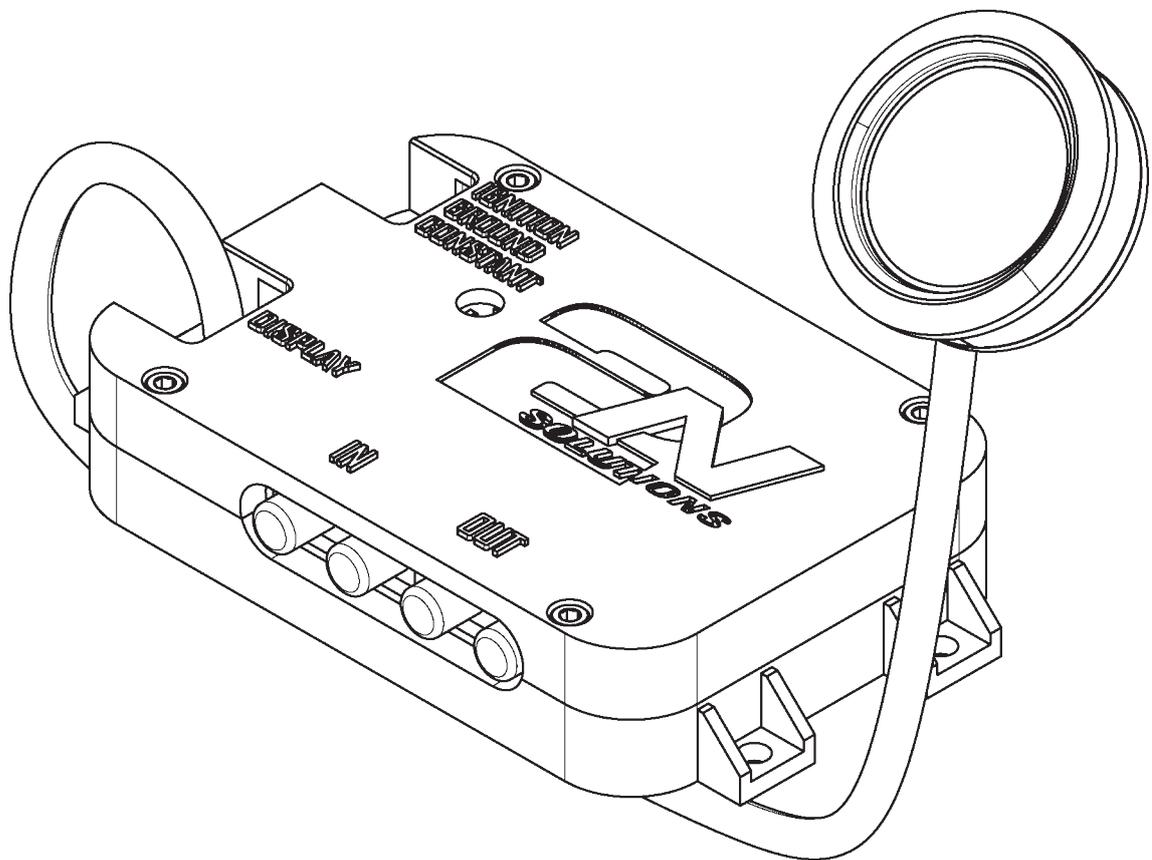


2 Nerd Solutions

Universal Digital Bass Knob
Installation and Control Manual





Locate where you plan on installing the Display and tape it off. To drill the hole use a 1 3/4" hole saw to drill the opening.

After you drill the hole you can remove the tape and run the drill through one more time to open the hole up a bit.



Next sand the opening in order to make room for the display as it is a little larger than 1 3/4". Be sure not to sand too much as the display should have a snug fit.



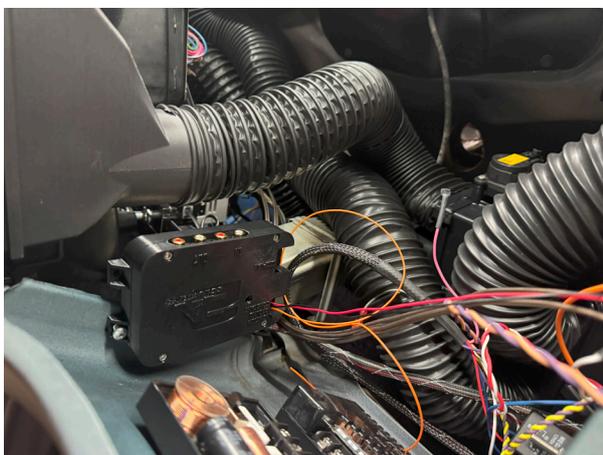
Now feed the cable through the hole and insert the display. Make sure to orient the opening downward to keep the correct orientation of the display when powering it on.



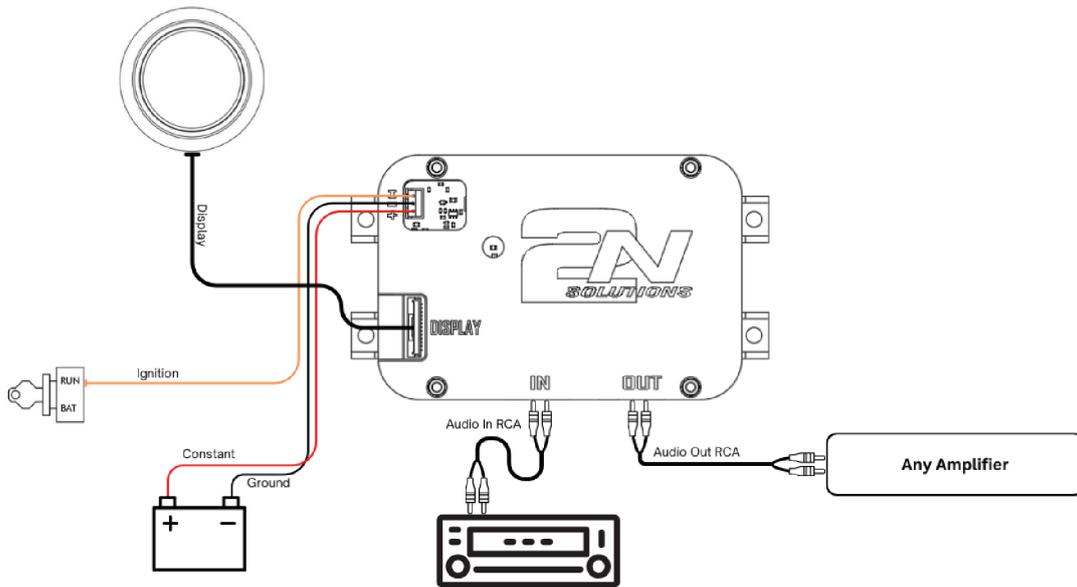


This is how it should look once finished. Now just add the back piece to secure the display.

Add the back piece and tighten the nut securely. With this the display should be fully assembled.



Now just find any open space where you can fit the electronics enclosure while being close enough for all the wiring to reach.



Power

- Ignition.....This is the orange wire and should be tied to accessories or ignition.
- Ground Wire.....Make sure to have a clean connection to ground.
- Constant.....This constant is for the clock feature to keep time and will not drain your battery.

Display and Sound

- Black Display Wire.....Plugs into the display port on the box. Make sure to leave slack in order to not break the connection
- Radio RCA.....From the back of the radio to the input of the box.
- AMP RCA.....Tie the output of the box to the input of any amp.

(It's recommended to add a 1 amp fuse to both the ignition and constant wires for extra protection)

Functionality and Controls

There are 5 different screens all with different functions. To switch between them click and hold on the arrows directing you to the different screens.

Home Screen:

Here is where your uploaded image will be displayed and where you will control the bass from. All other screens can be reached from this screen.

Voltage Screen:

Click and hold on the Left of the display to get to this screen.

This screen will display the battery level if you wired the constant directly to the battery.

Click and hold on the Right of the display to get out of this screen.

Clock Screen:

Click and hold on the Top of the display to get to this screen.

This will display the time and can be customized on the device's website on the upload screen.

Click and hold on the Bottom of the display to get out of this screen.

Music Animation Screen:

Click and hold on the Right of the display to get to this screen.

The animation will play along with the music but may need the sensitivity to be adjusted for your radio to play smoothly.

Click and hold on the Left of the display to get out of this screen.

Upload Screen:

Click and hold on the Bottom of the display to get to this screen.

This is where you scan the QR code with your smart phone while it is unlocked to connect to the device. If your phone is unlocked it should pull up the website automatically within 10-20 seconds.

Click and hold on the Top of the display to get out of this screen.

Controls from the website from your phone:

Clock Page:

- Customize the clock
- Set the internal clock's time

BassKnob Page:

- Change uploaded image

Settings:

- Set the theme color which changes the arrow colors and the bass indicator ring color.
- Change the animations sensitivity with the higher it is the more it will play with the music.

(Be Sure to click the Save Settings button for the changes to save)

Android Connectivity

1. Connect to the "Bassknob-Portal" Wi-Fi

- Open your Android device's Settings.
- Tap Wi-Fi or Network & Internet (depending on your Android version).
- Look for the "Bassknob-Portal" network in the list of available Wi-Fi networks.
- Tap the network name and enter the password if required.
- Once connected, ensure your device displays "Connected" next to the Wi-Fi name.

2. Open the Web Browser

- Open your preferred web browser, such as Chrome, on your Android device.
- Type 192.168.4.1 into the address bar and press Go.
- Ensure the website loads successfully, confirming that you are connected to the "Bassknob-Portal" network.

3. Add the Website to Your Home Screen

- With the webpage loaded, tap the three-dot menu (usually in the top-right corner of the browser).
- Select "Add to Home screen" from the dropdown menu.
- You will be prompted to confirm the name of the shortcut. By default, it may show "192.168.4.1" or the website title.
- Tap Add to confirm.

4. Place the Shortcut on Your Home Screen

- After tapping Add, a pop-up will ask if you want to place the shortcut manually or automatically.
- Drag the icon to your desired spot on the home screen (or let it auto-place).

5. Test the Shortcut

- Tap the new shortcut on your home screen to quickly open the webpage.
- Ensure you remain connected to the "Bassknob-Portal" Wi-Fi network whenever you want to use this feature.

Now to quickly connect to the device just scan the QR code and then open the Shortcut on your home screen. By following these steps, you'll have easy one-tap access to your device's control panel through the "Bassknob-Portal" network.