



# AudioPressBox®

## APB-116SB

Press Conference Audio Distribution Amplifier  
Owner's manual

**IMPORTANT NOTICE FOR THE UNITED KINGDOM**

**Connecting the Plug and Cord**

IMPORTANT. The wires in this mains lead are coloured in accordance with the following code:

BLUE : NEUTRAL

BROWN : LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

Making sure that neither core is connected to the earth terminal of the three pin plug.



## WARNING

**Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:**

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### Do not open

- Do not open the device or attempt to disassemble the internal parts or modify them in any way. The device contains no user-serviceable parts. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified AudioPressBox service personnel.

### Water warning

- Do not expose the device to rain, use it near water or in damp or wet conditions, or place containers on it containing liquids which might spill into any openings.
- Never insert or remove an electric plug with wet hands.



## CAUTION

**Always follow the basic precautions listed below to avoid the possibility of physical injury to you or others, or damage to the device or other property. These precautions include, but are not limited to, the following:**

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### Location

- Before moving the device, remove all connected cables.
- When setting up the device, make sure that the AC outlet you are using is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch and disconnect the plug from the outlet.
- Avoid setting all controls to their maximum. Depending on the condition of the connected devices, doing so may cause feedback and may damage the speakers.
- Do not expose the device to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration or damage to the internal components.
- Do not place the device in an unstable position where it might accidentally fall over.

### Connections

- Before connecting the device to other devices, turn off the power for all devices. Before turning the power on or off for all devices, set all volume levels to minimum.

### Handling caution

- Do not insert your fingers or hands in any gaps or openings on the device.
  - Avoid inserting or dropping foreign objects (paper, plastic, metal, etc.) into any gaps or openings on the device. If this happens, turn off the power immediately and unplug the power cord from the AC outlet. Then have the device inspected by qualified AudioPressBox service personnel.
  - Do not rest your weight on the device or place heavy objects on it, and avoid use excessive force on the buttons, switches or connectors.
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XLR-type connectors are wired as follows (IEC60268 standard): pin 1: ground, pin 2: hot (+), and pin 3: cold (-).

AudioPressBox cannot be held responsible for damage caused by improper use or modifications to the device, or data that is lost or destroyed.

The performance of components with moving contacts, such as switches, volume controls, and connectors, deteriorates over time. Consult qualified AudioPressBox service personnel about replacing defective components.

Illustrations herein are for explanatory purposes only, and may not match actual appearance during operation.

Company names and product names herein are trademarks or registered trademarks of their respective companies.

Specifications and descriptions in this owner's manual are for information purposes only. AudioPressBox reserves the right to change or modify products or specifications at any time without prior notice. Since specifications, equipment or options may not be the same in every locale, please check with your AudioPressBox dealer.



## APB-116SB

Dear customer,

Thank you for purchasing **AudioPressBox® APB-116SB**, the most sophisticated press conference distribution amplifier. Signal from four lectern's microphones or line inputs (i.e. mixing console) is distributed to independent microphone/line outputs used by multiple journalists, TV Camera operators, audio recorders and reporters at the same time. No more hassle with the multiple microphones on the table or disturbing late-coming reporters. With **AudioPressBox®** you are set in a minute with providing the perfect signal to every reporter!

### **Unpacking your AudioPressBox®**

Your AudioPressBox® comes to you packaged in the transfer box with the filling material in used to avoid any damage caused by transport.

In the package, you should find:

- 1) Power supply with mains cable
- 2) Audio Press Box®
- 3) This manual

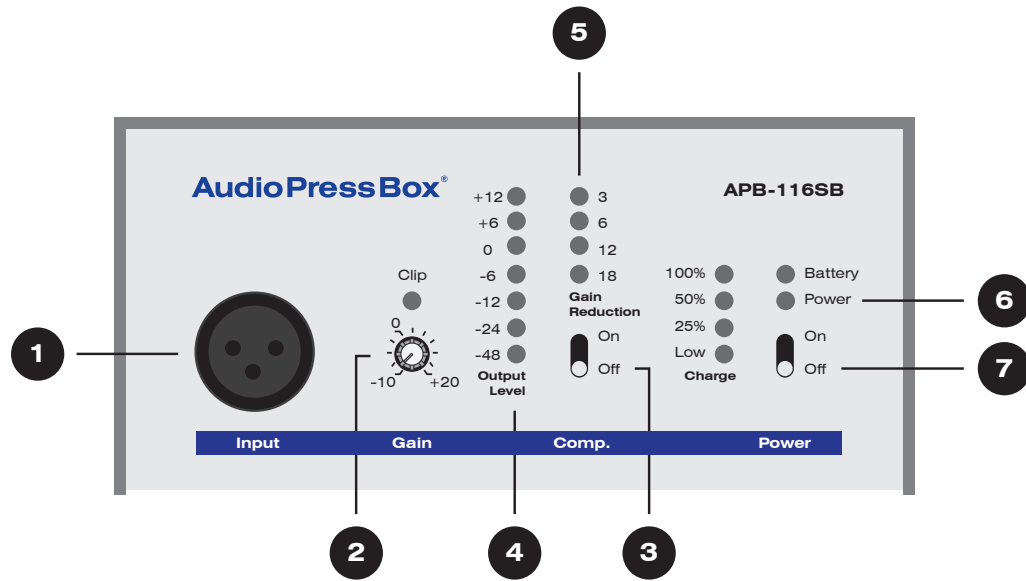
Please be careful while unpacking all the components from original package.

### **Using your AudioPressBox®**

Using every AudioPressBox® model is simple and it can be presented in 4 simple steps:

- 1) **Plug** your LINE level device in
- 2) **Set** your recording devices
- 3) **Connect** your extenders
- 4) **Start** using your Audio Press Box® by providing perfectly processed signal to every recipient, who connects his device into the output module.

# APB-P112SB - Front panel (Input section)



## 1) Input XLR LINE connector

Input your LINE-level source into this XLR balanced connector.

## 2) Input gain level knob

Input your LINE-level source into this XLR balanced connector.

## 3) Compressor/Limiter operation switch

To provide perfect output signal without clipping or distortion, you can switch the Comp button ON. If you switch this OFF, signal in output could contain signal clipping or distortion.

## 4) Output level indicator bar

You can visually monitor the level of output signal in 7-segment output indicator bar with signal clip LED. If this red light is flashing, you should reduce the gain of the microphone.

## 5) Gain Reduction indicator bar

If Comp switch is set to ON, you can visually monitor the level of Gain reduction on this 4-segment indicator bar.

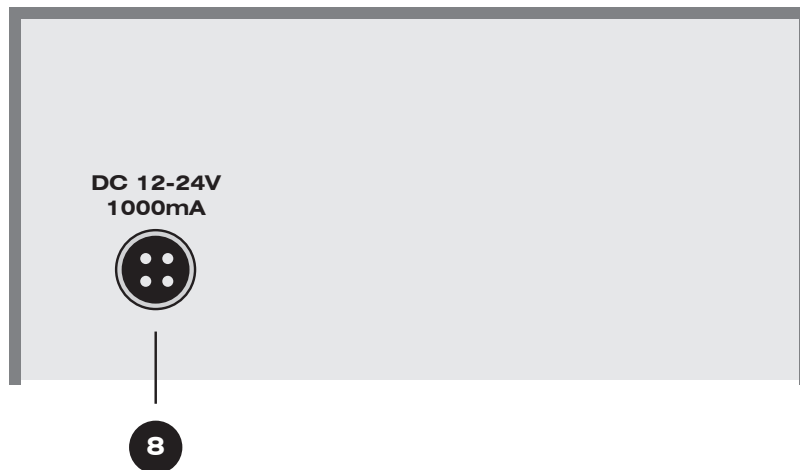
## 6) Power ON indicator

When AudioPressBox® is turned on, this indicator lights up.

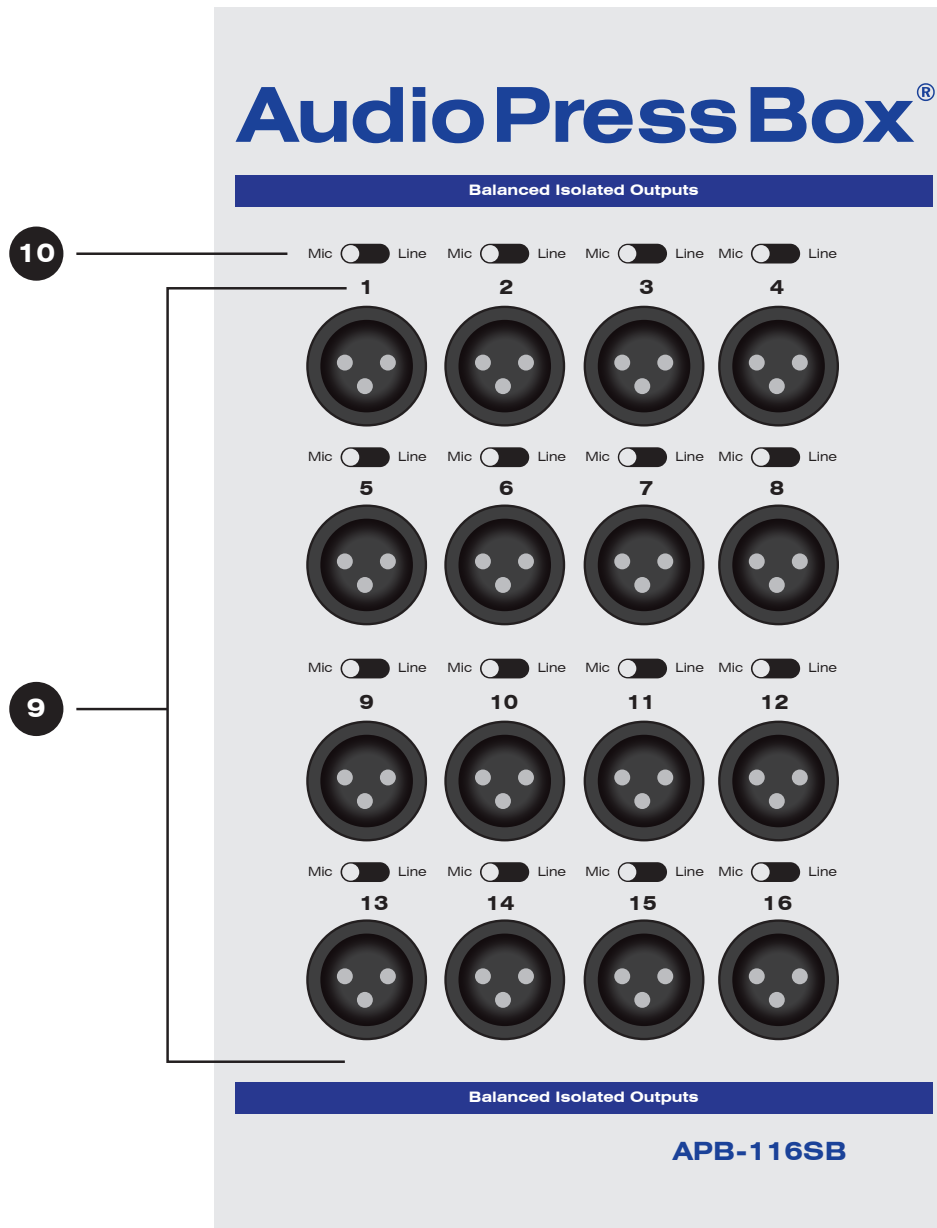
## 7) Power switch

With the power switch, you can turn your AudioPressBox® ON or OFF.

# APB-P112SB - Rear panel



# APB-P112SB - Top panel (Output section)



## 9) MIC/LINE Outputs 1-16

MIC/LINE level output XLR connectors – every output is individually transformer isolated.

## 10) MIC/LINE level select switch

You can set if you want to get Mic (-20dBu) or Line (+6dBu) level from individual output.

# Specifications

Audio Press Box APB-116 SB	
Type	1 in 16
Groups	1
Input section	
Inputs	1
Input connectors	Balanced, XLR
Max. input level	Line: +32/+2dBu
Input Impedance	>5kOhm
Output section	
Outputs	16 MIC/LINE level
Output connectors	Balanced, XLR
Nominal Output Level	-6/ 0/ +4/ +6 dBu
Maximum Output Level	+22dBu (no load) +16dBu (600kOhm)
Output impedance	Mic: 220 Ohm      Line: 600 Ohm
Transformer isolated outputs:	Yes (each output)
SNR	86dB at 0dB Gain 78dB at +20dB Gain
Frequency Response	40/160Hz (filter) to 60kHz/-1dB
Controls	Input gain, Compressor, Power, Output PAD
Indicators	Input clip, Output level, Gain reduction, Power, Battery status (with battery option)
Power Supply	24V DC, 300mA external adaptor
Battery	Li-Ion, 7.2V 2200mAh (optional)
Battery Operation Time	min. 12hrs
Dimensions (WxHxD)	150x70x300mm
Weight	3,2kg

# Audio Press Box<sup>®</sup>

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