



PROCOM Atlasloud Digital Wireless Intercom User Manual

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PROCOM

PROCOM Atlasloud Digital Wireless Intercom



Product Information: Atlas Loud Mouth Digital Wireless Intercom

Specifications

- Identification Code: Shown below
- Company Name: Manufacturer/Country
- Date of Manufacturing: Marked Separately
- Model Name: Shown Below
- Input Rating: Shown Below
- Date of Manufacture: Separately Shown

Introduction



Function

The Atlas Loud Mouth Digital Wireless Intercom has the following functions:

- **Power:** Power on and off with the PWR button. The device will automatically turn off after being in standby mode for half an hour to save power.
- **Volume Setting:** Adjust the volume level from 0 to 8. Volume level 0 means no audio volume.
- **Channel Setting:** Set the channel number for communication. Choose between Channel 1 and Channel 6. Ensure that there is one Master Device for group communication.
- **Mic Level:** Adjust the Microphone Volume level for clearer voice transmission. Set it according to your voice level.

Power

To power on the Atlas Loud Mouth Digital Wireless Intercom, press and hold the PWR button for 2 seconds. To power off, press and hold the PWR button again.

Note: If the device is left in standby mode for half an hour, it will automatically turn off for power-saving purposes.

Volume Setting

To adjust the volume level, use the Volume Up and Volume Down buttons. The volume level ranges from 0 to 8, with 0 indicating no audio volume.

Channel Setting

When communicating with other devices, it is important to set the same channel number. Follow these steps to set the channel:

1. Choose between Channel 1 and Channel 6.
2. Press the Channel Up or Down button to select a channel number.

Note: If there are multiple communication groups in the same channel nearby, set the channel number different from other groups to avoid potential interference. Also, ensure that there is one Master Device for group communication.

Mic Level

You can adjust the Microphone Volume level for clearer voice transmission. Set the level depending on your voice level.

How to Reset in Case of Malfunction

If you experience a malfunction with the Atlas Loud Mouth Digital Wireless Intercom, follow these steps to reset it:

1. Turn off the power.
2. Contact our customer service center for assistance.

How to Charge

To charge the Atlas Loud Mouth Digital Wireless Intercom, use only the provided charger and cable. Using a third-party charger may cause explosion, fire, or malfunction. Follow these steps to charge:

1. Connect the charger to the charging port located on the bottom of the device.
2. Ensure that the charging LED is turned on, indicating that the device is charging.
3. Wait for the device to fully charge before disconnecting the charger.

FAQ

• **Q: Can I put sharp, hard materials into the connector hole of the Atlas Loud Mouth Digital Wireless Intercom?**

A: No, it is not recommended to put sharp, hard materials into the connector hole as it may cause damage to the product.

• **Q: Can I repair the Atlas Loud Mouth Digital Wireless Intercom myself?**

A: No, it is advised not to put apart or repair the product yourself. For any issues or malfunctions, contact our customer service center.

• **Q: Can I leave the Atlas Loud Mouth Digital Wireless Intercom in a vehicle in extreme weather conditions?**

A: No, it is not recommended to leave the device in a vehicle in hot or cold weather as it may result in deformation or malfunction.

• **Q: Can I use a third-party charger to charge the Atlas Loud Mouth Digital Wireless Intercom?**

A: No, it is advised to use only the provided charger and cable for charging. Using a third-party charger may cause explosion, fire, or malfunction.

• **Q: What should I do if I smell something like smoke from the Atlas Loud Mouth Digital Wireless Intercom?**

A: Immediately stop using the device and contact our customer service center for further assistance.

• **Q: Can I use third party's components with the Atlas Loud Mouth Digital Wireless Intercom?**

A: No, it is recommended not to use third party's components as it may cause breakdown or malfunction.

• **Q: What should I do if dirt slips into the Atlas Loud Mouth Digital Wireless Intercom?**

A: Clean the product with a soft cloth regularly to prevent any decline in quality.

• **Q: What should I do if the Atlas Loud Mouth Digital Wireless Intercom submerges under water?**

A: Do not put apart or repair it yourself. Turn off the power and contact our customer service center for assistance.

Caution

- Atlas LM operates in the license-free 900MHz ISM band.
- Atlas LM subject to the Rules and Regulations of the FCC.
- This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY

- APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID
- THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

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

- Do not put sharp, hard materials into the connector hole when using this product.
- Do not put apart or repair Atlas LM yourself.
- Do not leave Atlas LM in a vehicle in hot or cold weather.
- Leaving Atlas LM in a closed area for a long period of time may result in deformation or malfunction of this product.
- For charging use only the provided charger & cable. Using a third party charger may cause explosion, fire or malfunction.
- Stop using Atlas LM immediately if you smell something like smoke from this.
- Stop using Atlas LM immediately when exposed to risk of fire and call the customer center and consult if you

can use Atlas loud at the environment.

- Please do not use third party's components.
- If you use a third party component, it could cause breakdown or malfunction.
- Be careful not to apply strong pressure on this product, which may cause breakdown or damage to the product.
- If dirt slips in, the quality could decline, so make sure to clean the product with soft cloth often.
- If Atlas loud submerges under water, don't put apart or repair it yourself. Please turn the power off and call our customer service center.

Certification

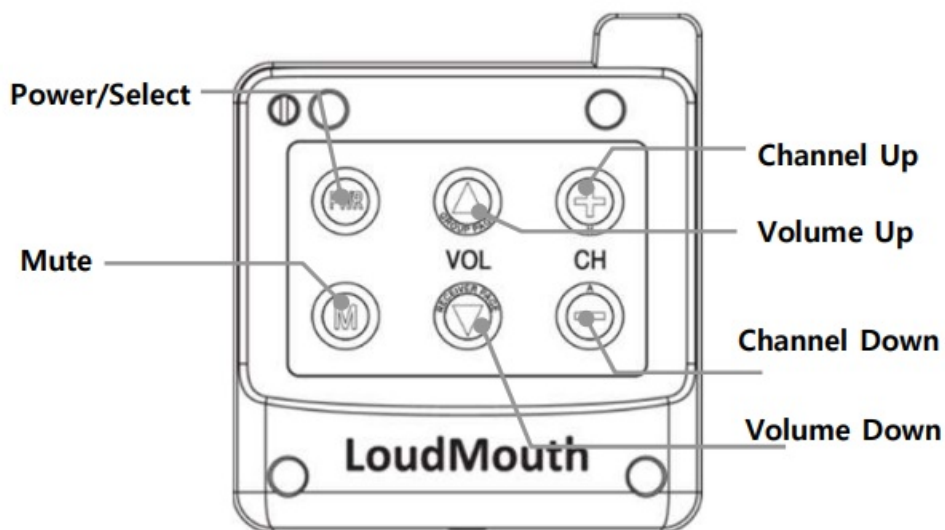
- Identification Code : Shown below
- Company Name:
- Manufacturer/Country:
- Date of manufacturing: Marked
- Separately
- Model Name: Shown Below
- Input Rating: Shown Below
- Date of Manufacture: Separately
- Shown

Model Name	Input Rating	Identification Code

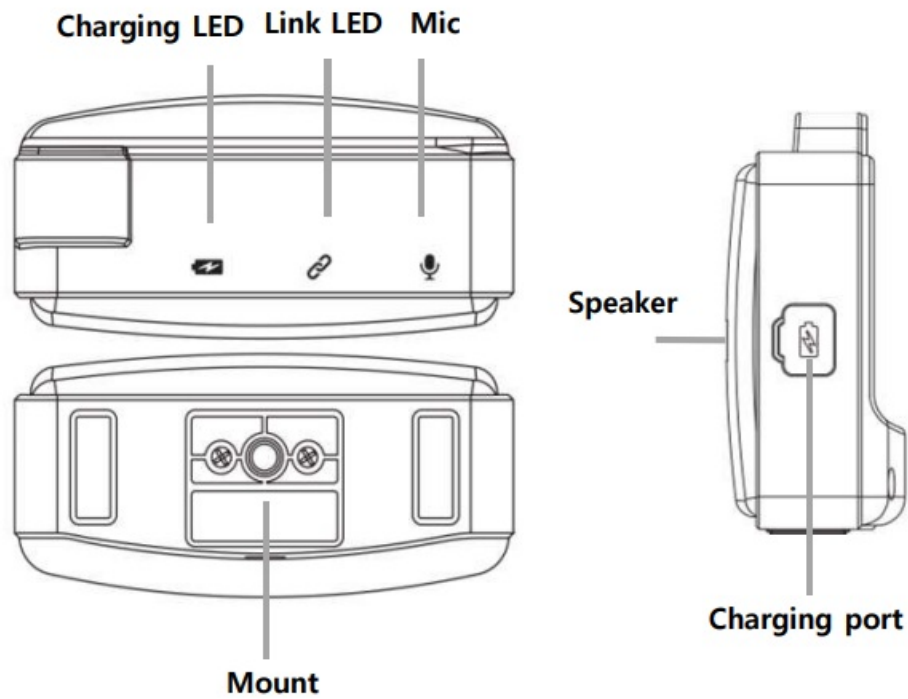
Introduction

Product Image

FRONT



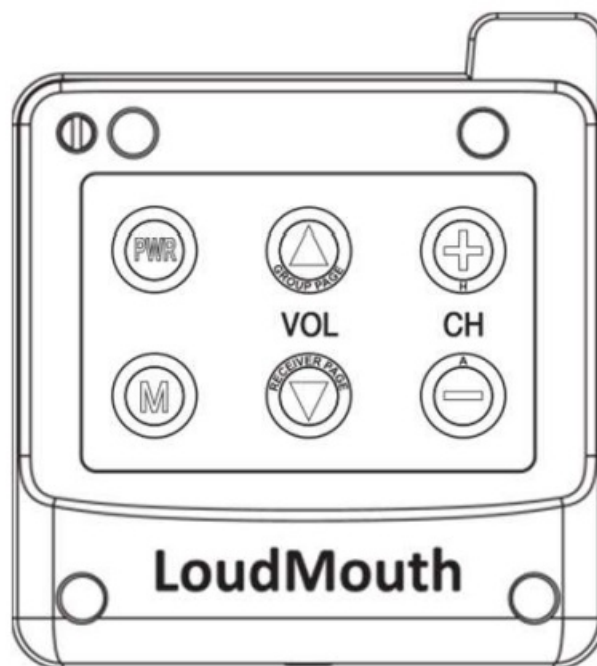
TOP & SIDE & BOTTOM



Function

1. Power

Power on, off with PWR button



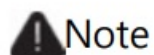
Note

If device is left in standby mode for half hour, it is automatically turned off for power-saving. Standby status

means the device is ready for pairing (No connection)

2. Volume Setting

Volume level ranges from 0 to 8.



Note

Volume 0 means no audio volume

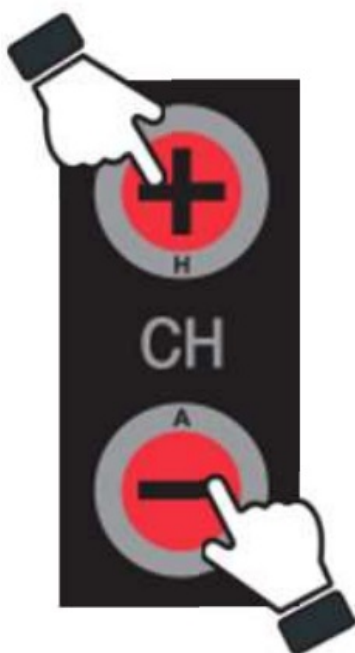
3. Channel Setting

Devices should be set to same channel number for communication.

If there are multiple communication groups in the same channel nearby, set channel number different from other groups to avoid potential interference.

STEP 1

Choose between "Channel 1" and "Channel 6"



Select a channel number
by pressing Channel Up or
Down button


Note

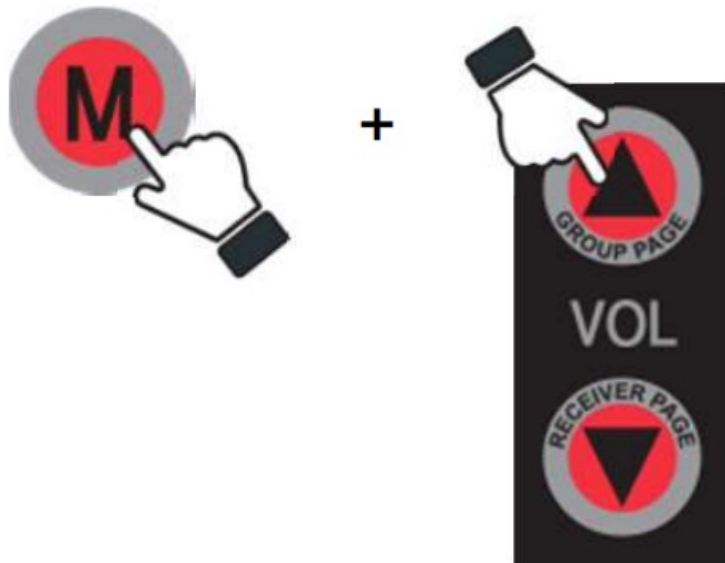
There should be one Master Device for group communication.

4. Mic Level

You can adjust the Microphone Volume level. With this function your voice transmission is clearer if you set it

right, depending on your voice level.

1. STEP 1 Press&hold  button and Volume Up Button to control mic level



2. STEP 2 Choose between “0” and “8” (The higher number you choose, the higher microphone volume it transmits) “Mic Level” 0 means microphone is mute



5. Mic Mute

User 1~12 can mute microphone by pressing ‘M’ button shortly. Users only listen if they mute microphone.



Push ‘M’ button to activate/deactivate mute.

6. How to reset in case of malfunction



Press these buttons together at the same time. Then the device goes off.

Note

Be careful not to press these buttons together during normal operation.

7. How to charge

While on charge, red light on the lower display lights up and the green light becomes dimmer once the device is fully charged.

Note

- Please use only the provided charging adapter or use 5V / 2A adapter or higher than that.
- The battery level indication while on charge could be different from the actual battery level.
- We don't recommend charging a device with power on.
- If you leave a device charged with power on for one day, it could self-discharge.
(When this happens, please make sure to re-charge it)
- Please make sure to turn off the device before charging it to get it fully charged.

FAQ

Following is the list of frequent questions and answers.

1. I can't communicate with other devices.

- Check if your device is paired with Master Device.
- In your group, check if Master Device exists.

2. I cannot join a group communication.

- Check if other users are connected on the display.
- Check if there is a Master Device in the group.
- You might be too far from Master Device to get the signal from it. .

3. I cannot turn on the device.

- Put your device to the charger for charging and then turn it on.

4. I lost connections sometimes.

- Check if other users are connected on the display.
- Check if someone is using the same user number as mine

5. Other users' voice sounds broken.

- Check if the distance between the users is too far.

6. Other users can barely hear my voice.

- Check if you set MIC level low.
- Check if the headset' microphone is a little far from your mouth

Specification & Caution

Frequency	902MHz~928MHz
Transmission Distance	1Km (Line of Sight)
Battery Lifetime	10Hour
Battery	Rechargeable Li-ion 3.7V Battery
Transmission Output	250mW
Weight	380g
Size	Width(w) : 105mm Height(h) : 105(117.1)mm Thickness(t) : 40.7(49.3)mm
Working Temperature	-10/+50°C
Modulation System	FSK
Transmission Method	TDMA

- The function may change without notice for product improvement purpose.
- Transmission distance may vary depending on the surroundings' obstacles and humidity.

Caution

Please make sure to read through the below safety requirements before using this product. If these are not followed well, incidents like fire or explosion may happen.

- DO NOT separate / modify the antenna or DO NOT use the modified antenna.
It degrades performance of the device, which results in serious breakdown as the intercom generates strong radio wave through the antenna.
- Only the provided charging adapter and headset are acceptable to use with this device, so DO NOT use a third-party adapter and headset. Otherwise, the battery will be damaged and there will be a malfunction of the device.
- Use this device only for communication (NOT for other purposes).
- Do not take apart or modify this device yourself. Otherwise, this could result in a malfunction which our warranty doesn't cover. Also, you might be subject to a penalty according to a relevant communication law.
- Do not change the frequency or use other frequency than the allowed frequency. Otherwise, you might be subject to a penalty according to a relevant communication law.
- A minimum separation distance of 20 cm must be maintained between the antenna and the person for this appliance to satisfy the RF exposure requirements
- Try not to put strong physical shocking to this device.
- Keep it out of direct sunlight and high humidity.
- DO NOT leave the device in a car in the summer.

FCC Information

This device complies with part 15 of the FCC Results. Operation is subject to the following two conditions :

1. This Device may not cause harmful interface, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. 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 correct the interference by one or more of the following measures:

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

WARNING


Changes or modifications not expressly approved by the manufacturer could void the user’s authority to operate the equipment.

IMPORTANT NOTE

FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Documents / Resources

	<p>PROCOT Atlasloud Digital Wireless Intercom [pdf] User Manual</p> <p>Atlasloud Digital Wireless Intercom, Atlasloud, Digital Wireless Intercom, Wireless Intercom, Intercom</p>
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References

- [User Manual](#)