



ESB-1080

Installation Guide

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1. Introduction

1.1. About the Modes

The ESB-1080 unit has different functions depending on the intended use.

It features two Install Modes: Conference Mode or Hotel Mode, and is started in Conference Mode by default. Refer to this Installation Guide for instructions on the various settings of Conference Mode, as well as changing to Hotel Mode.

1.1.1. Conference Mode

Conference Mode is optimized for installation in business conferences or meeting spaces.

It is used for sound amplification within teleconferencing or video presentations.

Sound processing is optimized for teleconference software applications.

1.1.2. Hotel Mode

Hotel Mode is optimized for installation in guest rooms at hotels.

Other example uses would be within public lobbies or waiting areas.

Sound processing is optimized for listening to TV and movies.

1.2. Setup Text File Creation Tool

The Setup Text File for switching Install Modes and changing settings can be outputted from Setup Text File Creation Tool (ESB_ConferenceHotelMode_Setup.xlsm).

Loading the Setup Text File to this unit allows each Install mode's functions to be customized.

Unzip the downloaded file and use the dedicated tool (ESB_ConferenceHotelMode_Setup.xlsm), included with this Installation Guide in the same folder.

2. Preparation of Setup Text File

2.1. Creating a Setup Text File

To make the desired settings, use the dedicated tool (ESB_ConferenceHotelMode_Setup.xlsm) to create a Setup Text File.

Microsoft Office Excel ® (2007 or later) is required to use this tool.

	A	B	C	D	E	F	G	
1	Conference Mode / Hotel Mode setup file for ESB-1080		rev 0.9					
2	Note: Select or change values only in the cells colored with 							
3	Model							
4	ESB-1080	Description	Range	Value	Command	Parameter	Notes	
5	Mode Setting	Choose Conference Mode or Hotel Mode	[Select from the list]	Conference Mode	CONFERENCE	1		
7	Turn on Volume	Setup a volume level when the unit turns on	0 - 50 "0" = function disabled	20	TONVOLUME	20	When "0", this function is disabled. Change the value in D7 cell	
9	MAX Volume	Setup the max volume. If this level needs to be set at least equal to Turn on Volume or higher	1 - 50	40	MAXVOLUME	40	Change the value in D9 cell	
11	Key Pattern	1: All key disable 2: Vol+/- and Mute keys are enable	[Select from the list]	1. All disable	KEY	1		
13	Surround Mode	Enabling/disabling Surround Mode function	[Select from the list]	DISABLE	SRMODE	DISABLE		
17	Bluetooth Function	Enabling/disabling Bluetooth function	[Select from the list]	ENABLE	BLUETOOTH	ENABLE		
19	Bluetooth Name	Rename the Bluetooth Name as needed. If there's no texts specified here, the default name is assigned	Less than 13 characters with ASCII codes (1-byte character sets)	Room_Number	BTNAME	Room_Number	This setup is invalid when Bluetooth Function is disabled. Change D19 cell to modify the name.	
21	Auto Power Standby	Enabling/disabling Auto Standby function	[Select from the list]	AutoStandby DISABLE	AUTOPOWER	DISABLE		
23	Power Status Backup	Enabling/disabling to memory the power on/off status right before AC power is unplugged and to get it back to the last status again when plugged back	[Select from the list]	Power Status Backup DISABLE	POWERBU	DISABLE		
25	Turn on Input	Setup a default input when turned on	[Select from the list]	HDMI	TONINPUT	HDMI		
26								
27								
28		Setup file contents --- texts below here to be output to a text file. Do not modify this cell.						
29		//ESB-1080 Conference Mode Setup File (rev 0.9)				Output file name:	ROOM000.TXT	
30		CONFERENCE 1						
31		TONVOLUME 20						
32								
33								
34								

Enter the desired settings in the cells in the red frame and click the "Create a Setup Text File" button.

A Setup Text File is created in the same layer folder as this tool.

The file name can be changed simply by changing the 3-digit number part as desired (e.g., ROOM000.TXT, ROOM001.TXT, ROOM999.TXT).

2.2. Copying to USB memory

Copy only one file to the first layer of USB memory for the created Setup Text File.

Do not copy the created Setup Text File in a folder, or put multiple Setup Text Files in the same USB memory.

3. Install Mode Operation

3.1. Changing Install Mode settings

In order to reflect the settings in the unit, it is necessary to re-enter the Install Mode with a USB memory device containing the Setup Text File connected to the [UPDATE ONLY] jack of the unit, after releasing the Install Mode. If you have already released Install Mode, go to step 2.

1. Cancel the Install Mode using the remote control.
 - a. Set the unit to standby mode. Make sure that the main unit LED is not lit.
 - b. Press the remote control's [DIMMER] button, VOLUME [-] button, VOLUME [-] button and [Mute] button in that order within three seconds. Make sure that the main unit indicators light as follows.



2. Connect the USB memory containing the Setup Text File to the [UPDATE ONLY] jack of the unit.
3. Enable the Install Mode by using the remote control.
 - a. Make sure that the unit is in standby status.
 - b. Press the [BASS EXTENSION] button, VOLUME [+] button, VOLUME [+] button and [Mute] button on the remote control in this order within three seconds. Make sure that the indicator lights as shown below and the power to the unit is turned on.



- c. Check that the settings are properly reflected.
 - d. Remove the USB memory device from the [UPDATE ONLY] jack of the unit.

Keep in mind that the Install Mode status is maintained until Install Mode is canceled. Install Mode is maintained even if the electrical outlet is connected or disconnected.

Note

About canceled status of Install Mode

When remote conferencing is not used or the restriction for user operations is not necessary, the unit can be used even when Install Mode is released (e.g., as a sound bar in a surround system). However, optimization of sound processing and functions such as panel lock do not work.

4. Mode Specifications

4.1. Function limitations of remote control in Install Mode

When using the ESB-1080 unit in Conference mode or Hotel mode, some remote control functions are disabled. The table below shows the enabled and disabled functions within these modes:



Button		Conference Mode	Hotel Mode
Power		ENABLED	ENABLED
Input	HDMI	ENABLED	ENABLED
	TV	DISABLED	ENABLED
	ANALOG	ENABLED	ENABLED
	BLUETOOTH	ENABLED/DISABLED	ENABLED/DISABLED
SURROUND		ENABLED/DISABLED	ENABLED
3D SURROUND		ENABLED/DISABLED	ENABLED
INFO		DISABLED	DISABLED
BLUETOOTH STANDBY		ENABLED	ENABLED
SUBWOOFER (+/-)		DISABLED	ENABLED
MUTE		ENABLED	ENABLED
STEREO		ENABLED	ENABLED
CREAR VOICE		DISABLED	ENABLED
DIMMER		ENABLED	ENABLED
BASS EXTENSION		DISABLED	ENABLED
VOLUME (+/-)		ENABLED	ENABLED

 Note

- The ENABLED/DISABLED setting of the BLUETOOTH button conforms to the setting of Bluetooth Function.
- The ENABLED/DISABLED settings of the SURROUND and 3D SURROUND buttons conform to the setting of Surround Mode.

4.2. Conference mode settings

You can change any of the Conference mode settings (below) within the Setup Text File.

Setting items	Description	Default setting
Turn on Volume	Sets the power-on volume in the range of 0 to 50.	20
Max Volume	Sets the maximum volume in the range of 1 to 50.	40
Key Pattern	Sets the front panel key lock. The following two types of key patterns can be selected. 1. Lock all keys. 2. Enable for Volume +/-, Mute key only.	1
Surround Mode	Enables/disables the surround function.	Disable
Bluetooth Function	Enables/disables the Bluetooth function.	Enable
Bluetooth Name	Rename the Bluetooth name.	ESB-1080
Auto Power Standby	Enables/disables the Auto Power Standby function.	Disable
Power Status Back Up	Enables/disables the function for maintaining the power status when the AC cable is disconnected and reconnected.	Disable
Turn on Input	Sets the power-on input. The input can be selected from HDMI, ANALOG, and BLUETOOTH.	HDMI

 Note

- When the Turn on Volume is set to 0, the volume before power off is maintained.
- In Conference mode, we recommend that you disable the surround function (default setting) to maintain the clarity of the conference audio.
- Set the Bluetooth Name using ASCII code (letters, numbers, symbols) within 13 characters.

4.3. Hotel mode settings

You can change any of the Hotel mode settings (below) within the Setup Text File.

Setting items	Description	Default setting
Turn on Volume	Sets the power-on Volume in the range of 0 to 50.	20
Max Volume	Sets the maximum Volume in the range of 1 to 50.	50
Key Pattern	Sets the front panel key lock. The following two types of key patterns can be selected. 1. Enable for Volume +/-. 2. Lock all keys.	1
Bluetooth Function	Enables/disables the Bluetooth function.	Enable
Bluetooth Name	Rename the Bluetooth name.	ESB-1080
Auto Power Standby	Enables/disables the Auto Power Standby function.	Disable
Power Status Back Up	Enables/disables the function for maintaining the power status when the AC cable is disconnected and reconnected.	Disable
Turn on Input	Sets the power-on input. The input can be selected from HDMI, TV, ANALOG, BLUETOOTH.	HDMI

Note

- When Turn on Volume is set to 0, the volume before power off is maintained.
- Set the Bluetooth Name using ASCII code (letters, numbers, symbols) within 13 characters.

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