

## SPECIFICATION

Bass boost	4dB
Output power	120mW x2 (16Ω Load) 13mW x2 (300Ω Load)
Headphone impedance	16Ω ~ 300Ω
Signal to noise ratio	≥97dB
Frequency response	10Hz ~ 100KHz
Battery life	4 hours
Weight	18g
Size	57(L) x 27.6(W) x 9.10mm(D)

## ACCESSORIES



Audio cable



USB cable  
(For battery charge only)



Clip cover



Owner's guide

 Lars & Ivan

# HA-1

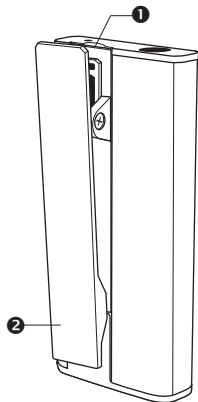
Mini Headamp with Bass Boost

USER MANUAL

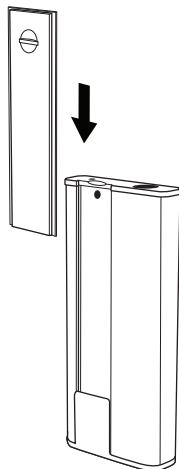


## Release the clip or cover

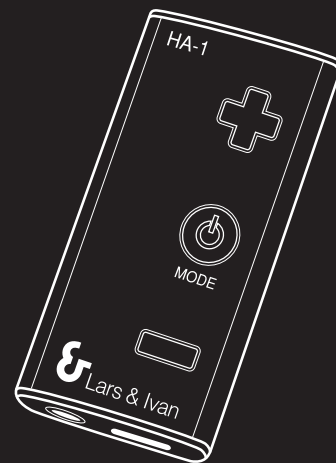
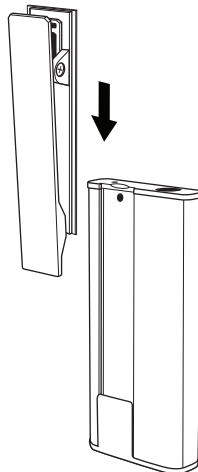
Push ① and ②



Clip Cover



Clip



# FEATURES & OPERATING

## Preparation

Charge up unit before use. Connect USB cable to charge up unit at least 2 hours if battery low. Connect audio cable to your device and HA-1 input ⑤. Connect your headphone to HA-1 ②.

## Power On

Press and hold power button ③ for 2 seconds to turn on unit, the power indicator ① will turn to Red color.

Another press and hold for 2 seconds will turn unit OFF.

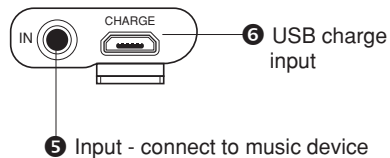
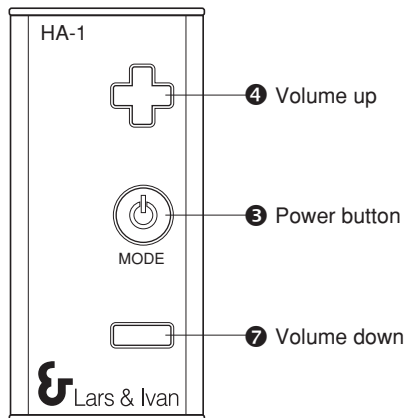
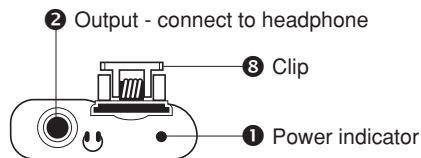
- (1) When the unit can't switch on, recharging is needed.
- (2) Suggest to recharge the unit after 4 hours continuous usage, if you are not using your headamp often, be sure to complete a full charge cycle at least every three months.
- (3) LED will flash when there is battery low condition. It is advised to recharge the HA-1 immediately.

## Select Mode

You can select different vocal mode by a short press at power button ③ when unit is operating. Blue LED indicator is bass boost mode, Red LED indicator is normal mode.

## Adjust Volume

You can adjust the volume output by a press on "+" ④ or "-" ⑦ button. Press and hold the volume button will change volume continuously.



## Remarks

The volume and vocal mode you selected will be memorized by HA-1 even it is power OFF. Next time when you power up the unit, the last settings will be restored.

There is a clip ⑧ on HA-1 that you can clip on your bag or clothes to free your hand. HA-1 is a sophisticated device for smart phones, if you are using other music device that cannot match HA-1 due to different wiring configuration. You need to insert a conversion cable between HA-1 and to your music device and headphone. The reason is due to different pin configuration among models. ( Conversion cables need to be purchased separately )

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Li-ion



20150127R1