Manuals+

TeachLogic TH-OA-50 Ovation Amplifier Receiver Mixer User Guide 📄

Quick Start Guide – Ovation™ (DECT System)

Getting to Know Your Sound System

Make note of the location of the speakers in your classroom. Ensure that you have unpacked and charged your battery-powered microphones. **Keep this guide handy for future reference.**

STEP 1. CHARGING THE MICROPHONES

Microphone Logo Light:

- Blinking Green: = Charging
- Solid Green = Charged
- Charging takes approx. 6-8 hrs.
- Battery typically lasts 8-9 hrs.
- Do not force mics into the cradle. Ensure microphones are aligned in the same direction facing the front as shown above.
- OC-20 is not for TeachLogic Infrared microphones, only Ovation.

OC-20 Charging Base Lights

- ⏻ **Light:** Solid Blue = Power ON
- **Mic Dock Lights:** Solid Blue = Power Supplied to Mic
- **Note:** Mic Dock lights and charging power will turn off after 16 hours.

WHEN REPLACING BATTERIES IN THE HANDHELD MIC, ONLY USE RECHARGEABLE LITHIUM BATTERIES from TeachLogic!
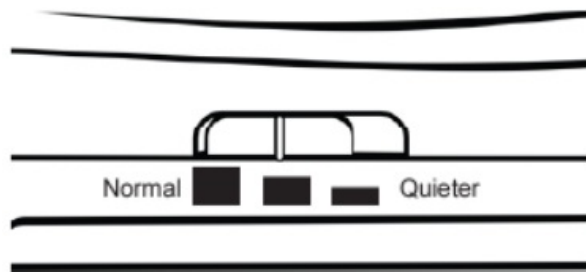
STEP 2. SETTING UP THE MICROPHONES

1. Power the amp ON by pressing the power button. The power button LED will illuminate solid blue when powered ON.

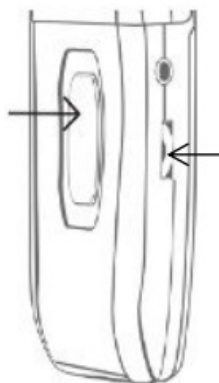**2.** Set the MIC A and MIC B volume controls to the 12 o'clock position.

3. Pendant Mic: Connect the lanyard to the metal clip and place around neck. Adjust lanyard so the top of the mic sits on your collar bone. Set the gain switch on the side:

- If room is noisy: set at "Normal"
- If room is quiet: set at "Quieter"

4. Turn "ON" the Pendant Mic via the front button; tap once to turn on. Press and hold front button and side switch for 3 sec. to put in pairing mode. Mic LED will fast blink green when in paring mode.

5. On the amp, press and hold MIC A pairing button for 3 seconds to enter paring mode. LED will fast blink green when in paring mode. Once connected, mic LED will turn solid blue and MIC A LED on amp will turn solid green.

a: LED & Paring Button

6. Once connected, have another person move around the room while you are talking to verify the volume level is sufficient in each student seating location.

7. Have the other person give you a thumbs up or down and adjust the amplifier volume level accordingly until you reach the ideal level.

8. While talking, walk around the room to ensure Volume is not set so high as to produce feedback (howling) anywhere.
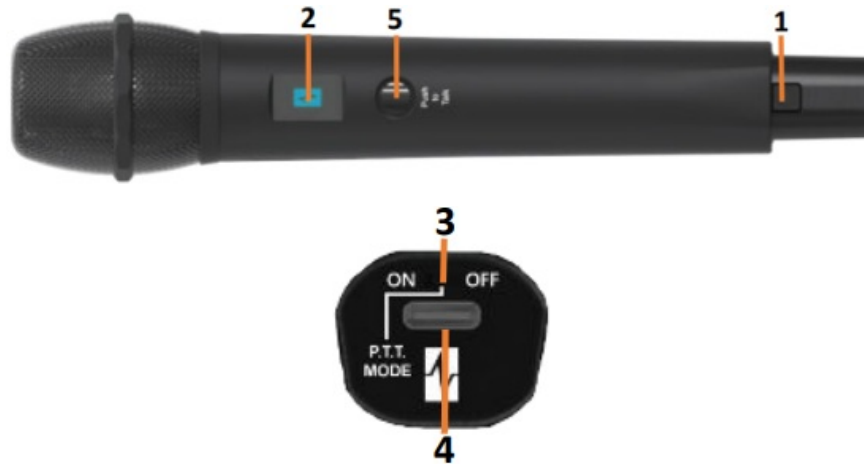

9. Handheld Mic: Repeat this process using the MIC B channel to set the ideal volume level. Turn "ON" the handheld mic by tapping the power button once. To enter pairing mode, press and hold the Push to Talk (PTT) button and Power button at the same time for 3 seconds. When in pairing mode, mic will begin to fast blink green. Continue from Step 5 above.

a: Requires simultaneous press and hold for 3 seconds to enter pairing

STEP 3. USING THE HANDHELD MICROPHONE

Bottom View

1. ON/OFF Button

- Tap to turn on, press and hold 3 sec. to turn off

2. Status Indicator LED

- No Light: OFF
- Solid Blue: ON and Connected
- Yellow: Unpaired
- Blinking Blue: Push to Talk Mode ON

3. Push to Talk (PTT) ON/ OFF Switch
4. USB-C Charging Port
5. Push to Talk (PTT) Button

- PTT mode mutes the mic when enabled. When PTT mode is ON, the button pictured must be held down for sound to transmit over the speakers. When PTT mode is OFF, mic will not require a button press to talk.

STEP 4. USING THE OVATIONTM PENDANT MICROPHONE

Bottom View

1. Status Indicator LED

- No Light: OFF
- Solid Blue: ON and Connected
- Solid Yellow: ON and Unpaired
- Fast Blinking Green: Pairing Mode
- Blinking Blue: Mute
- Solid Red: 10% Battery Remaining
- Blinking Red: 5% Battery Remaining

2. Logo Button for Power and Muting

- To turn mic ON tap power button, to turn OFF press and hold for 3 seconds.
- Mute Microphone: Tap power button once (blinking blue).
- Unmute Microphone: Tap power button again (solid blue).

3. Aux Input: Connects devices (like music player) to microphone.

4. Audio Volume Switch: Changes volume of devices plugged into amp inputs

- To increase/decrease volume level: Slide button up or down
- To immediately quiet volume level of external device: Push button once
- To resume volume level of external device: Push button again

5. Activate Security Alert Feature (when enabled)

- Hold Audio Volume Switch down for 3 seconds. Microphone LED will flash green 3 times indicating its successful alert.

6. Mic Volume Switch

- You may increase/reduce the volume to accommodate changes in room noise.
- There are 3 levels to adjust your microphone volume: Normal | Quiet | Quieter

7. USB Charge Port (found on the bottom of the mic)

- Uses micro-USB charging cable

STEP 5. USING THE OA-50 AMPLIFIER

1. Power Button & Status Indicator LED

- To turn OA-50 ON or OFF, press power button once
- To put OA-50 into STANDBY mode, double tap the power button; it will automatically enter standby mode after 2 hours of no use and automatically exit standby when next used
- Red: OFF
- Blue: ON and Activated

- Blue Slow Blinking: STANDBY

2. Mic Volume Control

- Controls volume of MIC A and MIC B.
- Turn clockwise to increase volume and counter-clockwise to decrease

3. MIC A and MIC B Pairing Buttons & LEDs

- Green light: Microphone is paired and connected
- Press and hold pairing button for 3 seconds to enter pairing mode, light will fast blink green when in pairing mode

4. Input Volume Controls

- Knob controls the volume of each corresponding connected external device

5. Conference Input & Output Volume Control & Jacks

- Use one input + one output to connect to computer for video conferencing
- Knob controls the volume of each corresponding connected external device
- The conference output may also be used to connect devices for recording lessons or for assistive listening systems

TROUBLESHOOTING

1. System is turned on but there is no LED indicator light

- Check if system has been unplugged.
- Verify that electrical outlet is generating power.

2. System has power (LED indicator blue) but no sound

- Make sure microphone is on and connected (Solid Blue).
- Ensure the mic pairing button light is illuminated solid green.

3. Voice is distorted or sound drops

- Ensure amp and antenna are placed waist height or above and antenna is not blocked by any metal or thick objects.
- Avoid covering mic with hands.

4. Receiver does not "wake up" from standby

- Volume of external device may be too low when played.
- Microphone not on or not paired.

5. Knobs on front of amp do not change the volume of inputs

- Check back of amp to ensure the RS-232 switch is in the "OFF" position unless using external RS-232 controller.

2023.10.03

Documents / Resources

	[TeachLogic TH-OA-50 Ovation Amplifier Receiver Mixer](#) [[pdf](#)] User Guide TH-OA-50 Ovation Amplifier Receiver Mixer, TH-OA-50, Ovation Amplifier Receiver Mixer, Amplifier Receiver Mixer, Receiver Mixer

References

- [User Manual](#)

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🏷 Amplifier Receiver Mixer, Ovation Amplifier Receiver Mixer, Receiver Mixer, TeachLogic, TH-OA-50, TH-OA-50 Ovation Amplifier Receiver Mixer

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