

Dual-Device Bluetooth Pairing & Multipoint Control

Equipped with Bluetooth 5.3, the Onyx Studio 9 supports simultaneous connections with two source devices (such as smartphones, tablets, or laptops):

- **Initial Pairing:** Power on the speaker. It automatically enters pairing mode. Select "**Onyx Studio 9**" from your device's Bluetooth menu to connect.
- **Pairing a Second Device:** Press the physical **Bluetooth button** on the speaker chassis. The indicator light will flash again. Connect your second device via its Bluetooth menu.
- **Seamless Audio Switching:** With both devices connected, you can take turns playing music. Simply pause the playback on the first device and hit play on the second device; the speaker will **automatically switch audio sources** without needing to disconnect.

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Dual-Way Charging & Wired Input Support

The utility ports on the back panel allow the Onyx Studio 9 to serve as a versatile audio and power hub:

- **Emergency Power Bank Feature:** If you take the Onyx Studio 9 to a balcony or backyard where wall outlets are unavailable, you can plug your phone's charging cable into the rear **USB charging output port (Type-C)**. The speaker will use its internal battery to **reverse-charge your smartphone**.
- **3.5mm AUX Analog Input:** For legacy devices without Bluetooth—such as older turntables, desktop computers, or portable audio players—simply plug a standard 3.5mm audio cable into the AUX IN jack to enjoy low-latency, high-fidelity wired playback.

Multi-Band Custom EQ Adjustment Steps

1. **Connect & Open:** Connect your mobile device to the Onyx Studio 9 via Bluetooth, then launch the **Harman Kardon One App**.
2. **Access Device Dashboard:** Tap on "**Onyx Studio 9**" from the home screen device list to enter its primary control interface.
3. **Open Equalizer:** Locate and select the "**Equalizer (EQ)**" menu.

4. **Switch to Custom Mode:** The app will display standard presets (such as Balanced, Vocal, or Movie). Toggle the mode to **"Custom"** to unlock the graphical equalizer board.
5. **Adjust Individual Frequencies:** You will see multiple frequency sliders ranging from the low-end bass to the high-end treble. You can drag each slider up or down (**+/- dB**) to tailor the sound signature:
 - **Sub-Bass & Bass (e.g., 60Hz – 150Hz):** Push these up to inject extra rumble and punch into electronic music, hip-hop, or movies. Pull them down if the bass sounds muddy or is rattling your furniture.
 - **Mid-Range (e.g., 400Hz – 2kHz):** This frequency dictates vocals and primary instruments. Elevate these sliders to make singing voices sound richer and closer to you, or to make speech clearer in podcasts.
 - **Treble & Brilliance (e.g., 5kHz – 15kHz):** Slide these upwards to amplify the crispness of acoustic guitars, piano keys, and cymbals, adding a sense of airiness to the sound. Lower them slightly if high notes sound piercing to your ears.
6. **Save Preset:** Once you achieve your desired acoustic balance, save the profile within the app as your personalized custom sound signature.