

⚠ At regular intervals, you should unplug the AC adapter and clean it by using a dry cloth to wipe all dust and other accumulations away from its prongs. Also, disconnect the power plug from the power outlet whenever the unit is to remain unused for an extended period of time. Any accumulation of dust between the power plug and the power outlet can result in poor insulation and lead to fire.

⚠ Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of reach of children.

⊘ Never climb on top of, nor place heavy objects on the unit.

⊘ Never handle the AC adapter or its plugs with wet hands when plugging into, or unplugging from, an outlet or this unit.

⚠ Before moving the unit, disconnect the AC adapter and all cords coming from external devices.

⚠ Before cleaning the unit, turn off the power and unplug the AC adapter from the outlet.

⚠ Whenever you suspect the possibility of lightning in your area, disconnect the AC adapter from the outlet.

## IMPORTANT NOTES!

### Power supply

● Do not connect this unit to same electrical outlet that is being used by an electrical appliance that is controlled by an inverter (such as a refrigerator, washing machine, microwave oven, or air conditioner), or that contains a motor. Depending on the way in which the electrical appliance is used, power supply noise may cause this unit to malfunction or may produce audible noise. If it is not practical to use a separate electrical outlet, connect a power supply noise filter between this unit and the electrical outlet.

● The AC adapter will begin to generate heat after long hours of consecutive use. This is normal, and is not a cause for concern.

● Before connecting this unit to other devices, turn off the power to all units. This will help prevent malfunctions and/or damage to speakers or other devices.

### Maintenance

● For everyday cleaning, wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a cloth impregnated with a mild, non-abrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.

● Never use benzene, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

### Other attentions

● Please be aware that the unit's memory can be irretrievably lost as a result of a malfunction, or the improper operation of the unit.

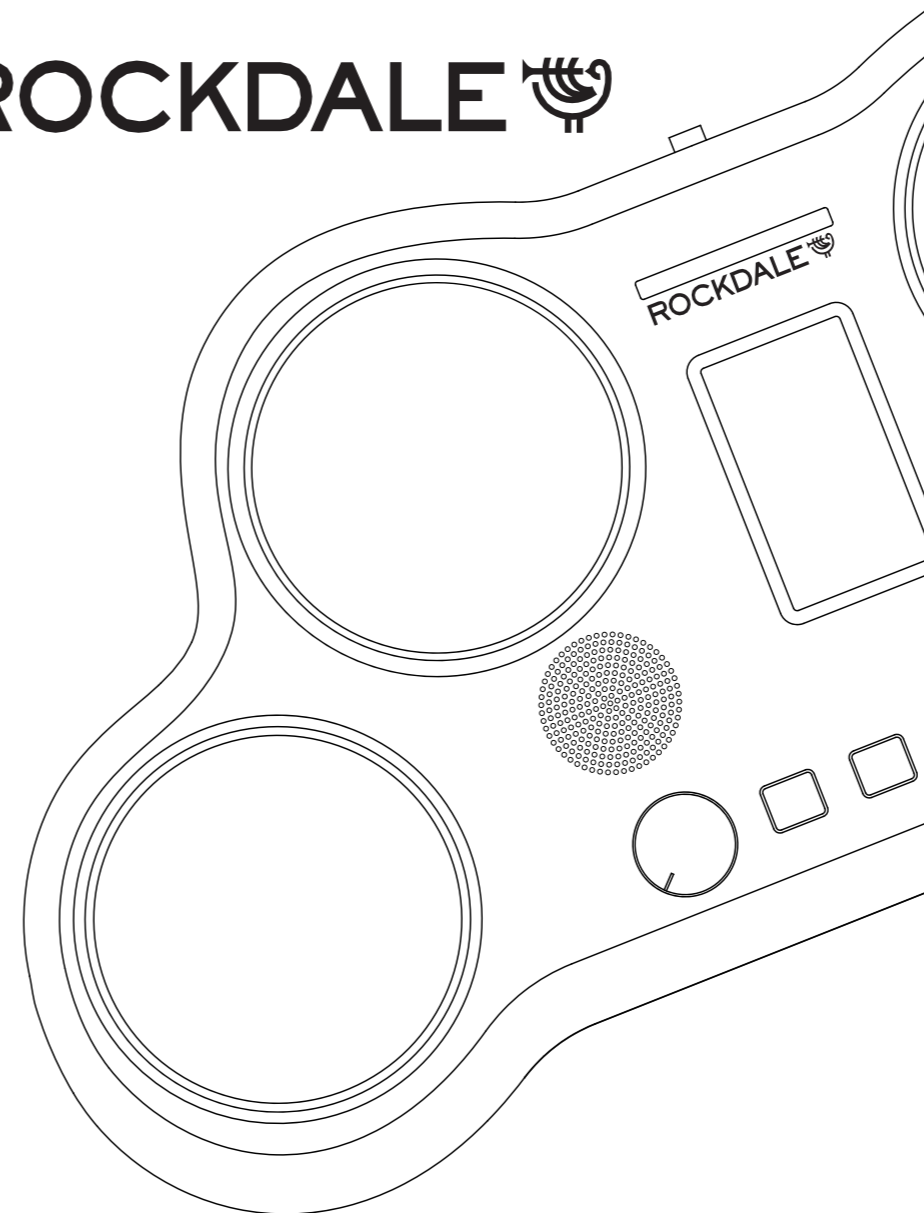
● Please take care when using the unit's buttons or other controls, and when using its jacks and connectors. Rough handling can lead to malfunctions.

● Never strike or apply strong pressure to the display.

● When connecting/disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.

● Some connection cables contain resistors. Do not use cables that incorporate resistors for connecting to this unit. The use of such cables can cause the sound level to be extremely low, or impossible to hear.

# ROCKDALE



# IMPULSE MINI

## USER MANUAL V1.00

## ⚠ WARNING

⊘ Do not open (or modify in any way) the unit or its AC adapter.

⊘ Do not attempt to repair the unit, or replace parts within it (except when this manual provides specific instructions directing you to do so).

⊘ Never use or store the unit in places that are: Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are damp (e.g., baths, washrooms, on wet floors); or are humid; or are exposed to rain; or are dusty; or are subject to high levels of vibration.

⚠ When using the unit with a rack or stand, the rack or stand must be carefully placed so it is level and sure to remain stable. If not using a rack or stand, you still need to make sure that any location you choose for placing the unit provides a level surface that will properly support the unit, and keep it from wobbling.

⚠ Be sure to use only the AC adapter supplied with the unit. Also, make sure the line voltage at the installation matches the input voltage specified on the AC adapter's body. Other AC adapters may use a different polarity, or be designed for a different voltage, so their use could result in damage, malfunction, or electric shock.

⚠ Use only the attached power-supply cord. Also, the supplied power cord must not be used with any other device.

⊘ Do not excessively twist or bend the power cord, nor place heavy objects on it. It can damage the cord, producing severed elements and short circuits. Damaged cords may cause fire and shock hazards!

⊘ This unit, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should immediately stop using the unit, and consult an audiologist.

⊘ Do not allow any objects (e.g., flammable material, coins, pins); or liquids of any kind (water, soft drinks, etc.) to penetrate the unit.

⚠ Immediately turn the power off and remove the AC adapter from the outlet when:  
a. The AC adapter, the power-supply cord, or the plug has been damaged.  
b. Smoke or unusual odor occurs.  
c. Objects have fallen into, or liquid has been spilled onto the unit.  
d. The unit has been exposed to rain (or otherwise has become wet).  
e. The unit does not appear to operate normally or exhibits a marked change in performance.

⚠ In Households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit.

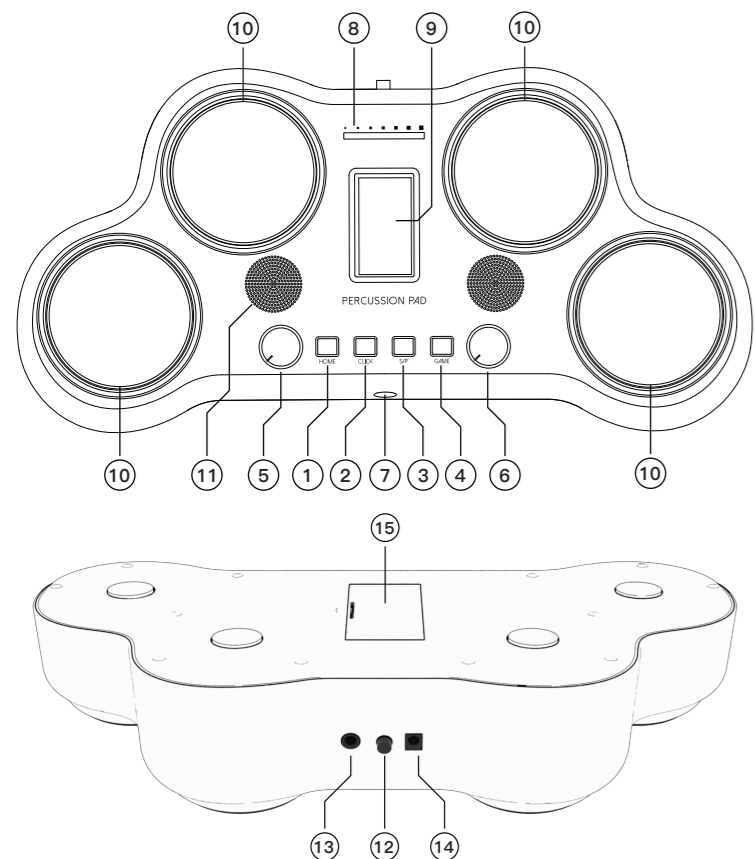
⊘ Protect the unit from strong impact. (Do not drop it!)

⊘ Do not force the unit's power-supply cord to share an outlet with an unreasonable number of other devices. Be especially careful when using extension cords—the total power used by all devices you have connected to the extension cord's outlet must never exceed the power rating (watts/amperes) for the extension cord. Excessive loads can cause the insulation on the cord to heat up and eventually melt through.

⚠ The unit and the AC adapter should be located so their location or position does not interfere with their proper ventilation.

⚠ Always grasp only the plug on the AC adapter cord when plugging into, or unplugging from, an outlet or this unit.

⚠ Keep any caps you may remove and the included wing bolts in a safe place out of children's reach, so there is no chance of them being swallowed accidentally.



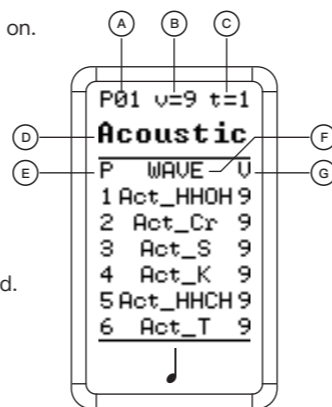
## TOP AND REAR PANELS

- HOME**  
Short press this button to return to the home page. Long press to enter the drum kit settings.
- CLICK**  
Short press this button to activate the metronome. Long press to adjust the setting of the metronome.
- S/P**  
Press this button to start/stop the game.
- GAME**  
Press this button to activate game mode.
- SELECT**  
Use this control wheel to adjust parameter values.
- VOLUME**  
Use this control wheel to adjust the volume. This wheel is also used to modify some setting parameters.
- HEADPHONE OUTPUT**  
Connect your 3.5mm headphones here. Please note, ensure that the volume is low before hitting the pads. Once your headphones are on hit the pads and gradually increase the volume until comfortable.

- LED**  
This LED indicator displays the velocity of each hit.
- SCREEN**  
This screen provides all relevant information and settings.
- PADS**  
Hit these velocity sensitive pads to trigger drum sounds.
- SPEAKERS**  
If no headphones are connected then sound will be projected through the 1.5" speakers.
- POWER**  
Press this button to turn the PD405 on/off.
- PEDAL INPUT**  
Connect the hi-hat and kick pedals here using the 6.3mm Jack.
- DC INPUT**  
Connect the PD405 to a power source here.
- BATTERY COMPARTMENT**  
Insert 6 x AA alkaline batteries (not included) here.

## DRUM KIT MODE

- This indicates the number of the current drum kit you're on.
- This indicates the global volume of the unit.
- This indicates the current type of rhythm.
- This indicates the title of the current drum kit.
- This indicates the pad which each sound is assigned to.
- This indicates the title of the sound assigned to each pad.
- This indicates the volume of each individual pad.



## OPERATION

- Short press **HOME** to switch to the home screen.
- Rotate the **SELECT** wheel to alternate between the drum kits available.
- Rotate the **VOLUME** wheel to adjust the volume of the current drum kit.

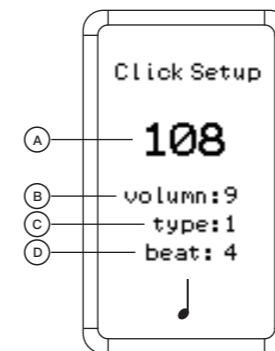
## SETTING

- Long press **HOME**, PAD 1 will start flashing, indicating that you are now in "drum kit set mode".
- Hit Pads 1-4 or tap the pedals 5-6 to access the sound you wish to modify. You'll notice that the cursor will switch to the corresponding pad or pedal.
- Rotate the **SELECT** wheel to adjust between the parameters of the drum kit.
- Rotate the **VOLUME** wheel to modify the value of the corresponding setting parameter.

- When complete short press **HOME** to exit the drum set mode and instantly save the current set-up.

## METRONOME MODE

- This displays the current tempo. This can be adjusted between 20-240 BPM.
- This displays the current volume of the metronome. This can be adjusted within a value range of 0-9.
- This displays the current type of rhythm. There are 7 types in total.
- This displays the beat of the metronome. This can be adjusted within a value range of 1-16.

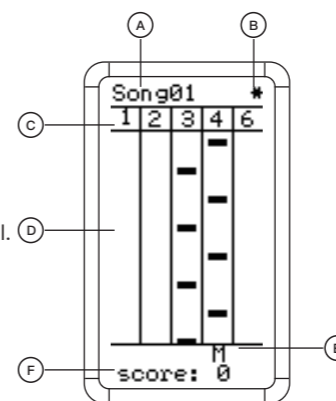


## OPERATION

- Press **CLICK** to start the metronome
- press **CLICK** again to stop.
- Hold down **CLICK** to enter the settings page and make changes.

## GAME MODE

- This displays the current game song.
- This displays the difficulty of the song. The higher the \*, the greater the difficulty.
- These numbers represent the pad which should be hit. 6 indicates the kick pedal. When the hollow block is shown below the pad 4, it indicates the 5/Hi-hat pedal. Step on the Hi-hat pedal and then strike the pad 4 to hit the hollow block.
- Notes will make their way down the lane. When they reach the bottom hit the corresponding pad.
- This displays the accuracy of the hit. M = Miss, G = Good, P = Perfect
- This displays the current score.



## OPERATION

The PD405 comes complete with 25 songs that you can use to improve your technique and feel. Before the start of each song you'll be provided with a bar count in, giving you plenty of time to prepare before the game begins.

On the LCD screen you'll see various blocks making their way downwards. When they reach the bottom of the screen you hit the corresponding pad to score points.

- Press **GAME** to enter game mode.
- Rotate the **SELECT** wheel to alternate between the different songs.
- Press **S/P** to begin the game.
- Rotate the **VOLUME** wheel to adjust the background volume of the game.
- During the game, press **S/P** to pause the song.
- When the game is over if you have charted then the player's name will appear. If not then only the score will be displayed. If no activity is detected after three seconds then you'll automatically return to the game's home screen.

※ Adjust the tempo of game by pressing click and then rotate the **VOLUME** wheel to increase/decrease the BPM.

## SLEEP

If the electronic drum pad detects no activity after 8 minutes it will automatically enter sleep mode. During this time, the screen will display a sleep icon and the light belt will flash green.

In order to wake up the electronic drum pad hit any pad or press any button. If you no activity is detected after five minutes in sleep mode then the device will power down.

## RESET

In order to reset the electronic drum pad press **CLICK** and **GAME** at the same time, then press **S/P**.

After resetting the product, the system will be restored to its initial factory state.