DiamondBoxx

MODEL M3

Congratulations on your purchase of the highest performance portable Bluetooth speaker / amplifier system available. Our design goal was to build something that could be heard over a noisy gathering or environment while sounding great, as well as being completely portable, without need for nearby electricity.

We used the highest quality materials for each intended purpose.

 Wood ⬦ Aluminum ⬦ Titanium ⬦ Lithium ⬦ Leather ⬦ Neodymium

Put together along with a 200 Watt RMS (400W max), class A/B high fidelity amplifier in a bi-amped arrangement with active crossovers for the best sound possible in the lightest package with the longest battery life.

Your DiamondBoxx was hand-built and when cared for properly should provide you with years of listening pleasure.

Happy Listening!

Tony D'Amore, CEO
DiamondBoxx

DiamondBoxxCo

DiamondBoxxCo

www.youtube.com/c/DiamondBoxx

Battery Life

Fully charged the DiamondBoxx M3-115Wh will play 4-20 hours or 8-40 hours with M3 231Wh battery.   Battery life depends on volume level and music type.

Charging is accomplished by plugging in the supplied charger to the rear panel. DiamondBoxx CAN BE played while charging.

If the LED on the charger is RED it is Charging. When it turns GREEN the DiamondBoxx is fully charged.

The Diamond
Besides its looks, the 2 Carat 8mm CZ Diamond serves as the battery level indicator while the DiamondBoxx is playing.

When it looks WHITE (really a combination of all colors so it may look different from different angles) the battery is more than 30% charged. If your Diamond turns RED this means your battery is less than 30% and getting low.

NOTE: If playing while charging, the charger LED might not ever turn green as some charging power will be used to keep the battery fully charged while playing). The battery can be charged at any time, with the DiamondBoxx playing music or not.

If audio quits playing and the Diamond is RED mixed with a flashing PINK/BLUE color this means the battery is completely discharged and music has been muted to protect it from further discharge. If this happens please plug charger into DiamondBoxx and let charge for a few minutes before expecting the DiamondBoxx to unmute and start playing music again.

NOTE:The DiamondBoxx can recharge while in use.

The Power Button
This controls the power to the DiamondBoxx.
Push in to switch power on.
Push again to switch DiamondBoxx off.

The Knobs
Your DiamondBoxx should have been delivered
along with 3 more sets of knobs in other colors.
 This provides you with a way to customize your
DiamondBoxx the way you want it.

Volume Knob
We suggest if the music source being connected to the DiamondBoxx
also has a volume control, leave that device's control at MAX volume
an use the DiamondBoxx volume control to control the level. This will
provide the cleanest sound with lowest background noise floor.

Bass Knob
This provides about 10 decibels of range from min to max. It effects
frequencies from 20Hz to 100Hz or so, gradually losing its effect with
higher frequencies. Adjust to taste. Note: If very bass heavy music is
used along with the bass knob at max, some real-time volume limit-
ing may occur.

Treble Knob
This provides about 10 decibels of range from min to max. It effects
frequencies from 2,000Hz to 20,000 Hz thus adding some sizzle to
music that needs it or reducing the brightness of music that is overly
bright. Adjust to taste.

To Change the Knobs
1. Turn knob to minimum position. Indicator line should be some-
where between 6 and 7 o'clock when set to minimum
2. Pull the knob straight off without twisting
3. Check to make sure the knob shaft is still at minimum position,
Press the new knob onto the shaft with the indicator line between 6
and 7 o'clock

TWS (True Wireless Stereo) Button

This controls the TWS (True Wireless Stereo) system on the DiamondBoxx. This is used to connect two DiamondBoxx 2nd generation or later together wirelessly in a split stereo pair for an amazing, headphone like stereo experience.

To USE TWS System

1. Start with both DiamondBoxxes powered OFF.
2. Power up one of the DiamondBoxx, pair your Bluetooth device with it. Start streaming some music to it.
3. Power up the 2nd DiamondBoxx
4. Now go back to the 1st DiamondBoxx, press and hold the TWS button until the Diamond starts flashing BLUE then release button. This will set this DiamondBoxx to "MAIN" speaker which will receive and play LEFT audio only.

5. Now go to the 2nd DiamondBoxx, press and hold the TWS button until the Diamond starts flashing GREEN then release button. This will set this DiamondBoxx to "SECONDARY" speaker which will receive and play RIGHT audio only.
6. Wait for up to 2 minutes for the DiamondBoxxes to configure themselves and form a secure connection.

NOTE: The maximum distance between the MAIN and SECONDARY DiamondBoxxes should be less than 50 feet with a unobstructed path of each other. If obstructions like walls and human bodies exist between the two DiamondBoxxes the max range could be shorter than 50 feet.

Tip: Raising the DiamondBoxxes off the ground/floor may help extend the range.

8. If the TWS linking procedure didn't work, press and hold the TWS button until the Diamond turns RED, this will CLEAR the TWS memory. Do this to both units and start procedure again from Step 1.

The Bluetooth

To connect your Bluetooth device:

1. Turn on the DiamondBoxx
2. Start the Bluetooth service on your mobile device
3. Click on "DiamondBoxx M3"

The Bluetooth range should be near 100 feet if unobstructed. Putting things between like human bodies and walls will decrease this. Lifting the DiamondBoxx off the floor or ground will usually increase the range.

If having trouble connecting, first check that another device isn't already connected, this is usually the reason for connection troubles. If not solved power the DiamondBoxx off for 60 seconds. Open the Bluetooth devices list on the device you wish to connect.

If DiamondBoxx M3 is already there, delete it. Now power on the DiamondBoxx and watch for DiamondBoxx M3 to pop-up on the

Rear Panel Jacks

Charger
This is where you plug in the included charger to recharge your DiamondBoxx. 16.8V 2A DC Only 5.5mm x 2.1mm USE ONLY THE INCLUDED CHARGER OR MAJOR DAMAGE CAN OCCUR. Replacement chargers are available at DiamondBoxx.com.

AUX 2
This is a ZERO LATENCY stereo 3.5mm input jack that MIXES. While the AUX on the front panel overrides the Bluetooth, this AUX 2 input on the rear panel MIXES with the Bluetooth or the AUX on the front panel for a various reasons including wanting to use a microphone or musical instrument mixed with audio from Bluetooth or the front AUX jack.

OUTPUT
This is a stereo 3.5mm jack that outputs the same signal that is being played. The audio signal that comes out here is volume knob dependent, but Bass and Treble tone control independent so they have no effect on the audio on this jack. While this might have been useful when a subwoofer is connected, it is a bad thing

Aux In Jack - Front Panel

The front panel AUX IN jack has ZERO LATENCY and can be connected to just about anything with an audio output. This would include:

l Laptops
l Tablets
l Phones
l Projectors
l Computers
l Gaming consoles
l Audio Mixers / Musical Instruments

If the item you want to plug in doesn't have the right jack, your local electronics store will have an adapter.

The Handle

The handle was designed to make the DiamondBoxx portable while feeling good in your hand. It can lock in 2 positions. As with anything leather, it is a little stiff at first. A good pull on it should lock it in the upright position. Pressing down on it in the middle and on the ends should lay it flat again.

The DiamondBoxx Enclosure

The enclosure is made from Medium Density Fiberboard (MDF). This is what most great sounding are made from. No plastic. As such, it is difficult to manfacuture any crazy curvy shapes as possible with, but it SOUNDS better. Isn't that the point?

The DiamondBoxx enclosure is sealed using DURATEX speaker coating that will provide years of protection.

If it should ever get damaged beyond your liking by knocking it into things, dropping it, scratching it and such, all is not lost. You can send it to us in the ORIGINAL PACKING or equivalent and we can replace the enclosure for a small fee.

As they are all hand built and rolled it is normal for there to be slight inconsistencies in the finish. Consider them like beauty marks, specific to your DiamondBoxx.

To clean just wipe down with a water dampened cloth.

The Specifications

Size	14.7 x 9 x 8 inches
Bluetooth	5.0 with TWS aptX HD
Woofers	4 inch Aluminum Cone
Tweeters	1 inch Titanium Dome
Amplifier Power	200 Watts RMS , Max 400W
Frequency Response	50Hz - 22kHz @+/ -3dB

115Wh Battery

Weight	11 lbs
Internal Battery	Lithium Ion 2600mAh x 12
Max Voltage	16.8V
Play time on full charge	4 to 20 hours*
Battery Life	Over 1000 recharge cycles
Time to full recharge	About 4 hours

*depending on volume level and music type

231Wh Battery

Weight	13 lbs
Internal Battery	Lithium Ion 2600mAh x 24
Max Voltage	16.8V
Play time on full charge	8 to 40 hours*
Battery Life	Over 1000 recharge cycles
Time to full recharge	About 8 hours

*depending on volume level and music type

Items Included

DiamondBoxx Model M3
Lithium Ion Battery Charger
3.5 mm stereo audio cable
Anodized aluminum knobs accessory pack This manual

Limited Warranty

DiamondBoxx warranties this product to be free of defects in materials and workmanship for a period of two years from the original purchase date. This warranty is not transferrable and applies only to the original purchaser from an authorized DiamondBoxx dealer. Should service be necessary under this warranty for any reason due to manufacturing defect or malfunction, DiamondBoxx will (at its discretion) repair or replace the defective product with new or remanufactured product at no charge. Damage caused by the following is not covered under warranty: accident, misuse, abuse, product modification or neglect, unauthorized repair attempts, misrepresentations by the seller. This warranty does not cover incidental or consequential damages. Cosmetic damage due to accident or normal wear and tear is not covered under warranty.
Any applicable implied warranties are limited in duration to the period of two years beginning with the date of the original purchase. No warranties shall apply to this product thereafter. Some states do not allow limitations on implied warranties; therefore, these exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Service

All warranty returns should be sent to DiamondBoxx in the original packaging (so it doesn't get more damaged on its way to us) accompanied by proof of purchase (a copy of the original sales receipt). Warranty expiration on products returned without proof of purchase will be determined from the manufacturing date code. Non-defective items received will be returned COD. Customer is responsible for shipping charges and insurance in sending the product to DiamondBoxx. Shipping damage on returns is not covered under warranty, USE ORIGINAL PACKAGING.

Manuals, Tutorials & Troubleshooting

Visit or website www.DiamondBoxx.com for tutorials and trouble shooting tips.

DiamondBoxx

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