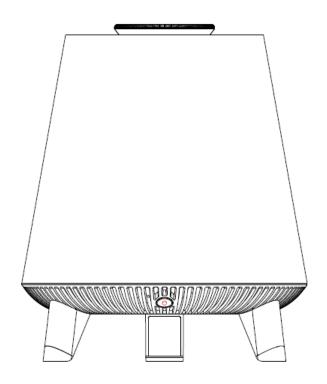
# MANIWAY SMART LAMP SPEAKER

# **Instruction Manual**



PLEASE READ BEFORE OPERATING THIS EQUIPMENT.

Model: MW-L1

Bluetooth®

#### IMPORTANT SAFETY INSTRUCTIONS

When used in the directed manner, this unit has been designed and manufactured to ensure your personal safety.

However, improper use can result in potential electrical shock or fire hazards. Please read all safety and operating instructions carefully before installation and use, and keep these instructions handy for future reference. Take special note of all warnings listed in these instructions and on the unit.

#### **Water and Moisture**

The unit should not be used near water. For example: near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool or in a set basement.

#### Ventilation

The unit should be situated so that its location or position does not interfere with its proper ventilation. For example, it should not be situated on a bed, sofa, rug or similar surface that may block the ventilation openings. Also, it should not be placed in a built-in installation, such as a bookcase or cabinet, which may impede the flow of air through the ventilation openings.

#### Heat

The unit should be situated away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.

#### **Power Source**

The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

#### **Power Cord Protection**

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. It is always best to have a clear area from where the cord exits the unit to where it is plugged into an AC outlet.

#### Cleaning

The unit should be cleaned only as recommended. Object and Liquid Entry Care should be taken so that objects do not fall and liquids are not spilled into any openings or vents located on the product.

#### **Attachments**

Do not use attachments not recommended by the product manufacturer.

#### **Lightning and Power Surge Protection**

Unplug the unit from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

#### Overloading

Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire of electric shock.

#### **Damage Requiring Service**

This unit should be serviced by qualified service personnel when:

The power supply cord or plug has been damaged.

Objects have fallen into or liquid has been spilled into the enclosure.

The unit has been dropped or the enclosure damaged.

The unit exhibits a marked change in performance or does not operate normally.

#### **Periods of Nonuse**

If the unit is to be left unused for an intended period of time, such as a month or longer, the power cord should be unplugged from the unit to prevent damage or corrosion.

#### Servicing

The user should not attempt to service the unit beyond those methods described in the user's operating instructions.

Service methods not covered in the operating instructions should be referred to qualified service personnel.

#### **PACKAGE CONTENTS**

1 x LED Bluetooth Speaker

1 x AC-DC Adapter

1 x 3.5mm Audio Cable

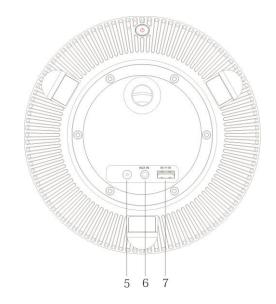
1 x Instruction Manual

# **LOCATION OF CONTROLS**

# **Front View**



# **Bottom View**



# **Top View**



#### 1. LED/Volume control button

- a. Short tap this button continously to change the color of LED light, then rotate it within 2 seconds to adjust brightness of the light.
- b. In Bluetooth playback mode: rotate it to adjust the volume, press and hold this button (> 2 seconds) to play/pause current playback.
- © c. In Bluetooth mode: when receiving an incoming call on your cell phone, tap this button once to answer the phone, tap this button again to end the call.
- 2. Lamp shade
- 3. Built-in microphone
- 4. U Power On/Off button

Press and hold this button to turn the unit On or Off.

Short press to switch on/off the light during power on mode.

- 5. DC Jack(12V, 1.5A)
- 6. Aux-in Jack
- 7. USB charging socket (Output: 5V,1A)
- 8. Operating mode indicator

# Start-Up of the Device/Introduction

Choose a suitable location for the device. Suitable would be a dry, level, non-slip surface. CAUTION:

Do not carry the device by the control knob!

# **Power Supply**

The unit is powered by an external AC-DC power adapter with an output of 12V DC / 1.5A (included).

- 1. Make sure the grid voltage corresponds to the figures on the rating plate.
- 2. Connect the device with the plug connector by inserting its plug into the "DC 12V" jack of the device.
- 3. Insert the grid plug into a properly installed three prong socket.

#### **CAUTION:**

Only use the supplied power adaptor for this device. Do not use for other devices. Only use power adaptor with 12V  $(\Theta - \bullet )$  other adaptors may cause damage to the device.

#### NOTE:

Disconnect from mains power supply during longer periods of non-use.

# **USB Charging Socket**

You can charge your smartphone through this jack. Use the USB cable of your smartphone for the connection.

#### NOTE:

- -Due to the different smartphone types that are offered today, and their different charging capacities, the loading duration is dependent on the smartphone used and its operating condition.
- -Due to the design only a power supply of 1A can be ensured. Devices such as tablets PCs that need charging currents of up to 2500mA, cannot be charged.
- -A playback of audio-files through this connector is not possible

## **App Information:**

You can also download the appropriate app to this device on your smartphone or tablet PC. The app gives you additional control options (amongst others, 3 alarm times and a sleep timer).

The Link app is available for android and iOS. Scan the corresponding QR code to go directly to the download.

NOTE: Depending on the provider, downloading the app may require payment.





Google Play

App Store

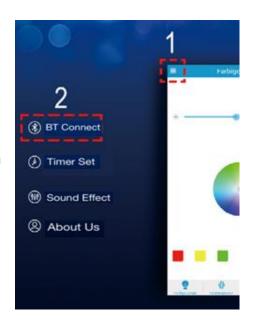
# **Important Note for Operation via App**

Once you are connected as described in the chapter "Playing Back Music Files" "Wireless via Bluetooth" you must connect the app with the device.

- 1. Open the app.
- 2.Click on the icon menu (1).
- 3. Select the menu item for the Bluetooth connection(2).
- 4. Should the device not appear in the list, click the search



- 5.Connect the app with the device by clicking on "AKBT80 Light".
- 6. Now you can operate the device using the app.



# **Basic Operation**

- 1.Turn on the unit by pressing and hold the  $\bigcirc$  button on the bottom of the unit,the LED light will be on,meanwhile, the **Operating mode indicator** will flash in blue
- 2. Short tap the **LED/Volume control button** once, then rotate it to adjust brightness of the LED light.
- 3. Short tap the **LED/Volume control button** continously to change the color of LED light in the following cyclical manner:

White—> Warm White—> Green—> Cyan—> Purple—> Blue—> Color Auto change

- 4. Short press the  $\bigcirc$  button on the to switch off/on the LED light
- 5. Press and hold the  $\bigcirc$  button to turn the unit off.

#### OPERATING THE SPEAKER IN BLUETOOTH MODE

This device offers you the possibility to use a Bluetooth enabled device. The functional radius is limited to approx.10 metres depending on the surroundings and the unit used. Due to the different device manufacturers, models, and software versions, a full functionality cannot be guaranteed.

# Pairing (Linking) A Bluetooth Enabled Cell Phone or Other Bluetooth Enabled Device To The Speaker

If the speaker has never been paired with a Bluetooth device before, you need to follow the pairing instructions below to link the speaker with your Bluetooth device.

- **1.** When the speaker is turned on, the Operating mode Indicator flashes in blue. The speaker is ready to pair (link) with your Bluetooth device.
- 2. Activate Bluetooth on the compatible device, and set it to search for compatible devices.
- 3. Select the speaker name: "MW-L1" from the list of found devices.

Tips: Only one playback unit can be connected to the speaker. If the speaker is already connected to another playback unit, the speaker will not appear in the BT selection list.

- **4.** If your device asks for a passkey (depending on the device manufacturers, model, and software version), then enter digits "0000" (four zeros) and press OK.
- **5.** If pairing has been carried out successfully, a beep sound is heard, meanwhile, the Blue colour indicator stops flashing.

# If the speaker has been paired with the Bluetooth device before, you need to follow the pairing instructions below to link the speaker with your Bluetooth device.

- 1. After turning on the speaker, the speaker will search for the last paired device. The operating mode indicator will flash in blue. If the unit finds the paired Bluetooth device, a beep sound is heard and operating mode indicator will keep in blue and stop flashing.
- **2.** After successfully pairing (linking), you can begin playing music from your Bluetooth device wirelessly to the speaker.

- Rotate the LED/Volume control button to adjust the volume to adjust to the desired volume level, while the volume level reaches its maximum level, a "di" sound will be heard.
- **4.** Press and hold the **LED/Volume control button** for 2 seconds to play/pause current playback.
- **5.** To stop the unit, press and hold the  $\bigcirc$  button to turn the unit off.

#### **NOTES:**

- To be able to transfer audio data, Bluetooth needs to stay activated in your player,
   observe the operation manual of your player.
- If a mobile phone on which you are playing music receives a call, the music will be interrupted. The sound however is not played back via the speaker. After you have ended the call, the devices are connected to each other again and playback continues.
- The player will be disconnected when your device is moved beyond the operational range.

  If you want to reconnect your device to this player, place it within the operational range.
- If the device is moved beyond the operational range, when it is brought back, please check if the device is still connected to the player.
- If the connection is lost, follow the instructions above to pair your device to the player again.

#### Using the Unit as a Hands-free Bluetooth Speakerphone

- 1. Link your cell phone to the LED speaker via Bluetooth as described above.
- 2. When receiving an incoming call on your cell phone, short tap the LED / Volume control button on the unit to switch the incoming call from cell phone to the speaker. Complete your call using the built-in microphone and speaker.
- 3. Adjust the volume control of your cell phone to obtain the desired sound level.
- 4. To end the call, just tap the **LED / Volume control button** again, the call will end. If you were playing music from your cell phone to the speaker before answering the call, the music will automatically resume playing when you hang up.

#### **OPERATING THE SPEAKER IN AUX-IN MODE**

If you are using an iPod, MP3/MP4 player or other mobile phone which cannot connect this unit via Bluetooth directly, you can still play it on the speaker via an audio connecting cable.

- **1.** Plug one end of the 3.5mm audio cable (included) into the headphone or line out jack on your player; plug the other end of cable into the unit AUX-IN jack of the speaker.
- **2.** Turn on the external audio source and play your device.
- 3. Press and hold the  $\circlearrowleft$  button to turn on the unit, the operating mode indicator will light up in Red.
- **4.** The volume level can now be controlled through the main unit. Operate all other functions on the external device as usual.

#### **Notes:**

- 1. If you're connected to the Line out Jack of your external device, then you only need to adjust the volume control of this speaker. If you're connected to the Headphone Jack of your external device, then you may need to adjust both the volume control of your external device and the volume control of this unit to find the most desirable volume setting.
- 2. Press the Power ON/OFF button to turn off the unit when you finish listening.
- **3.** Don't forget to switch off the power of your external device as well.

## **Troubleshooting Guide**

Should you experience difficulties in the use of this player, please refer to the following chart.

Fault	Cause	Solution
Unit cannot be operated.	Unit crashes and "hangs"	Disconnect from the mains for around 5 seconds. Then switch the unit on again.
No audio signal via the Bluetooth connection	Speaker is not paired to the audio source.	Check whether a connection exists. If necessary, pair the speaker again to the audio source.
	Volume too low	Increase the volume on the speaker
		Increase the volume on the audio source.
Speaker cannot be connected	Pairing does not work	Check whether the audio source supports the A2DP protocol
	Audio source is switched off	Switch on the audio source
	Bluetooth is switched off at the audio source.	Switch on the Bluetooth function in the audio source.
	Bluetooth version is not supported.	Use a different playback unit.
Poor sound quality from a Bluetooth® device	Bluetooth device is almost out of range of the LED speaker	Move your Bluetooth device closer to the LED speaker

# **Specification**

Dower adapter (included)	Input AC 100-240V ~ 50/60Hz	
Power adaptor (included)	Output DC 12V1.5A	
Power Consumption	19W	
Standby Power Consumption	<0.5W	
Output Power(RMS)	10W	
Frequency Response	40Hz-18KHz	
Signal to Noise Ratio (SNR)	> 80dB	
Bluetooth Version	V 4.0	
Bluetooth operation range	Up to 10 metres, straight line distance and no obstacles	
LED Numbers	18 (White)/18 (Warm White)/ 9 (RGB)	
Working Temperature	0°C~ +35°C	
Working Humidity	20%~80%	

The right to make technical and design modifications in the course of continuous product development remains reserved.

This device has been tested according to all relevant current CE guidelines, such as electromagnetic compatibility and low voltage directives, and has been constructed in accordance with the latest safety regulations.



NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

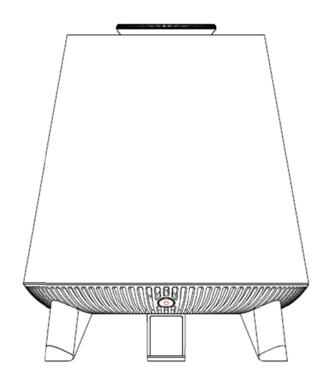
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- -- Reorient or relocate the receiving antenna.
- -- Increase the separation between the equipment and receiver.
- -- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- -- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

# AM Lifestyles LUMIN, Portable LED Bluetooth Speaker

# **Instruction Manual**



PLEASE READ BEFORE OPERATING THIS EQUIPMENT.

Model: AL-LMGR

Bluetooth®

#### IMPORTANT SAFETY INSTRUCTIONS

When used in the directed manner, this unit has been designed and manufactured to ensure your personal safety.

However, improper use can result in potential electrical shock or fire hazards. Please read all safety and operating instructions carefully before installation and use, and keep these instructions handy for future reference. Take special note of all warnings listed in these instructions and on the unit.

#### **Water and Moisture**

The unit should not be used near water. For example: near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool or in a set basement.

#### Ventilation

The unit should be situated so that its location or position does not interfere with its proper ventilation. For example, it should not be situated on a bed, sofa, rug or similar surface that may block the ventilation openings. Also, it should not be placed in a built-in installation, such as a bookcase or cabinet, which may impede the flow of air through the ventilation openings.

#### Heat

The unit should be situated away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.

#### **Power Source**

The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

#### **Power Cord Protection**

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. It is always best to have a clear area from where the cord exits the unit to where it is plugged into an AC outlet.

#### Cleaning

The unit should be cleaned only as recommended. Object and Liquid Entry Care should be taken so that objects do not fall and liquids are not spilled into any openings or vents located on the product.

#### **Attachments**

Do not use attachments not recommended by the product manufacturer.

#### **Lightning and Power Surge Protection**

Unplug the unit from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

#### Overloading

Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire of electric shock.

#### **Damage Requiring Service**

This unit should be serviced by qualified service personnel when:

The power supply cord or plug has been damaged.

Objects have fallen into or liquid has been spilled into the enclosure.

The unit has been dropped or the enclosure damaged.

The unit exhibits a marked change in performance or does not operate normally.

#### **Periods of Nonuse**

If the unit is to be left unused for an intended period of time, such as a month or longer, the power cord should be unplugged from the unit to prevent damage or corrosion.

#### Servicing

The user should not attempt to service the unit beyond those methods described in the user's operating instructions.

Service methods not covered in the operating instructions should be referred to qualified service personnel.

#### **PACKAGE CONTENTS**

1 x LED Bluetooth Speaker

1 x AC-DC Adapter

1 x 3.5mm Audio Cable

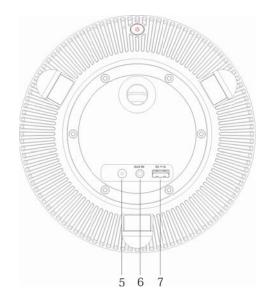
1 x Instruction Manual

# **LOCATION OF CONTROLS**

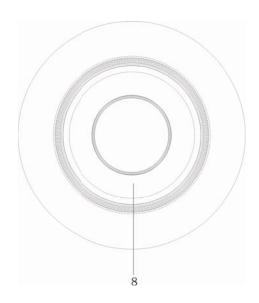
# **Front View**



# **Bottom View**



# **Top View**



#### 1. LED/Volume control button

- a. Short tap this button continuously to change the color of LED light, then rotate it within 2 seconds to adjust brightness of the light.
- b. In Bluetooth playback mode: rotate it to adjust the volume, press and hold this button (> 2 seconds) to play/pause current playback.
- © c. In Bluetooth mode: when receiving an incoming call on your cell phone, tap this button once to answer the phone, tap this button again to end the call.
- 2. Lamp shade
- 3. Built-in microphone
- 4. U Power On/Off button

Press and hold this button to turn the unit On or Off.

Short press to switch on/off the light during power on mode.

- 5. DC Jack(12V, 1.5A)
- 6. Aux-in Jack
- 7. USB charging socket (Output: 5V,1A)
- 8. Operating mode indicator

# Start-Up of the Device/Introduction

Choose a suitable location for the device. Suitable would be a dry, level, non-slip surface. CAUTION:

Do not carry the device by the control knob!

# **Power Supply**

The unit is powered by an external AC-DC power adapter with an output of 12V DC / 1.5A (included).

- 1. Make sure the grid voltage corresponds to the figures on the rating plate.
- 2. Connect the device with the plug connector by inserting its plug into the "DC 12V" jack of the device.
- 3. Insert the grid plug into a properly installed three prong socket.

#### **CAUTION:**

Only use the supplied power adaptor for this device. Do not use for other devices. Only use power adaptor with 12V ( $\Theta$ - $\bullet$ - $\bullet$ ) other adaptors may cause damage to the device.

#### NOTE:

Disconnect from mains power supply during longer periods of non-use.

# **USB Charging Socket**

You can charge your smartphone through this jack. Use the USB cable of your smartphone for the connection.

#### NOTE:

- -Due to the different smartphone types that are offered today, and their different charging capacities, the loading duration is dependent on the smartphone used and its operating condition.
- -Due to the design only a power supply of 1A can be ensured. Devices such as tablets PCs that need charging currents of up to 2500mA, cannot be charged.
- -A playback of audio-files through this connector is not possible

## **App Information:**

You can also download the appropriate app to this device on your smartphone or tablet PC. The app gives you additional control options (amongst others, 3 alarm times and a sleep timer).

The PiLink app is available for android and iOS. Scan the corresponding QR code to go directly to the download.

NOTE: Depending on the provider, downloading the app may require payment.



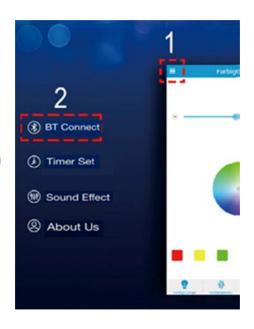
# **Important Note for Operation via App**

Once you are connected as described in the chapter "Playing Back Music Files" ("Wireless via Bluetooth" you must connect the app with the device.

- 1. Open the app.
- 2.Click on the icon menu (1).
- 3. Select the menu item for the Bluetooth connection(2).
- 4. Should the device not appear in the list, click the search



- 5.Connect the app with the device by clicking on "AKBT80 Light".
- 6. Now you can operate the device using the app.



# **Basic Operation**

- 1.Turn on the unit by pressing and hold the 1 button on the bottom of the unit,the LED light will be on,meanwhile, the **Operating mode indicator** will flash in blue
- 2. Short tap the **LED/Volume control button** once, then rotate it to adjust brightness of the LED light.
- 3. Short tap the **LED/Volume control button** continously to change the color of LED light in the following cyclical manner:

White—> Warm White—> Green—> Cyan—> Purple—> Blue—> Color Auto change

- 4. Short press the  $\bigcirc$  button on the to switch off/on the LED light
- 5. Press and hold the  $\bigcirc$  button to turn the unit off.

#### OPERATING THE SPEAKER IN BLUETOOTH MODE

This device offers you the possibility to use a Bluetooth enabled device. The functional radius is limited to approx.10 metres depending on the surroundings and the unit used. Due to the different device manufacturers, models, and software versions, a full functionality cannot be guaranteed.

# Pairing (Linking) A Bluetooth Enabled Cell Phone or Other Bluetooth Enabled Device To The Speaker

If the speaker has never been paired with a Bluetooth device before, you need to follow the pairing instructions below to link the speaker with your Bluetooth device.

- 1. When the speaker is turned on, the Operating mode Indicator flashes in blue. The speaker is ready to pair (link) with your Bluetooth device.
- 2. Activate Bluetooth on the compatible device, and set it to search for compatible devices.
- 3. Select the speaker name: "AL-LMGR" from the list of found devices.

Tips: Only one playback unit can be connected to the speaker. If the speaker is already connected to another playback unit, the speaker will not appear in the BT selection list.

- **4.** If your device asks for a passkey (depending on the device manufacturers, model, and software version), then enter digits "0000" (four zeros) and press OK.
- **5.** If pairing has been carried out successfully, a beep sound is heard, meanwhile, the Blue colour indicator stops flashing.

# If the speaker has been paired with the Bluetooth device before, you need to follow the pairing instructions below to link the speaker with your Bluetooth device.

- 1. After turning on the speaker, the speaker will search for the last paired device. The operating mode indicator will flash in blue. If the unit finds the paired Bluetooth device, a beep sound is heard and operating mode indicator will keep in blue and stop flashing.
- **2.** After successfully pairing (linking), you can begin playing music from your Bluetooth device wirelessly to the speaker.

- 3. Rotate the LED/Volume control button to adjust the volume to adjust to the desired volume level, while the volume level reaches its maximum level, a "di" sound will be heard.
- **4.** Press and hold the **LED/Volume control button** for 2 seconds to play/pause current playback.
- **5.** To stop the unit, press and hold the  $\bigcirc$  button to turn the unit off.

#### **NOTES:**

- To be able to transfer audio data, Bluetooth needs to stay activated in your player,
   observe the operation manual of your player.
- If a mobile phone on which you are playing music receives a call, the music will be interrupted. The sound however is not played back via the speaker. After you have ended the call, the devices are connected to each other again and playback continues.
- The player will be disconnected when your device is moved beyond the operational range.

  If you want to reconnect your device to this player, place it within the operational range.
- If the device is moved beyond the operational range, when it is brought back, please check if the device is still connected to the player.
- If the connection is lost, follow the instructions above to pair your device to the player again.

#### Using the Unit as a Hands-free Bluetooth Speakerphone

- 1. Link your cell phone to the LED speaker via Bluetooth as described above.
- 2. When receiving an incoming call on your cell phone, short tap the LED / Volume control button on the unit to switch the incoming call from cell phone to the speaker. Complete your call using the built-in microphone and speaker.
- 3. Adjust the volume control of your cell phone to obtain the desired sound level.
- 4. To end the call, just tap the **LED / Volume control button** again, the call will end. If you were playing music from your cell phone to the speaker before answering the call, the music will automatically resume playing when you hang up.

#### OPERATING THE SPEAKER IN AUX-IN MODE

If you are using an iPod, MP3/MP4 player or other mobile phone which cannot connect this unit via Bluetooth directly, you can still play it on the speaker via an audio connecting cable.

- **1.** Plug one end of the 3.5mm audio cable (included) into the headphone or line out jack on your player; plug the other end of cable into the unit AUX-IN jack of the speaker.
- 2. Turn on the external audio source and play your device.
- 3. Press and hold the  $\circlearrowleft$  button to turn on the unit, the operating mode indicator will light up in Red.
- **4.** The volume level can now be controlled through the main unit. Operate all other functions on the external device as usual.

#### Notes:

- 1. If you're connected to the Line out Jack of your external device, then you only need to adjust the volume control of this speaker. If you're connected to the Headphone Jack of your external device, then you may need to adjust both the volume control of your external device and the volume control of this unit to find the most desirable volume setting.
- 2. Press the Power ON/OFF button to turn off the unit when you finish listening.
- **3.** Don't forget to switch off the power of your external device as well.

# **Troubleshooting Guide**

Should you experience difficulties in the use of this player, please refer to the following chart.

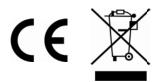
Fault	Cause	Solution
Unit cannot be operated.	Unit crashes and "hangs"	Disconnect from the mains for around 5 seconds. Then switch the unit on again.
No audio signal via the Bluetooth connection	Speaker is not paired to the audio source.	Check whether a connection exists. If necessary, pair the speaker again to the audio source.
	Volume too low	Increase the volume on the speaker
		Increase the volume on the audio source.
Speaker cannot be connected	Pairing does not work	Check whether the audio source supports the A2DP protocol
	Audio source is switched off	Switch on the audio source
	Bluetooth is switched off at the audio source.	Switch on the Bluetooth function in the audio source.
	Bluetooth version is not supported.	Use a different playback unit.
Poor sound quality from a Bluetooth® device	Bluetooth device is almost out of range of the LED speaker	Move your Bluetooth device closer to the LED speaker

# **Specification**

Dower adapter (included)	Input AC 100-240V ~ 50/60Hz	
Power adaptor (included)	Output DC 12V=1.5A	
Power Consumption	19W	
Standby Power Consumption	<0.5W	
Output Power(RMS)	10W	
Frequency Response	40Hz-18KHz	
Signal to Noise Ratio (SNR)	> 80dB	
Bluetooth Version	V 4.0	
Bluetooth operation range	Up to 10 metres, straight line distance and no obstacles	
LED Numbers	18 (White)/18 (Warm White)/ 9 (RGB)	
Working Temperature	0°C~ +35°C	
Working Humidity	20%~80%	

The right to make technical and design modifications in the course of continuous product development remains reserved.

This device has been tested according to all relevant current CE guidelines, such as electromagnetic compatibility and low voltage directives, and has been constructed in accordance with the latest safety regulations.



NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- -- Reorient or relocate the receiving antenna.
- -- Increase the separation between the equipment and receiver.
- -- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- -- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.