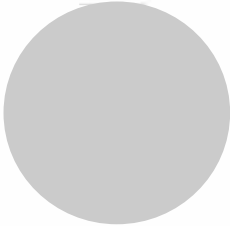




# Revolabs Fusion Wireless Microphone System



## Set-Up Guide Addendum

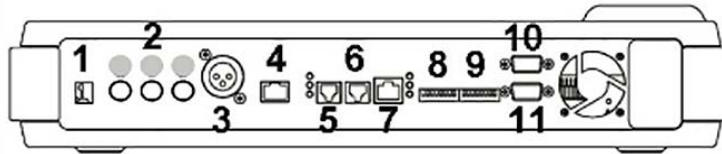


- Required for:**
- Hearing Assistance Mode**
  - Setting Earpiece Audio**
  - Chairman Mode**
  - Increased Echo Cancellation**
  - Increased Video Conference Gain**
  - Increased Hook Flash Duration**

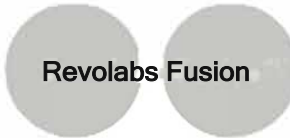
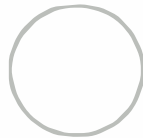


## Set-Up Guide

### Fusion Back Panel



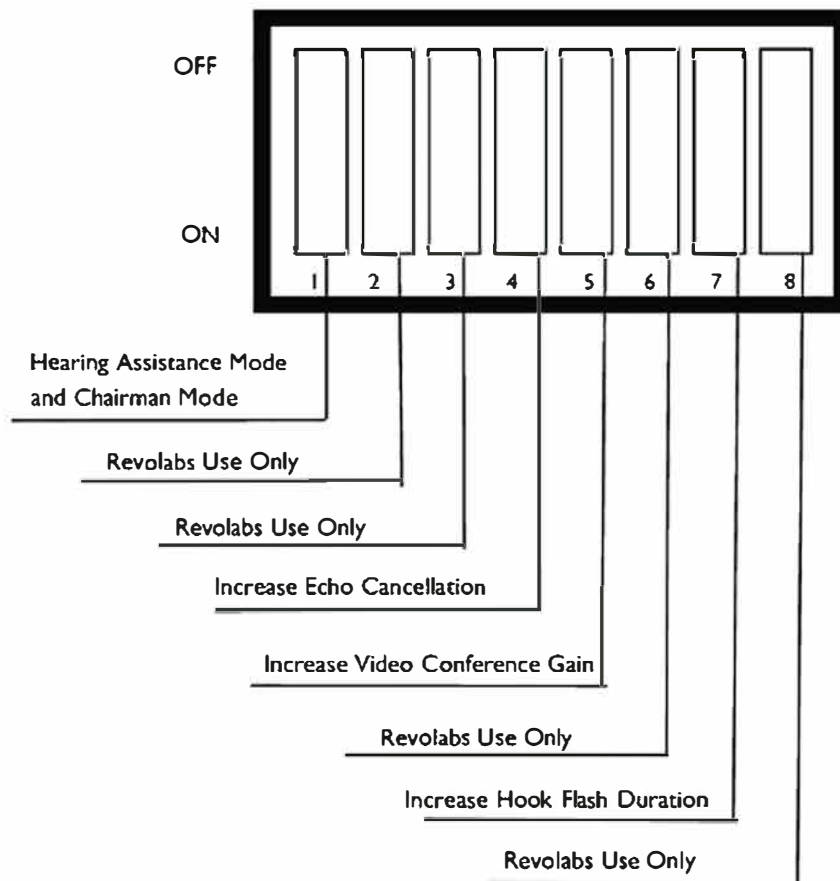
1. Power
2. 6 RCA Plugs
  - AUX IN (for auxiliary input devices)
  - AUX OUT
  - RECORD OUT (for audio recording devices)
  - ROOM OUT
  - CONFERENCE IN
  - CONFERENCE OUT
3. Conference Out XLR (Microphone level)
4. Network RJ 45 (Use for firmware updates only)
5. Telephone Line-in RJ11
6. Telephone Set-in RJ11
7. Audio Control RJ45 (Use for firmware updates only)
8. Programming Port: LEFT DIP Switches 1-8 (refer to Set-Up Guide and page 4)
9. Programming Port: RIGHT DIP Switches 1-8 (refer to page 3)
10. DB9 (Revolabs use only)
11. IR Remote DB9



## Programming Port: RIGHT DIP Switches

The Fusion Base Station factory default settings are all OFF. The left Programming Port is explained in the Set-Up Guide. The right Programming Port is explained below.

**NOTE:** The Fusion system must be powered off and back on for any DIP Switch changes to take effect.





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## Hearing Assistance

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### Setting the Hearing Assistance Mode

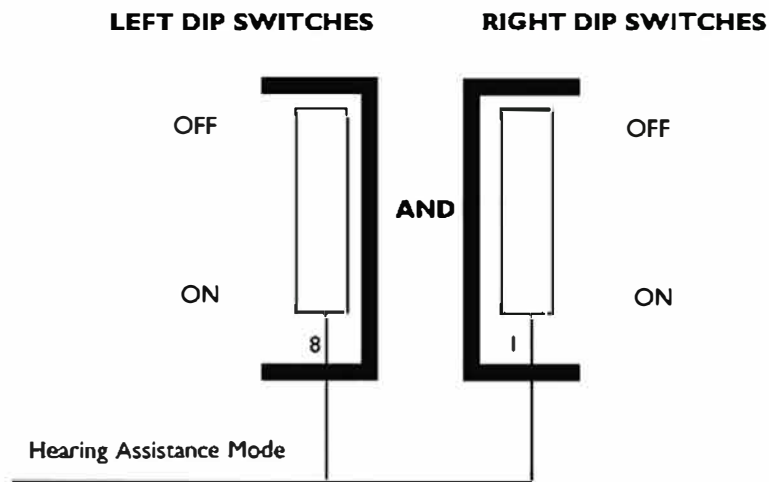
#### All Microphones Hear Audio From the Far End (default)

If an earpiece is plugged into any of the microphones, the user will hear the far end of the audio only. Left DIP switch # 8 and Right DIP switch # 1 are OFF.

#### Hear Audio From Both Far End and Within The Room

If the user needs to hear the audio from both the far end and the other microphones within the room excluding his/hers, he/she must use the microphone paired to Channel 8 (refer to pairing mode) and the Left DIP switch # 8 **AND** the Right DIP switch # 1 must be set to ON. Please note that the Room Out RCA plug will no longer function in this mode; Aux Out will serve as Room Out.

**NOTE: The Fusion system must be powered off and back on for any DIP Switch changes to take effect.**





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## Setting Earpiece Audio

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### Setting Earpiece Audio

#### **All Microphones Hear Audio From the Far End (default)**

If an earpiece is plugged into any of the microphones, the user will hear the far end of the audio only. Left DIP switch # 8 is OFF.

#### **Hear Audio From Both Far End and Within The Room**

If the user needs to hear the audio from both the far end and all of the microphones within the room including his/hers, the Left DIP switch # 8 must be set to ON. Please note that the Room Out RCA plug will no longer function in this mode; Aux Out will serve as Room Out.

**NOTE: The Fusion system must be powered off and back on for any DIP Switch changes to take effect.**

## Chairman Mode

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### Setting the Chairman Mode

#### All microphones share priority status (default)

All microphones share the same priority status whether they are actively being used or not. Right DIP switch # 1 is OFF.

#### One microphone always has priority status

If the user must have immediate priority status when speaking, he/she must use the microphone paired to Channel 8 (refer to pairing mode) and the Right DIP switch # 1 must be set to ON.

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## Increase Echo Cancellation

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### Increasing the Echo Cancellation

#### Normal Echo Cancellation (default)

Echo cancellation settings for normal conference room acoustics. Right DIP switch # 4 is OFF.

#### Increased Echo Cancellation

Echo cancellation settings for difficult conference room acoustics. Right DIP switch # 4 is ON.

**NOTE: The Fusion system must be powered off and back on for any DIP Switch changes to take effect.**



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## Increase Video Conference Gain

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### Increasing the Video Conference Gain

#### **Normal Video Conference Gain (default)**

Conference Gain ("Conf In" and "Conf Out") settings for most video conferencing CODECs. Right DIP switch # 5 is OFF.

#### **Increase Video Conference Gain**

Conference Gain ("Conf In" and "Conf Out") settings increase by 6db for use with some video conferencing CODECs. Right DIP switch # 5 is ON.

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## Increase Hook Flash Duration

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### Increasing the Hook Flash Duration

#### **Hook Flash Duration to work with analog phone lines (default)**

The hook flash duration is 100ms to work with analog phone lines. Right DIP switch # 7 is OFF.

#### **Hook Flash Duration to work with analog PBX switches**

The hook flash duration is 250ms to work with analog PBX switches. Right DIP switch # 7 is ON.

**NOTE: The Fusion system must be powered off and back on for any DIP Switch changes to take effect.**

**Microphones must be fully charged and paired  
to the Fusion Base Station prior to first use.**

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