OS-440 Set-Up Guide

ATTENTION OS-440 USERS:

The OS-440 smart amplifier is currently in BETA status, and some features may not be fully available or activated.

Firmware updates may be required to access certain functions.

POWER LED:
- Solid green LED when powered & in use.
- Blinking green LED when on standby.

RCA INPUT PORTS:
- Ports for RCA analog input.

OPTICAL SOURCE LED:
- Solid cyan LED indicating optical input mode.

ANALOG SOURCE LED:
- Solid white LED indicating RCA analog input mode.

WIFI/BLUETOOTH SOURCE LED:
- Solid yellow LED when OS-440 is booting
- Blinking yellow & red LED when OS-440 is updating.
- Blinking red LED when OS-440 is in protect mode.
- Solid purple LED when in Wi-Fi D mode.
- Blinking green LED when unconnected in Wi-Fi Network mode.
- Solid green LED when connected in Wi-Fi Network mode.
- Blinking blue LED when in Bluetooth pairing mode.
- Solid blue LED when connected in Bluetooth mode.

OPTICAL INPUT PORT:
- Port for optical audio input.

RESET BUTTON:
- Single press to reboot.
- Long press (>2sec) to factory reset.
- Double press to clear all Bluetooth clients.

SOURCE SELECT BUTTON:
- Single press to change between input sources.
- Long press (>2sec) to enter Bluetooth pairing mode.
- Double press to change between Wi-Fi Network and Wi-Fi D modes.

LEFT & RIGHT SPEAKERS:
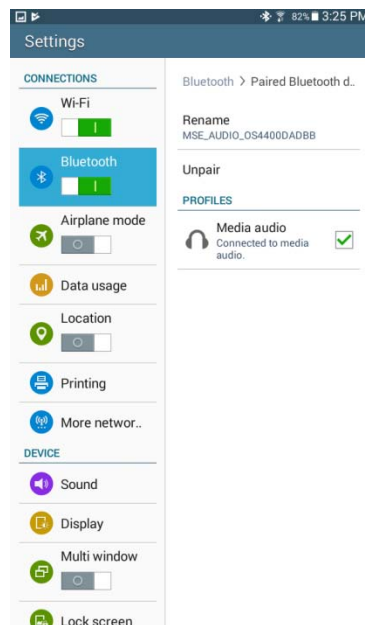- Output terminals for output speakers.

OVERVIEW:
- OS-440 will enter standby mode after 10 minutes of no use.
- OS-440 will wake up from standby mode once music begins to play.
- Source will auto switch to Wi-Fi when music is cast to the OS-440 (requires Wi-Fi Network configuration).
- Source will auto switch to Bluetooth when music is played as Bluetooth audio.

Section 1:
How To Configure Your OS-440 On Bluetooth

1. To configure your OS-440 for Bluetooth use, press the source button on your OS-440 until the source cycles to Wi-Fi/Bluetooth. The Source LED will blink blue until a device is paired.

2. In your mobile device settings, turn Bluetooth On and select the OS-440 to pair with. Unless previously renamed, the OS-440 will be named MSE_Audio_OS440XXXXXX where the Xs are unique to your device. Once paired, the source LED will be solid blue.

DONE

Section 2:

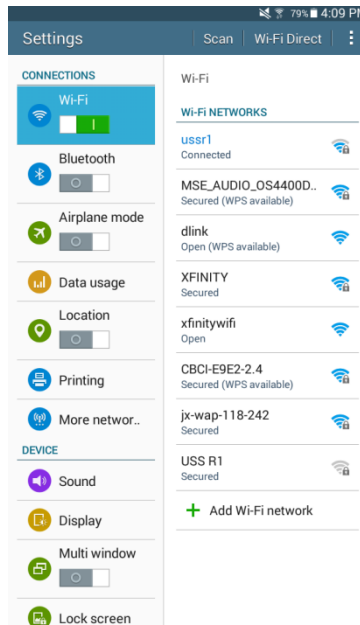**How to Connect a Hardwired Device to your OS-440**

1. Physically plug in your source device via RCA (analog) connection or Optical (digital) connection.

2. Press the source select button to light the appropriate input you are using; analog or optical.

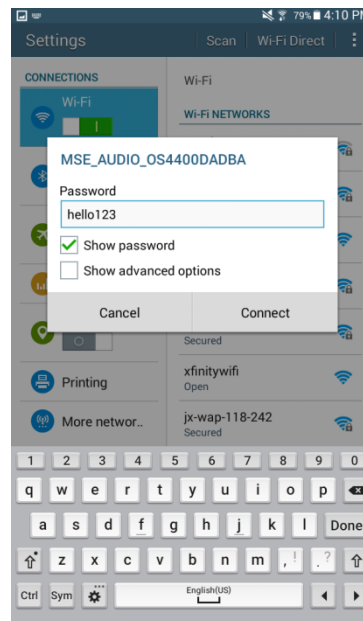3. Refer to your device's instruction manual for playback functionality.

DONE

Section 3:
How To Configure Your OS-440 for Wi-FiDirect (offline)

1. Verify that the Source Wi-Fi LED is purple, if not, quickly press the source button on your OS-440 twice to initiate Wi-Fi D mode. This will take a few moments.

2. **Note:** The Source Wi-Fi LED will change to yellow while the device is changing to Wi-Fi D mode. The Source Wi-Fi LED will change to purple to indicate that the OS-440 is now in Wi-Fi D mode.

3. On your mobile device, select the Wi-Fi signal being broadcast by the OS-440. It will be named 'MSE_AUDIO_OS440XXXXXX' where the Xs (if any) are unique to your OS-440 device.

4. Connect to the OS-440 Wi-Fi D network using the password: hello123.

5. Use Apps like Hi-Fi Cast (Android) and Glider (iOS) to play locally saved tracks through your OS-440.

DONE

Section 4:
Troubleshooting

- The majority of undesired behaviors are resolved by simply unplugging the OS-440 from its' power source, waiting 15sec, and then plugging it back in.

  - If you cannot control the volume, the volume is too quiet, or the volume is too loud. First try disconnecting/forgetting the OS-440 amplifier under your mobile device Bluetooth settings, then reconnect to the OS-440 amplifier.

  - If the previous step was unsuccessful and still have volume issues, press and hold the 'Reset' button until the OS-440 amplifier clicks. The OS-440 will then reboot and the source will need to be changed back to Bluetooth.

- If the Bluetooth connection appears to cut in and out, or drops out completely;

- First make sure that the mobile device is not also connected to the OS-440 in WiFi Direct mode, WiFi may need to be turned off.

- If the previous step was unsuccessful and still have issues staying connected on Bluetooth, try disconnecting/forgetting the OS-440 amplifier under your mobile device Bluetooth settings, then reconnect to the OS-440 amplifier.
  When using an iPhone/iPad connected to the OS-440 amplifier using Bluetooth, and then change to an Android device;

- Volume must be raised prior to using the Android mobile device. To avoid exposure to uncomfortably loud volume, disconnect all speakers or try pausing the song/track prior to raising the volume. Recommend raising volume to 50% or more using an iPhone/iPad prior to connecting an Android device.

- If the previous step was unsuccessful or forgotten, press and hold the 'Reset' button until the OS-440 amplifier clicks. The OS-440 will then reboot and the source will need to be changed back to Bluetooth.