

AUDOTA

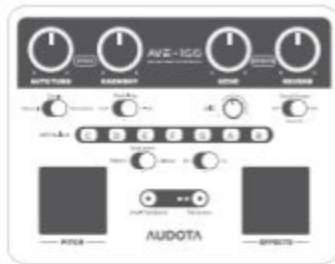
AVE-100

VOCAL MULTI EFFECTS

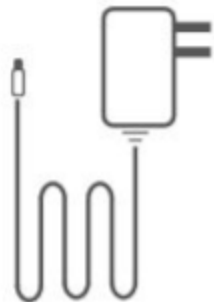
User Manua

中文说明书

Packing List



AVE-100 * 1

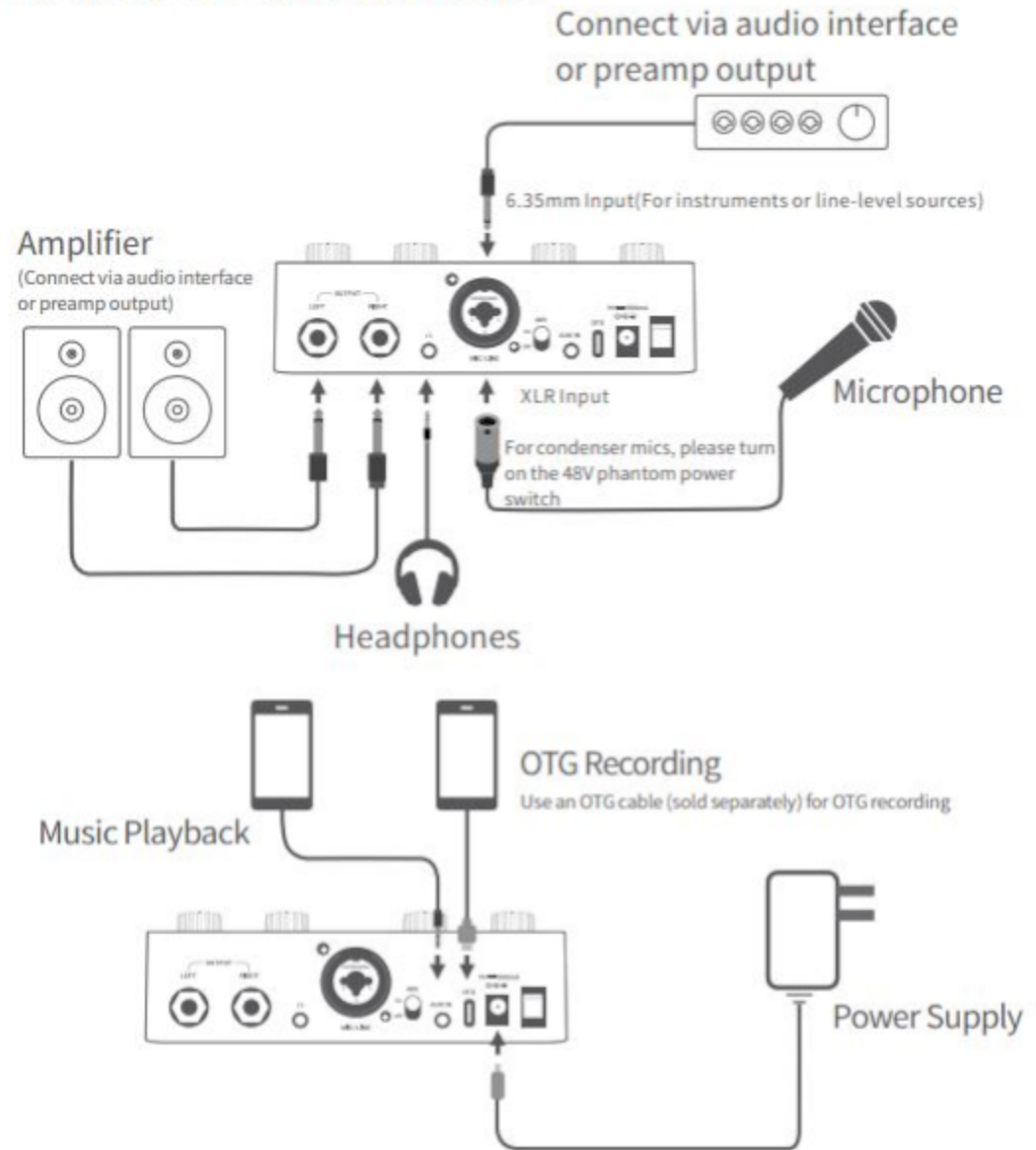


Power Adapter * 1



User Manua * 1

Device Connections



Quick Start

1. Adjust Mic Gain



Rotate the gain knob to set the microphone input to a proper volume.

- Mic Gain only affects XLR input
- Red light while Clipping; aim to stay in green-yellow range
- 6.35mm input signal bypasses microphone preamp, please adjust volume from the source device for overall volume adjustment.

3. Select Effect Mode



Toggle the Scale switch to choose pitch correction mode. Toggle the Doubling to set vocal harmony interval.

- **Natural Mode:** Pitch correction based on selected key
- **Chromatic Mode:** Pitch correction not dependent on key
- **Harmony Modes:** +3rd, Unison, +6th

2. Adjust Effects



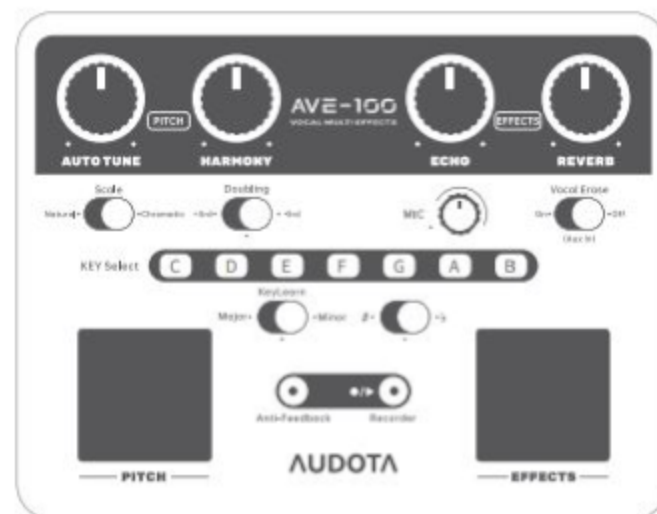
Use the FX knobs to set the intensity of each effect.

4. Toggle Effects On/Off



Hit or press the pads to turn pitch/spatial effects on or off.

- **PITCH Pad:** Controls pitch correction and harmony
- **EFFECTS Pad:** Controls delay and reverb

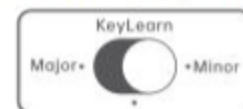


5. Select Key/Scale

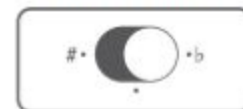
Key selection module includes three parts:



1. Press key buttons to select tonic note.



2. Toggle the switch to choose Major/Minor mode or turn on the Keylearn function.



3. Toggle the switch to add sharps/flats.

- Key selection affects both Natural pitch correction and Harmony modules

Instructions

KeyLearn – Automatic Key Detection

Detects song key from backing track audio, quickly solve the issue of checking the key of song.

Steps:

1. Input audio signal via AUX IN or mic
2. Set key switch to "KeyLearn" (key buttons will flash)
3. Play audio and press any key button to begin analysis
4. Button lights show progress (stop flashing when done)
5. The final lit key shows the detected key

LED Indicator

Key Indicating

- Orange = Major
- Blue = Minor

Sharp/Flat Indicating

- Two adjacent buttons lit = Sharp/Flat (e.g., C/D blue = C # /D ♭ Minor)

Anti-Feedback – Intelligent Feedback Suppression

Three-level feedback suppression system. If feedback or howling occurs during use, press the Anti-Feedback button to activate suppression. The button LED will turn on when the function is active. Three levels suppression strength are indicated by different button light colors. Press the button repeatedly to cycle through the levels.

Recorder – Loop recording function

Press the recorder button to quickly record the backing tracks or backing vocal (you can even utilize it to play a cappella, or beatboxing)

Steps:

1. Press Recorder to start (red light for recording).
2. Press again to stop recording and begin playing back the recorded track.
3. Press again to overdub (unlimited layers).
4. Press twice quickly to stop playback (blue flash).
5. Long press to clear recorded tracks.

Note:

Recording cannot be saved after power-off. For recorded track storing, please use OTG cable and transfer the file to a smartphone.

VocalErase – Vocal Removal Feature

Removes vocals from music for simple accompaniment playback.

Steps

1. Connect music player to AUX IN using 3.5mm TRS cable
2. Toggle VocalErase to "On"

Note: This may affect overall audio quality.

Effect Pad Mode Switching

By default, effect pads is set to toggle on/off mode. To switch to momentary mode (hold to activate), hold the pad while powering on. The momentary mode can work for natural fade-in/out effects.

Troubleshooting

No Sound

- Check power connection and switch is on
- For condenser mics, make sure 48V phantom power is on
- Adjust mic gain – LED around Mic knob should light up when signal is present

No Effects

- Check that the relevant effect pad is lit
- Ensure effect knob is turned up

Pitch Correction Not Effective

- Natural mode offers broader pitch correction than Chromatic
- Rotate Auto-Tune knob and turn up for stronger correction

Incorrect Pitch or Harmony Result

- Check if the selected key is correct

Inaccurate KeyLearn Result

- Use AUX IN for more stable detection
- Ensure smooth playback during analysis
- Use instrumental backing tracks instead of vocal humming

Technical Specifications

Combo Input: XLR input jack (2.14 k Ω impedance value)

Combo Input: 6.35mm input jack (1 M Ω impedance value)

Output: 2 x 6.35mm mono output jacks
(100 Ω impedance value)

Headphone Out: 1 x 3.5mm stereo jack
(32 Ω impedance value)

Power Requirement: DC 9V \geq 500mA, center-negative
(Use original power adapter to avoid noise or interference)

Dimensions: 142mm (L) \times 113mm (W) \times 51mm (H)

Weight: 320g