

# Manual for G4 Remote Control

Manual version: V1.0

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## 1. Product Picture

### 1.1 G4 Remote Control (Model#: SB-IR Remote-HH)



## 1.2 DDP and IR Receiver

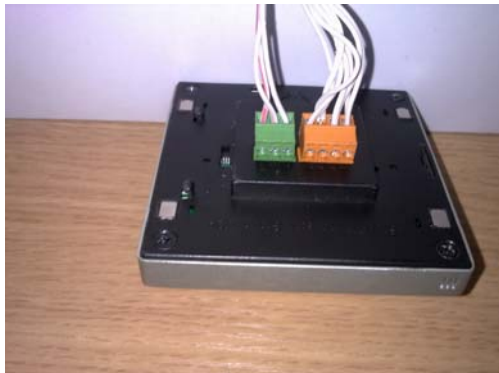
DDP



IR Receiver which is connected to the back of DDP



The backside of DDP, the green connector is for IR Receiver



## 2. Firmware Version needed

the firmware version of DDP needed: Smart G4 DDP Apr 12 2012 V1.39 or above

the firmware version of Z-Audio needed: Smart G4 Z-Audio Apr 18 2012 V1.21 or Above

the Version of Smart Cloud software needed: V13.61 or above

If the version of devices that you have are lower than above version,  
Please upgrade it first.

## 3. Functions Explanation for G4 Remote Control

### 3.1 Lighting Control



#### 3.1.1 ALL OFF

Functions: All Light Off

Programming: It depends on 1<sup>st</sup> command of the configuration of 4 buttons of 1st page on DDP, please see the picture below:

Settings of button 1 of page 1:

Button information			Function configuration of current button						
Button no.	Remark	Mode	Function no.	Subnet ID	Device ID	Type	Parameter 1	Parameter 2	Parameter 3
1		Single on/off	1	1	3	Single channel lighting control	1(Channel no.)	100(Intensity %)	0.0(Run)
2		Single on/off							

Settings of button 2 of page 1:

Button information			Function configuration of current button						
Button no.	Remark	Mode	Function no.	Subnet ID	Device ID	Type	Parameter 1	Parameter 2	Parameter 3
1		Single on/off	1	1	15	Single channel lighting control	1(Channel no.)	0(Intensity %)	0.0(Run)
2		Single on/off							

Settings of button 3 of page 1:

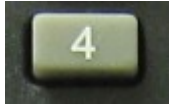


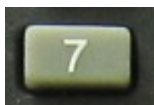

Button information			Function configuration of current button						
Button no.	Remark	Mode	Function no.	Subnet ID	Device ID	Type	Parameter 1	Parameter 2	Parameter 3
1		Single on/off	1	1	56	Single channel lighting control	1(Channel no.)	0(Intensity %)	0.0(Run)
2		Single on/off							
3		Single on/off							

Settings of button 4 of page 1:

Button information			Function configuration of current button						
Button no.	Remark	Mode	Function no.	Subnet ID	Device ID	Type	Parameter 1	Parameter 2	Parameter 3
1		Single on/off	1	1	44	Single channel lighting control	52(Channel no.)	0(Intensity %)	0.0(Run)
2		Single on/off							
3		Single on/off							
4		Single on/off							

#### 3.1.2 Number 1,2,3,4,5,6,7,8

Button name	Picture	Functions
1		Linking to the left side of 1 <sup>st</sup> button
2		Linking to the right side of 1 <sup>st</sup> button
3		Linking to the left side of 2nd button





4		Linking to the right side of 2nd button
5		Linking to the left side of 3rd button
6		Linking to the right side of 3rd button
7		Linking to the left side of 4th button
8		Linking to the right side of 4th button






### 3.1.3 Dimming

Button 1 and button 2 on Remote control are for 1<sup>st</sup> button on DDP,  
 Button 3 and button 4 on Remote Control are for 2<sup>nd</sup> button on DDP,  
 Button 5 and button 6 on Remote Control are for 3<sup>rd</sup> button on DDP,  
 Button 7 and button 8 on Remote Control are for 4<sup>th</sup> button on DDP,




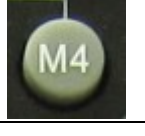

To dim or ramp the light, you can keep pressing the button of number 1-8.

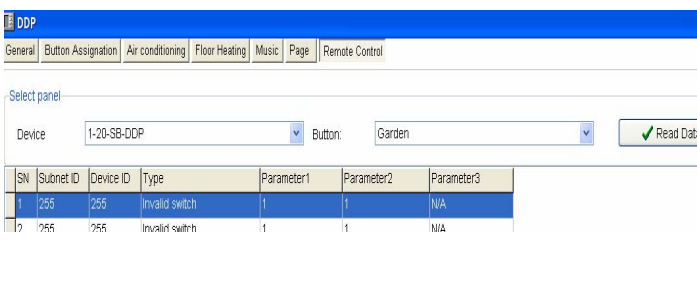

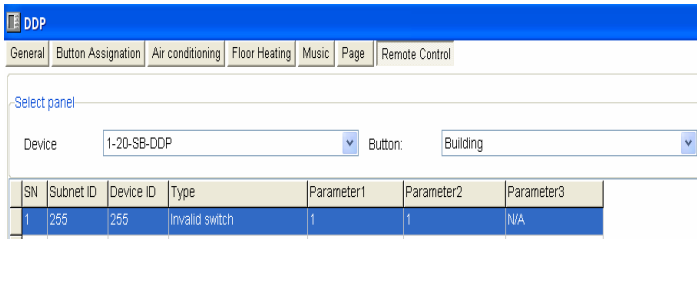

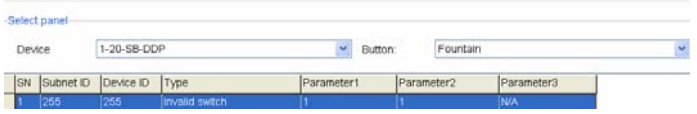

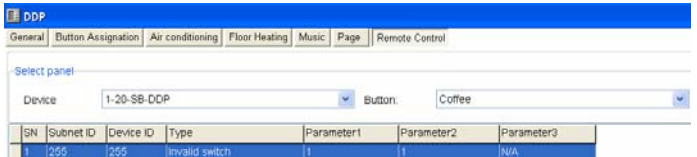
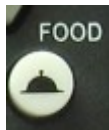
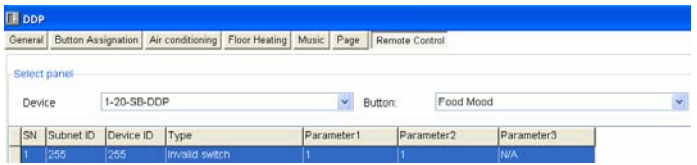
## 3.2 Air Conditioning Control

Button name	Picture	Functions
A/C On/Off		Switch on/off the AC
FAN		Change the AC mode to FAN
DRY		Change the AC mode to DRY
COLD		Change the AC Mode to Cool and set the preset temperature to 20c

<b>COOL</b>		Change the AC Mode to Cool and set the preset temperature to 23c
<b>WARM</b>		Change the AC Mode to Heat and set the preset temperature to 25c
<b>HOT</b>		Change the AC Mode to Heat and set the preset temperature to 27c
<b>LOW/MED/HIGH/AUTO</b>		Change the fan speed
<b>T-, T+</b>		Change the preset temperature


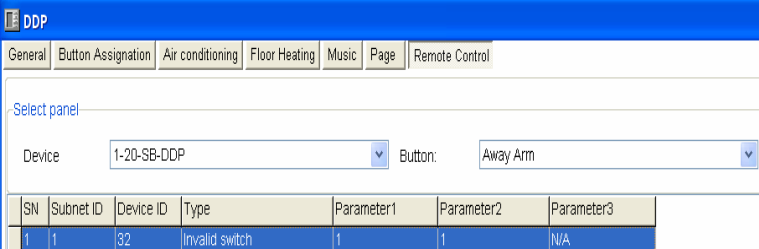

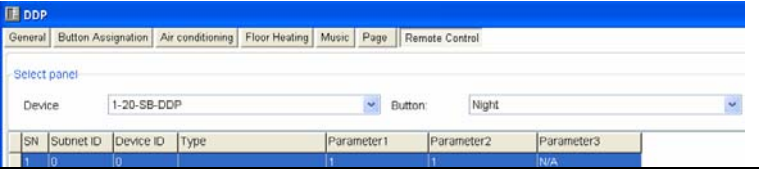



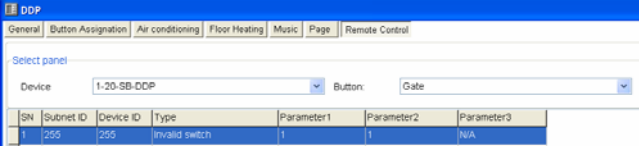
### 3.3 Mood

Button name	Picture	Functions
<b>M1</b>		Linking to 1 <sup>st</sup> button of 3 <sup>rd</sup> page on DDP
<b>M2</b>		Linking to 2nd button of 3 <sup>rd</sup> page on DDP
<b>M3</b>		Linking to 3 <sup>rd</sup> button of 3 <sup>rd</sup> page on DDP
<b>M4</b>		Linking to 4th button of 3 <sup>rd</sup> page on DDP
<b>GARDEN</b>		To program it, go to smart cloud software, go to DDP, please see the picture below:

		 <p>DDP General   Button Assignment   Air conditioning   Floor Heating   Music   Page   Remote Control</p> <p>Select panel</p> <p>Device: 1-20-SB-DDP   Button: Garden   Read Data</p> <table border="1"> <thead> <tr> <th>SN</th> <th>Subnet ID</th> <th>Device ID</th> <th>Type</th> <th>Parameter1</th> <th>Parameter2</th> <th>Parameter3</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>255</td> <td>255</td> <td>Invalid switch</td> <td>1</td> <td>1</td> <td>N/A</td> </tr> <tr> <td>2</td> <td>255</td> <td>255</td> <td>Invalid switch</td> <td>1</td> <td>1</td> <td>N/A</td> </tr> </tbody> </table>	SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3	1	255	255	Invalid switch	1	1	N/A	2	255	255	Invalid switch	1	1	N/A
SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3																	
1	255	255	Invalid switch	1	1	N/A																	
2	255	255	Invalid switch	1	1	N/A																	
<b>BUILDING</b>		<p>To program it, go to smart cloud software, go to DDP, please see the picture below:</p>  <p>DDP General   Button Assignment   Air conditioning   Floor Heating   Music   Page   Remote Control</p> <p>Select panel</p> <p>Device: 1-20-SB-DDP   Button: Building</p> <table border="1"> <thead> <tr> <th>SN</th> <th>Subnet ID</th> <th>Device ID</th> <th>Type</th> <th>Parameter1</th> <th>Parameter2</th> <th>Parameter3</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>255</td> <td>255</td> <td>Invalid switch</td> <td>1</td> <td>1</td> <td>N/A</td> </tr> </tbody> </table>	SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3	1	255	255	Invalid switch	1	1	N/A							
SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3																	
1	255	255	Invalid switch	1	1	N/A																	
<b>FOUNTAIN</b>		<p>To program it, go to smart cloud software, go to DDP, please see the picture below:</p>  <p>Select panel</p> <p>Device: 1-20-SB-DDP   Button: Fountain</p> <table border="1"> <thead> <tr> <th>SN</th> <th>Subnet ID</th> <th>Device ID</th> <th>Type</th> <th>Parameter1</th> <th>Parameter2</th> <th>Parameter3</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>255</td> <td>255</td> <td>Invalid switch</td> <td>1</td> <td>1</td> <td>N/A</td> </tr> </tbody> </table>	SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3	1	255	255	Invalid switch	1	1	N/A							
SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3																	
1	255	255	Invalid switch	1	1	N/A																	
<b>COFFEE</b>		<p>To program it, go to smart cloud software, go to DDP, please see the picture below:</p>  <p>DDP General   Button Assignment   Air conditioning   Floor Heating   Music   Page   Remote Control</p> <p>Select panel</p> <p>Device: 1-20-SB-DDP   Button: Coffee</p> <table border="1"> <thead> <tr> <th>SN</th> <th>Subnet ID</th> <th>Device ID</th> <th>Type</th> <th>Parameter1</th> <th>Parameter2</th> <th>Parameter3</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>255</td> <td>255</td> <td>Invalid switch</td> <td>1</td> <td>1</td> <td>N/A</td> </tr> </tbody> </table>	SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3	1	255	255	Invalid switch	1	1	N/A							
SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3																	
1	255	255	Invalid switch	1	1	N/A																	
<b>FOOD</b>		<p>To program it, go to smart cloud software, go to DDP, please see the picture below:</p>  <p>DDP General   Button Assignment   Air conditioning   Floor Heating   Music   Page   Remote Control</p> <p>Select panel</p> <p>Device: 1-20-SB-DDP   Button: Food Mood</p> <table border="1"> <thead> <tr> <th>SN</th> <th>Subnet ID</th> <th>Device ID</th> <th>Type</th> <th>Parameter1</th> <th>Parameter2</th> <th>Parameter3</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>255</td> <td>255</td> <td>Invalid switch</td> <td>1</td> <td>1</td> <td>N/A</td> </tr> </tbody> </table>	SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3	1	255	255	Invalid switch	1	1	N/A							
SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3																	
1	255	255	Invalid switch	1	1	N/A																	

### 3.4 Security









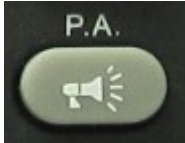
Button name	Picture	Functions
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<p><b>Away ARM</b></p>		<p>To program it, go to smart cloud software, go to DDP, please see the picture below:</p>  <table border="1"> <thead> <tr> <th>SN</th> <th>Subnet ID</th> <th>Device ID</th> <th>Type</th> <th>Parameter1</th> <th>Parameter2</th> <th>Parameter3</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1</td> <td>32</td> <td>Invalid switch</td> <td>1</td> <td>1</td> <td>N/A</td> </tr> </tbody> </table>	SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3	1	1	32	Invalid switch	1	1	N/A
SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3										
1	1	32	Invalid switch	1	1	N/A										
<p><b>Night</b></p>		<p>To program it, go to smart cloud software, go to DDP, please see the picture below:</p>  <table border="1"> <thead> <tr> <th>SN</th> <th>Subnet ID</th> <th>Device ID</th> <th>Type</th> <th>Parameter1</th> <th>Parameter2</th> <th>Parameter3</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0</td> <td>0</td> <td></td> <td>1</td> <td>1</td> <td>N/A</td> </tr> </tbody> </table>	SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3	1	0	0		1	1	N/A
SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3										
1	0	0		1	1	N/A										
<p><b>Panic</b></p>		<p>To program it, go to smart cloud software, go to DDP, please see the picture below:</p>  <table border="1"> <thead> <tr> <th>SN</th> <th>Subnet ID</th> <th>Device ID</th> <th>Type</th> <th>Parameter1</th> <th>Parameter2</th> <th>Parameter3</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1</td> <td>200</td> <td>Zone Audio 2</td> <td>Play Specify Song</td> <td>0</td> <td>2</td> </tr> </tbody> </table> <p>for the detail the settings, please see the below</p> <h3>4. P.A. and Panic Settings</h3> <p><b>To activate panic, keep pressing button PANIC for 3 seconds</b></p>	SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3	1	1	200	Zone Audio 2	Play Specify Song	0	2
SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3										
1	1	200	Zone Audio 2	Play Specify Song	0	2										
<p><b>Gate</b></p>		<p>To program it, go to smart cloud software, go to DDP, please see the picture below:</p>  <table border="1"> <thead> <tr> <th>SN</th> <th>Subnet ID</th> <th>Device ID</th> <th>Type</th> <th>Parameter1</th> <th>Parameter2</th> <th>Parameter3</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>255</td> <td>255</td> <td>Invalid switch</td> <td>1</td> <td>1</td> <td>N/A</td> </tr> </tbody> </table>	SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3	1	255	255	Invalid switch	1	1	N/A
SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3										
1	255	255	Invalid switch	1	1	N/A										

### 3.5 Z-Audio


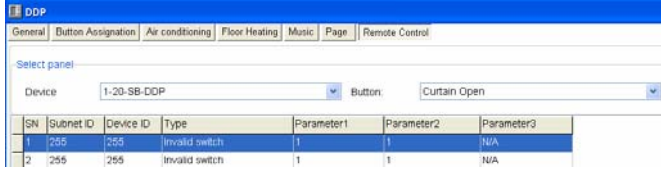

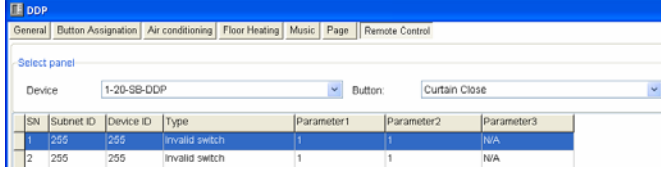

Button name	Picture	Functions
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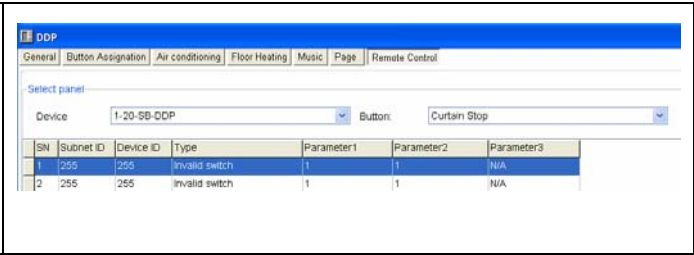


Previous Album		<b>Previous Album/List</b>														
Next Album		<b>Next Album/List</b>														
VOL+		<b>Turn up the volume</b> Keep pressing works for this button														
VOL-		<b>Turn down the volume</b> Keep pressing works for this button														
Previous Song		<b>Previous song of current album</b>														
Next Song		<b>Next Song of current album</b>														
Play/S top		<b>Play or Stop</b>														
Mute		<b>Mute</b>														
P.A.		<p><b>Public Announcement</b></p> <p>Select panel</p> <p>Device: <input type="text" value="1-20-SB-DDP"/> Button: <input type="text" value="PA"/></p> <table border="1"> <thead> <tr> <th>SN</th> <th>Subnet ID</th> <th>Device ID</th> <th>Type</th> <th>Parameter1</th> <th>Parameter2</th> <th>Parameter3</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1</td> <td>200</td> <td>Zone-Audio 2</td> <td>Play Specify Song 0</td> <td></td> <td>1</td> </tr> </tbody> </table> <p>for the detail the settings, please see the below</p>	SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3	1	1	200	Zone-Audio 2	Play Specify Song 0		1
SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3										
1	1	200	Zone-Audio 2	Play Specify Song 0		1										


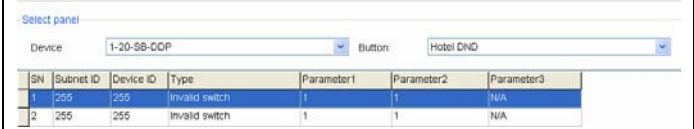

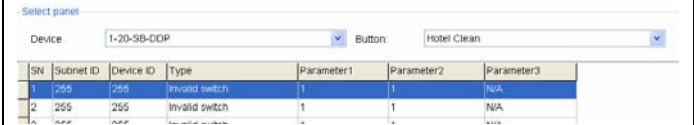

		<h2>4. P.A. and Panic Settings</h2> <p>To activate the P.A, keep pressing the P.A button for 3 seconds</p>
<b>Music Source Changing</b>		<b>Music Source Changing</b> SD: SD Card FM: FM Radio FTP: FTP Server AUX: Audio In

### 3.6 Motor

Button name	Picture	Functions
<b>OPEN</b>		<p>Open the shades</p> <p>To program it, go to smart cloud software, go to DDP, please see the picture below:</p> 
<b>CLOSE</b>		<p>Close the shades</p> <p>To program it, go to smart cloud software, go to DDP, please see the picture below:</p> 
<b>STOP</b>		<p>Stop the shades</p> <p>To program it, go to smart cloud software, go to DDP, please see the picture below:</p>

		 <table border="1"> <thead> <tr> <th>SN</th> <th>Subnet ID</th> <th>Device ID</th> <th>Type</th> <th>Parameter1</th> <th>Parameter2</th> <th>Parameter3</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>255</td> <td>255</td> <td>Invalid switch</td> <td>1</td> <td>1</td> <td>N/A</td> </tr> <tr> <td>2</td> <td>255</td> <td>255</td> <td>Invalid switch</td> <td>1</td> <td>1</td> <td>N/A</td> </tr> </tbody> </table>	SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3	1	255	255	Invalid switch	1	1	N/A	2	255	255	Invalid switch	1	1	N/A
SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3																	
1	255	255	Invalid switch	1	1	N/A																	
2	255	255	Invalid switch	1	1	N/A																	

### 3.7 Service

Button name	Picture	Functions																					
<b>DND</b>		<p>Hotel Service DND</p> <p><b>This function is not yet ready.</b></p> <p>To program it, go to smart cloud software, go to DDP, please see the picture below:</p>  <table border="1"> <thead> <tr> <th>SN</th> <th>Subnet ID</th> <th>Device ID</th> <th>Type</th> <th>Parameter1</th> <th>Parameter2</th> <th>Parameter3</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>255</td> <td>255</td> <td>Invalid switch</td> <td>1</td> <td>1</td> <td>N/A</td> </tr> <tr> <td>2</td> <td>255</td> <td>255</td> <td>Invalid switch</td> <td>1</td> <td>1</td> <td>N/A</td> </tr> </tbody> </table>	SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3	1	255	255	Invalid switch	1	1	N/A	2	255	255	Invalid switch	1	1	N/A
SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3																	
1	255	255	Invalid switch	1	1	N/A																	
2	255	255	Invalid switch	1	1	N/A																	
<b>Clean</b>		<p>Hotel Service Clean</p> <p><b>This function is not yet ready.</b></p> <p>To program it, go to smart cloud software, go to DDP, please see the picture below:</p>  <table border="1"> <thead> <tr> <th>SN</th> <th>Subnet ID</th> <th>Device ID</th> <th>Type</th> <th>Parameter1</th> <th>Parameter2</th> <th>Parameter3</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>255</td> <td>255</td> <td>Invalid switch</td> <td>1</td> <td>1</td> <td>N/A</td> </tr> <tr> <td>2</td> <td>255</td> <td>255</td> <td>Invalid switch</td> <td>1</td> <td>1</td> <td>N/A</td> </tr> </tbody> </table>	SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3	1	255	255	Invalid switch	1	1	N/A	2	255	255	Invalid switch	1	1	N/A
SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3																	
1	255	255	Invalid switch	1	1	N/A																	
2	255	255	Invalid switch	1	1	N/A																	
<b>Laundry</b>		<p>Hotel Service Laundry</p> <p><b>This function is not yet ready.</b></p> <p>To program it, go to smart cloud software, go to DDP, please see the picture below:</p>																					

<b>Food Request</b>		<p><b>Hotel Service Food Request</b>  <b>This function is not yet ready.</b></p> <p>To program it, go to smart cloud software, go to DDP, please see the picture below:</p>

### 3.8 Others

Button name	Picture	Functions
<b>Next Page</b>		Next Page on DDP

## 4. P.A. and Panic Settings

Go to DDP, select tab Remote Controller, select button **PA**

SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3
1	1	200	Zone-Audio 2	Play Specify Song	0	1
2	0	0	Invalid switch	1	1	N/A

Commands Settings:

subnet ID, Device ID: address of Z-Audio

Type: Zone-Audio 2

Parameter 1: Play Specify Song

Parameter 2: 0 (**always**), it is special folder

Parameter 3: MP3 file ID

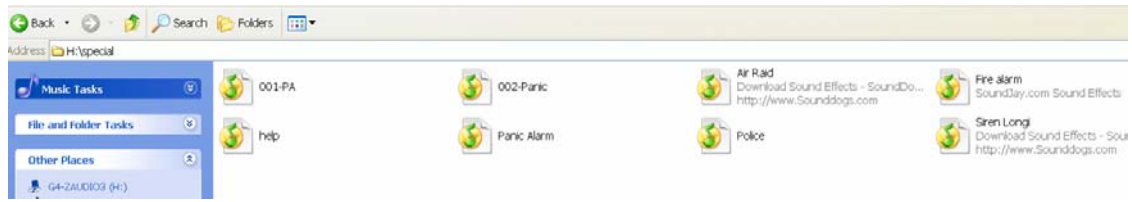
you need to put mp3 file under Special folder on SD card which located in Z-Audio,

And you must name these mp3 files as below:

001-PA.mp3 (the file name must start by 3 digit, number can be 001-254)

002-Panic.mp3

the following is the files under folder Special on SD Card.



So the settings of PA will be like the following

DDP

General | Button Assignment | Air conditioning | Floor Heating | Music | Page | Remote Control

Select panel

Device: 1-20-SB-DDP Button: PA

SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3
1	1	200	Zone-Audio 2	Play Specify Song	0	1
2	0	0	Invalid switch	1	1	N/A

So the settings of Panic will be like the following

DDP

General | Button Assignment | Air conditioning | Floor Heating | Music | Page | Remote Control

Select panel

Device: 1-20-SB-DDP Button: Panic

SN	Subnet ID	Device ID	Type	Parameter1	Parameter2	Parameter3
1	1	200	Zone-Audio 2	Play Specify Song	0	2
2	0	0		1	1	N/A

To activate the PA or Panic function, keep pressing the Panic button or PA button on G4 Remote control for 3 seconds.