



## DBX10AC DI BOX

# INTRODUCTION

## Intended use

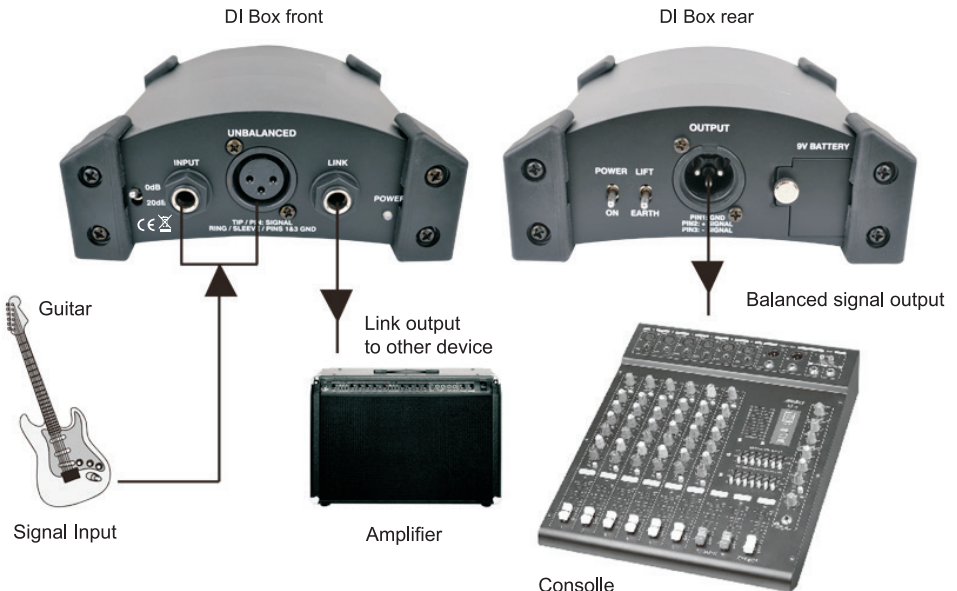
This device is intended to be used for impedance conversion and balancing of signals from musical instruments with electromagnetic pickups. It can be powered by phantom power coming from the mixer or by a 9V battery. If both sources are powering the device, phantom power comes first.

Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

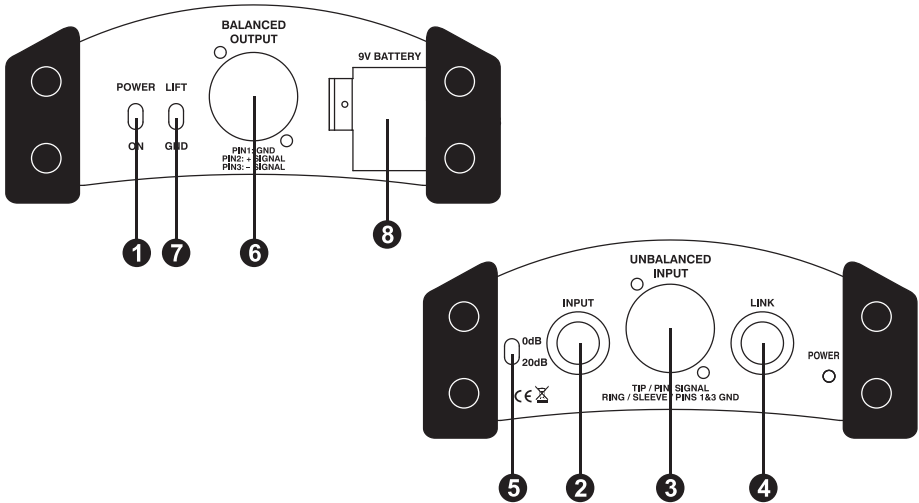
# FEATURES

- Active DI box
- Input signal with PAD switch (20 dB or 0 dB)
- Sturdy metal housing with corner protectors

# CONNECTION



# OPERATING ELEMENTS



## 1. ON/POWER

Power button can be switched on and off to preserve battery life. Switching off the button the DBX10AC will stop to work. Switching on, the DBX10AC will automatically switch between battery or phantom power. When the DBX10AC is operating on battery the POWER LED will flash once every few seconds, when operating on phantom POWER LED will light up continuously.

## 2. INPUT

1/4" jack socket to connect an instrument

## 3. UNBALANCED INPUT

XLR chassis socket to connect an instrument

## 4. LINK

1/4" jack socket to connect an amplifier or similar

## 5. 0 dB -20 dB

Switch to decrease the input signal (+20 dB or 0 dB)

## 6. OUTPUT

Balanced Output - Cannon XLR chassis socket to connect a mixer or similar

## 7. LIFT/GND

Set the switch to the "LIFT" position to interrupt the internal connection to pin 1 of the output.

## 8. BATTERY COMPARTMENT

Battery compartment. To install the battery, untighten the knurled screw and open the cover towards the edge of the device. Attach the flying lead battery terminals to the battery respecting the polarity. Insert the battery into the compartment, apply the cover and retighten the knurled screw. Should the supply via phantom voltage fail, the device switches automatically to battery operation.

## SAFETY INSTRUCTION

- Incorrectly inserted batteries may destroy the device or the batteries. Ensure that proper polarity is observed when inserting batteries.
- Leaking batteries can cause permanent damage to the device. Take batteries out of the device if it is not going to be used for a longer period.
- Never use the product in conditions of extreme temperature or humidity, in extremely dusty or dirty areas, at locations where the unit can become wet.
- To prevent damage, never use force when handling the product.
- Never immerse the product in water. Just wipe it with a clean dry cloth. Do not use liquid cleaners such as benzene, thinners or flammable cleaning agents

## TECHNICAL FEATURES

|                        |  |
|------------------------|--|
| * Frequency response:  | 10Hz-40KHz                                     |
| * Noise level:         | 105 dB   |
| * Input:               | XLR & 6.35mm                                   |
| * Line output:         | 6.35mm   |
| * Output:              | XLR balanced                                   |
| * Maximum input level: | 0/+20/+40dB                                    |
| * Power supply:        | 48V phantom power or 9V Battery (not included) |
| * Input impedance:     | > 250K Ohm                                     |
| * Load impedance:      | > 600 Ohm                                      |

## SERVICE

If your product needs servicing, follow these instructions:

1. Ensure the problem is not related to operation error or external system devices.
2. Keep this owner's manual. We don't need it to repair the unit.
3. Pack the unit in its original packaging including end card and box. This is very important. If you have lost the packaging, please make sure you have packed the unit properly. BESPECO is not responsible for any damage that occurs due to non-factory packing.
4. Call the BESPECO tech support center for further informations and authorizations.

BESPECO is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may differ from those listed or illustrated.

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