

DIRECT BOX DI-200

OWNER'S MANUAL

www.beta-aivin.com



Beta Aivin

FEATURES

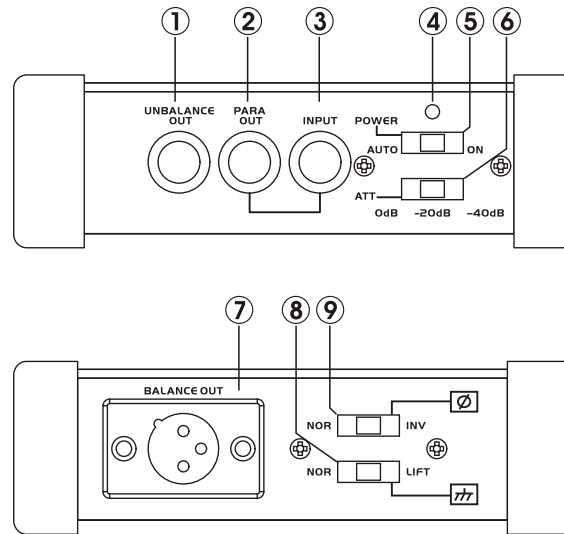
The DI-200 is a high-quality active direct box with crystal-clear sound for transforming high-impedance. The signal from your instruments like Guitar, Bass and keyboard which can be input to the mixer directly with the magic box DI-200 instead of using an amplifier with a microphone, study, compact design can be applied for performance in any situation.

SPECIFICATION

Input Impedance-----4.7M ohm/37K ohm/33K ohm(Unbalanced)
Output Impedance ----- $\geq 200K$ ohm(Unbalanced)
----- $\geq 10K$ ohm(Balanced))
Max. Input Level ----- +45dBu(1KHz),390Vp_p
Max. Output Level ----- +8dBu(Balanced:600 Ohms load)
----- +8dBu(Unbalanced: 50 k Ohm)
Residual Noise ----- ≤ -110 dBu (IHF-A)
Frequency Response-----20Hz~40KHz(0.5/-1dB)
THD----- $\leq 0.05\%$
Power supply ----- DC9V, Battery(6F22/9V)
----- Phantom Power, 24V~48V DC
Controls -----Auto power, Attenuator, Nor switch, phase switch
Connections ----- Input, Para output, balance output
-----unbalance output
Current Consumption-----6mA(DC9V)
Dimensions----- 127*98*53mm
Weight-----0.52Kg

IMPORTANT NOTES

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Do not use this apparatus near water.
5. Clean only with dry cloth.
6. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
10. Unplug this apparatus during when unused for long periods of time.
11. No user serviceable parts inside. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

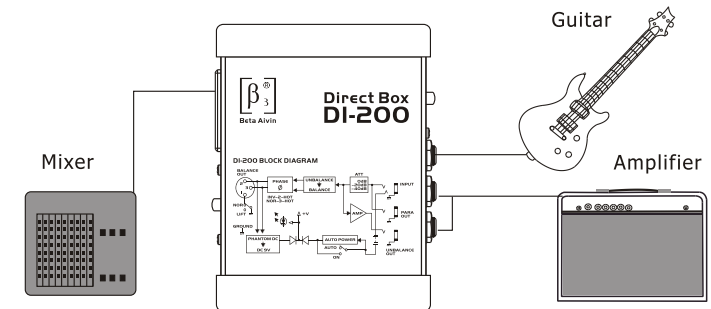


PANEL DESCRIPTION

1. Unbalance Out (1/4") : Use this Jack to connect your combo amplifier's Input Jack.
2. PARA OUT(1/4") : Use this Jack to connect your combo amplifier's Input Jack. The input signal outlet bypass.
3. INPUT(1/4") : Use this Jack to connect your instruments. It powers on when plug in and powers off when disconnecting.
4. Power LED: Lights when receiving power from phantom power. Replace with a new 9-volt battery when the LED dimming out or extinct.
5. AUTO Power: It powers off automatically if no input signal for 15 minutes and it powers on automatically with input signal.
6. Attenuator: Select a proper position according to a typical INPUT connection.
0dB: For connecting Guitar, Bass, Keyboard or other electric musical instruments.
-20dB: For connecting professional equipments.
-40dB: For connecting guitar amplifier and speakers outputs.
7. Balance Out: available to connect to the instruments need the balanced input signal. When this unit is connected to the instrument with phantom power supply, the power supply of this unit will be open automatically.
8. Nor Switch: The insulation switch between signal ground of balanced output and signal ground of input. When the noise occurred by the grounding after connecting to the instrument, switch can be set at LIFT. Normally the switch should be at NOR. When using phantom power supply, the switch must be at NOR.
9. Phase switch: Reverse the signal polarity of balance output
NOR: 3-HOT, INV: 2-HOT

CONNECTIONS

1. Connecting an instrument to input jack will automatically switch the unit on. Be sure to disconnect the cord from this jack when the unit is not being used.
2. Before connecting or disconnecting any instruments, make sure that the volume of the amplifier is turned down. Power on the connected amplifier by last and power off by first.
3. Balance Out: When using this Jack for output, to best make sure the Nor switch and Phase switch set at NOR.
4. Unbalance Out:
PARA OUT: Connecting an amplifier or pedal effect
UNBALANCE OUT: Connecting an amplifier
5. It may cause a distorted sound when connecting a high level output guitar, please turn down the volume of your guitar or use a limiter.



BATTERY REPLACEMENT

1. Pull out the battery house.
2. Take out the battery. Disconnect the battery and battery snap.
3. Replace the battery.
4. Put back the battery house

