

### Front Panel

- Mode Selection Button
- Switching Indicator LED
- Power Indicator LED
- Power Button

## Rear Panel

- **I/O Power Port (12V DC)**
  - **MIC IN Port** – connect microphone
  - **AUDIO IN Port** – connect music/audio source
  - **MUSIC Port** – secondary audio connection
  - **OUT Port** – connect speaker
- 

## 4. Setup Instructions

Follow these steps to connect your SPARK 07:

1. **Connect the Power Supply**
    - Plug the **12V DC** adapter into the **I/O power port**.
    - The **red LED** will turn on indicating power.
  2. **Connect the Microphone**
    - Plug your microphone into the **MIC IN** port.
  3. **Connect the Audio Source**
    - Plug your phone, laptop, or music player into the **AUDIO IN** port.
  4. **Connect the Speaker**
    - Plug your speaker into the **OUT** port.
  5. **Press Mode Button (Audio / MIC)**
    - The **blue LED** lights up when switching modes.
- 

## 5. Operating Modes

The SPARK 07 has two modes designed for clear voice- over performance.

### A. Mic Mode

- Your **voice from the microphone** will be heard **loud and clear**.
- The **music/audio** will play **softly in the background**.
- When you **stop talking**, the **music automatically becomes louder** for full clarity.

### B. Audio Mode

- The **audio source** becomes the primary sound.
- The Audio input plays **softly in the background**, suitable for commentary or background announcements.

---

## 6. Indicator Lights

- **Red LED – Power ON**
    - Turns ON when the device is powered.
  - **Blue LED – Switching**
    - Lights up while in the voice over mode .
- 

## 7. Safety Instructions

- Use only a **12V DC regulated adapter (1A)**.
  - Do not expose the amplifier to water or moisture.
  - Avoid placing heavy objects on the device.
  - Do not short the output terminals.
  - Ensure all cables are firmly connected before use.
- 

## 8. Troubleshooting

| Issue                         | Possible Cause      | Solution                               |
|-------------------------------|---------------------|--|
| No power                      | Wrong adapter       | Use 12V DC, 1A supply                  |
| No sound                      | Loose cable         | Recheck all connections                |
| Mic not heard                 | Wrong mode          | Switch to Mic Mode                     |
| Music is too loud in Mic Mode | Mic sensitivity low | Move mic closer or increase mic volume |

---

## 9. Warranty

The SPARK 07 comes with a **6- month limited warranty** covering manufacturing defects.

---

## 10. Contact & Support

For repairs, replacements, or support, please contact **Spark Academy Electronics Support**.

Thank you for using SPARK 07!