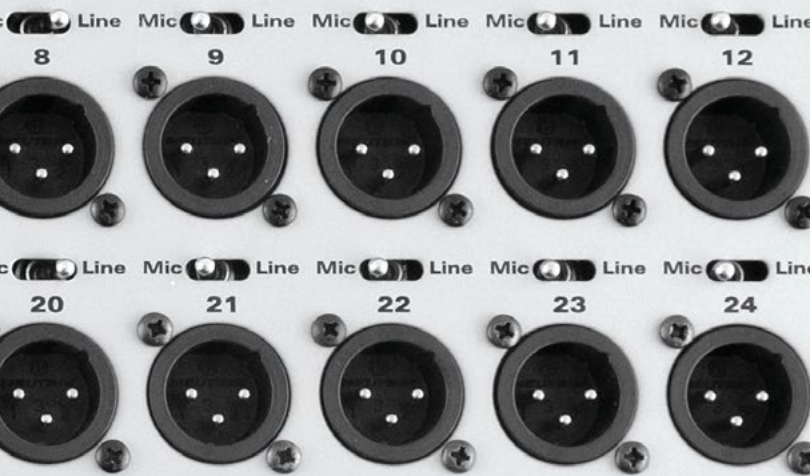# AudioPressBox®

Professional Press Conference Audio Distribution Amplifiers

Out A
Balanced Isolated Outputs

Mic Level   -20dBu
Line Level +6dBu

Out B
Balanced Isolated Outputs

Mic Level   -20dBu
Line Level +6dBu

PRODUCT CATALOGUE
2023

# INTRODUCTION

AudioPressBox®

Press Conference Audio Distribution Amplifiers

AudioPressBox is a sophisticated tool for audio distribution at press conferences, presentations and other events where audio signal has to be transmitted or recorded by multiple TVs, cameras, audio recorders, reporters and/or journalists. It can be fed directly from a microphone on a lectern or from a mixing console. With AudioPressBox® you will have no more problems to hassle with multiple microphones in front of a speaker.

"We transfer the words said authentically and securely to the whole world."

Bohumil Tonkovic / CEO

AudioPressBox®
Press Conference Audio Distribution Amplifiers

HOW DOES IT WORK?

LINE

MIC

CONTROL CHECK

CONFERENCE

PA SYSTEM

TV

BROADCAST

JOURNALIST
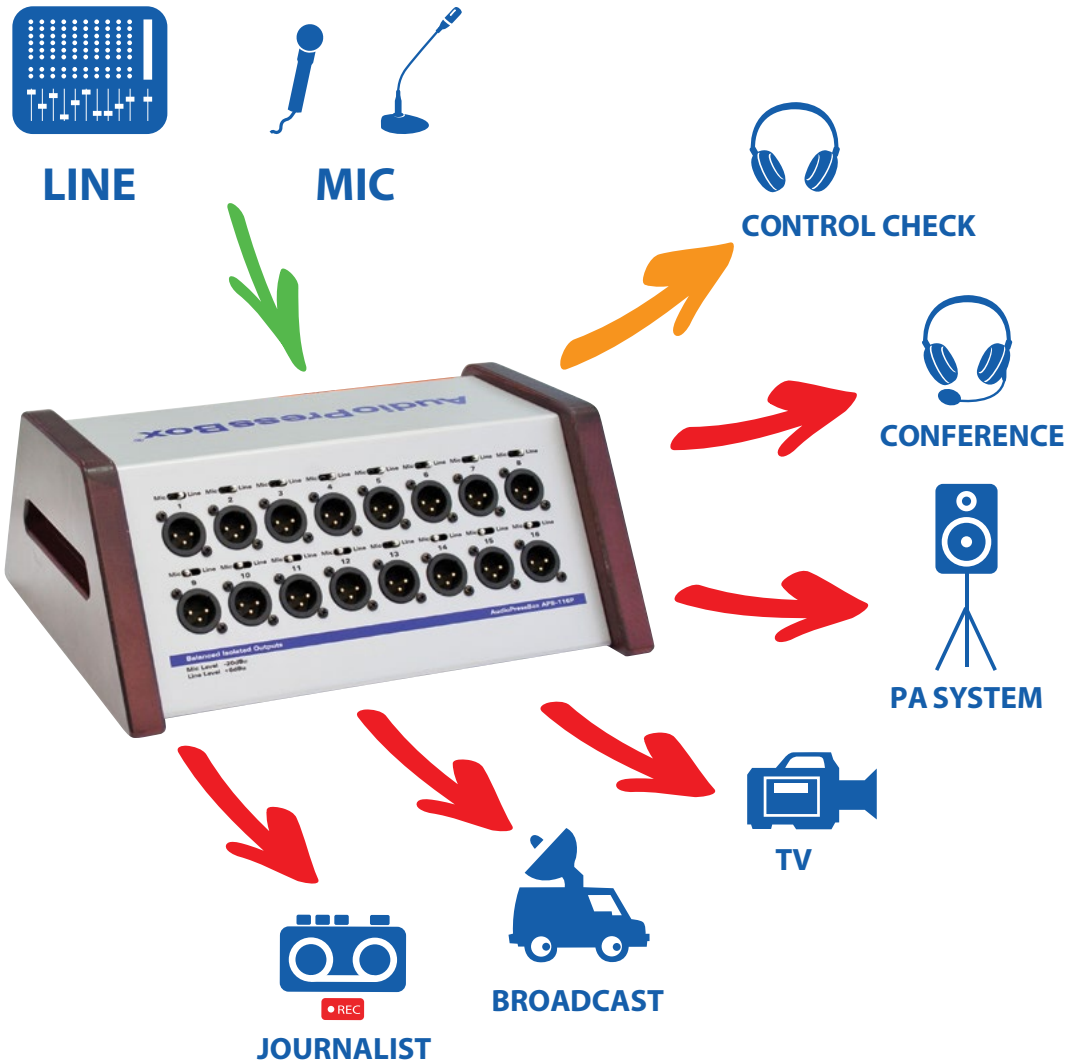
NEW IN 2023

APB-320 C-USB

Active, Portable AudioPressBox unit, 2 Analog LINE/Mic inputs, 1 Digital USB-C input & output, 16 Analog LINE/Mic outputs, 4 Digital USB-C outputs, Built-in rechargeable AccuPack (20 hours)

USB Type C

| TRANSFORMER 16x | USB-C | +48V | LINE MIC | COMP | LI-ION ACCU PACK (20 HRS) | AC |

2 Analog LINE/Mic inputs with phantom power • 1 Digital **USB-C input & output** • 16 Analog (XLR) high quality balanced, individually transformer isolated outputs • 4 Digital **USB-C outputs** • XLR outputs are switchable between Line or MIC level • Built-in Compressor and Limiter for Analog (XLR) inputs • Li-Ion **AccuPack** with microprocessor controlled battery management, **up to 20 hour** full load capacity.

www.audiopressbox.com

/products/apb-320-c-usb

AudioPressBox®
Press Conference Audio Distribution Amplifiers

APB-216 C-D

Active, Portable AudioPressBox unit, 1-channel Dante input, 2 Analog LINE/Mic inputs with phantom power, 16 LINE/Mic outputs, Built-in rechargeable AccuPack (20 hours)

Dante®
SPOKEN HERE

APB-216 C

Active, Portable AudioPressBox unit, 2 Analog LINE/Mic inputs with phantom power, 16 LINE/Mic outputs, Built-in rechargeable AccuPack (20 hours)

Analog solution

| TRANSFORMER 16x | +48V | LINE MIC | COMP | LI-ION ACCU PACK (20 HRS) | + | AC |

- 1-channel DANTE input
- 2 Analog LINE/Mic inputs with phantom power

- 2 Analog LINE/Mic inputs with phantom power

2 Analog LINE/Mic inputs with phantom power, 16 high quality balanced, individually transformer isolated outputs • Each output is switchable between Line or MIC level • Built-in Compressor and Limiter for each Input • Li-Ion **AccuPack** with microprocessor controlled battery management, up to 20 hour full load capacity

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Dante ENABLED

APB-112 IW-D

Active, In Wall AudioPressBox unit, 1-channel DANTE input, 12 LINE/Mic outputs

Dante
SPOKEN HERE

Powered
via
PoE

1- channel **DANTE** input, 12 high quality balanced, individually transformer isolated outputs • Each output is switchable between Line or MIC level • The unit is powered only via **PoE** from **DANTE** network, thanks to **DANTE** patching you can easily expand the number of channels or the number of outputs by adding other APB-112 IW-Ds.

AudioPressBox®
Press Conference Audio Distribution Amplifiers

APB-112 SB-D

Active, Portable AudioPressBox unit, 1-channel DANTE input, 12 LINE/Mic outputs

Powered via **PoE**

1- channel **DANTE** input, 12 high quality balanced, individually transformer isolated outputs • Each output is switchable between Line or MIC level • The unit is powered only via **PoE** from **DANTE** network, thanks to **DANTE** patching you can easily expand the number of channels or number of outputs by adding other APB-112 SB-Ds.

APB-112 OW-D

Active, On Wall AudioPressBox unit, 1-channel DANTE input, 12 LINE/Mic outputs

Powered via **PoE**

1- channel **DANTE** input, 12 high quality balanced, individually transformer isolated outputs • Each output is switchable between Line or MIC level • The unit is powered only via **PoE** from **DANTE** network, thanks to **DANTE** patching you can easily expand the number of channels or the number of outputs by adding other APB-112 OW-Ds.

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/products/apb-112-sb-d

www.audiopressbox.com
/products/apb-112-ow-d

APB-D216 R-D (Also available as APB-D116 R-D)

Active 19" rack AudioPressBox Drive Unit, 2 LINE Inputs, 2-channel Dante Interface, 16 Line/MIC Outputs, 2 buffered Outputs for up to 6 AudioPressBox expanders - up to 48 additional Line/MIC Outputs.

HPF	COMP	TRANSFORMER 16x	DRIVER 2x 24	AC	Dante™

APB-D216 R-D features **Analog** and **Dante** inputs with high-quality digital-to analog converters • You can choose between analog or Dante Inputs • It has 16 Line/MIC Level Outputs and 2 separately buffered Outputs for up to 6x APB-008 expanders • Maximum drive capacity is 48 Line/MIC Outputs • Total maximum of 16+48 Line/MIC Outputs.

APB-D216 R-D serves as a drive unit for APB expanders: *APB-008 SB-EX, APB-008 OW-EX, APB-008 IW-EX, APB-008 FB-EX, APB-024 R-EX, APB-P008 OW-EX, APB-P008 IW-EX, APB-P112 SB-EX*

APB-008 SB-EX   APB-008 OW-EX   APB-008 IW-EX   APB-008 FB-EX   APB-024 R-EX
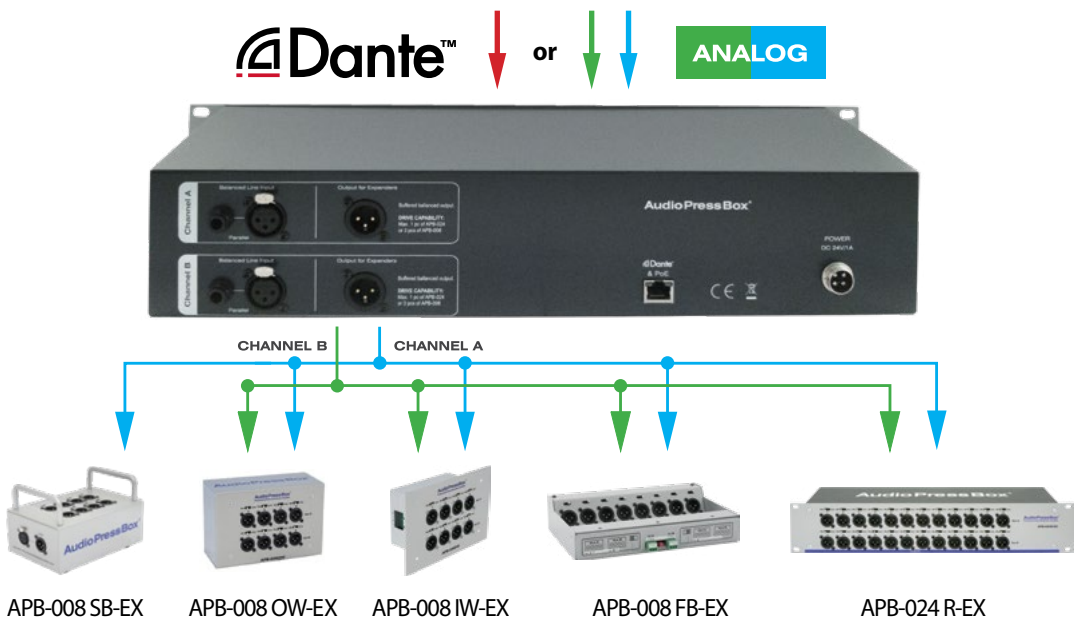
AudioPressBox®
**Press Conference Audio Distribution Amplifiers**

APB-D200 R-D

Active 19" rack AudioPressBox Drive Unit, 2 LINE / Dante Inputs, 2x2 buffered Outputs to feed AudioPressBox expanders - up to 96 Line/MIC Outputs.

APB-D200 R-D features **Analog** and **Dante** inputs with high-quality digital-to analog converters. You can choose between analog or Dante Inputs.

APB-D200 R-D serves as a drive unit for APB expanders: *APB-008 SB-EX, APB-008 OW-EX, APB-008 IW-EX, APB-008 FB-EX, APB-024 R-EX, APB-P008 OW-EX, APB-P008 IW-EX, APB-P112 SB-EX*

| APB-008 SB-EX | APB-008 OW-EX | APB-008 IW-EX | APB-008 FB-EX | APB-024 R-EX |
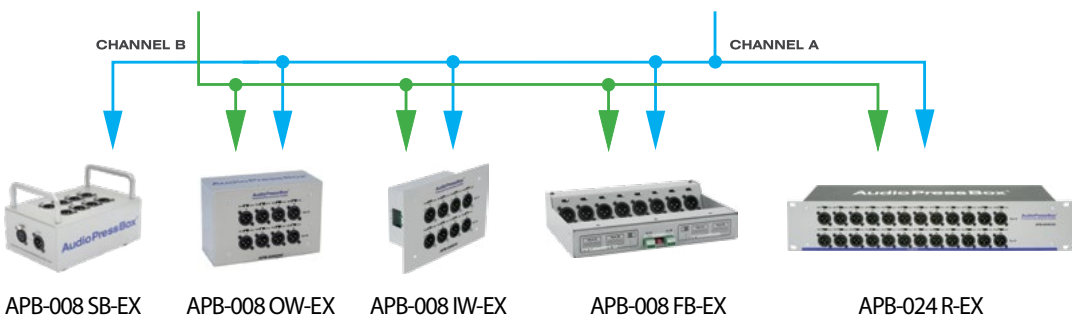
www.audiopressbox.com

/products/apb-d200-r-d

PORTABLE

APB-1.32 CB

Portable AudioPressBox case bundle, 1 Line Input,
32 Individually Transformer Isolated Line/MIC Outputs (4x 8 Line/MIC Outputs)

Professional heavy duty case bundle for both indoor and outdoor press conferences including one active portable AudioPressBox Drive unit - APB-D100 and four portable expanders - APB-008 SB-EX which is providing you with 32 individually transformer isolated Line/MIC Outputs • Expanders can be daisy chained up to 500 m

1 balanced LINE Input • Switchable High-Pass filter • Switchable Compressor and Limiter for Input channel • 2 separately buffered Outputs for 6x AudioPressBox 8-output expanders.

Professional portable AudioPressBox case bundle includes:

Heavy duty case   +   APB-D100   + 4x   APB-008 SB-EX

AudioPressBox®
Press Conference Audio Distribution Amplifiers

APB-224 C

Active distribution amplifier in waterproof case, 2 MIC/LINE Input, 24 LINE/MIC Outputs, Built-in Li-Ion AccuPack for up to 10 hours

APB-416 C

Active distribution amplifier in waterproof case, 4 MIC/LINE Input, 16 LINE/MIC Outputs, Built-in Li-Ion AccuPack for up to 10 hours

PORTABLE

TRANSFORMER 24x | **+48V** | **PAD 26dB** | **BUS A/B** | **AFL** | **PFL** | **HPF** | **COMP** | **OSC** | **LI-ION ACCU PACK (10 HRS)** + **AC** | **TRANSFORMER 16x**

2 MIC (phantom)/LINE Input - balanced with gain control and 26dB PAD • Each Input is routable to A/(A+B)/B Output Groups • 24 High quality balanced Outputs, individually transformer isolated and switchable LINE or MIC Output level. Two internal Output Groups: 12xOut A and 12xOut B

4 MIC (phantom)/LINE Input - balanced with gain control and 26dB PAD. Each Input is routable to A/(A+B)/B Output Groups • 16 High quality balanced Outputs, individually transformer isolated and switchable LINE or MIC Output level. Two internal Output Groups: 8xOut A and 8xOut B

Switchable High-Pass filter, Compressor and Limiter for each Input channel • Constant level Test signal oscillator with no mistake switch operation • Headphone control Output with PFL/AFL for each Input/Output channel • Built-in Li-Ion AccuPack with microprocessor controlled battery management, up to10 hour full load capacity.

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/products/audiopressbox-

224c

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/products/audiopressbox-

416c

APB-116 P

Active portable AudioPressBox, 1x MIC/LINE Input

16 LINE/MIC Outputs, Built-in Li-Ion AccuPack for up to 10 hours

+48V | PAD 26dB | HPF | COMP | OSC | LI-ION ACCU PACK (10 HRS) | + | AC | TRANSFORMER 16x

Professional active portable AudioPressBox unit • 1 MIC (phantom)/LINE Input - balanced with gain control and 26dB PAD • 16 High quality balanced Outputs, individually transformer isolated and switchable LINE or MIC Output level • Switchable High-Pass filter, Compressor and Limiter • Constant level Test signal oscillator with no mistake switch operation • Headphones control Output • Built-in Li-Ion AccuPack with microprocessor controlled battery management, up to 10 hour full load capacity.

APB-116 SB

Active portable AudioPressBox, 1x LINE Input

16 LINE/MIC Outputs, Built-in Li-Ion AccuPack for up to 10 hours

HPF | COMP | LI-ION ACCU PACK (10 HRS) | + | AC | TRANSFORMER 16x

Professional active portable AudioPressBox unit • 1 LINE Input - balanced with adjustable gain -10db to +20 dB • 16 High quality balanced Outputs, individually transformer isolated and switchable LINE or MIC Output level • Built in High-Pass filter • Switchable Compressor and Limiter for Input channel • Built-in Li-Ion AccuPack with microprocessor controlled battery management, up to 10 hour full load capacity.

AudioPressBox®
Press Conference Audio Distribution Amplifiers

APB-124 SB

Active portable AudioPressBox, 1x MIC/LINE Input

24 LINE/MIC Outputs, Input Link, Built-in Li-Ion AccuPack up to 10 hours

+48V	PAD 26dB	HPF	COMP	OSC	LI-ION ACCU PACK (10 HRS)	+	AC	TRANSFORMER 24x

Professional active portable AudioPressBox unit • 1 MIC (phantom)/LINE Input - balanced with gain control and 26dB PAD • Input link Output (parallel to Input connector) • 24 High quality balanced Outputs, individually transformer isolated and switchable LINE or MIC Output level • Switchable High-Pass filter, Compressor and Limiter for Input channel • Constant level Test signal oscillator with no mistake switch operation • Headphone control Output • Built-in Li-Ion AccuPack with microprocessor controlled battery management, up to 10 hour full load capacity.

APB-P112 SB

Passive portable stagebox AudioPressBox

1x LINE Input, 12 MIC Outputs

TRANSFORMER 12x

Professional passive portable AudioPressBox unit • 1x balanced LINE Input with max. Input level of +24 dBu • 12 High quality balanced Outputs, individually transformer isolated • Nominal MIC Output level -38 dBu (0dBu on the input).

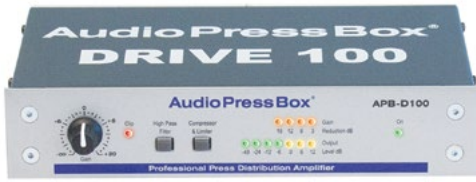**Requires audio source:** *Balanced Line Output of professional audio equipment*

www.audiopressbox.com

/products/audiopressbox-

124sb

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/products/audiopressbox-

p112sb

APB-D100

Active portable AudioPressBox Drive unit, 1 LINE Input,
2 buffered Outputs for 6 AudioPressBox expanders (6x8 or 2x24 Outputs)

Professional active portable AudioPressBox Drive unit • 1 balanced LINE Input • Switchable High-Pass filter • Switchable Compressor and Limiter for Input channel • 2 separately buffered Outputs that can drive 6x APB-008 or 2x APB-024 Output expanders • Maximum drive capacity 48 Line or Mic Outputs

Drive unit for: *APB-008 SB-EX, APB-008 IW-EX, APB-008 OW-EX, APB-008 FB-EX, APB-024 R-EX, APB-P008 OW-EX, APB-P008 IW-EX, , APB-P112 SB-EX*

APB-008 SB-EX

Passive portable AudioPressBox Expander
8 LINE/MIC Out

Professional passive portable AudioPressBox expander unit • 1 balanced Input for APB drive unit with link Output for another unit • 8 High quality balanced Outputs, individually transformer isolated and switchable between LINE or MIC Output level • You can link up to 3x APB-008 SB-EX together.

Requires a drive unit: *APB-208 R (RPS), APB -400 R (RPS), APB-D100, APB-D100 R, APB-D200 R*

www.audiopressbox.com/
products/apb-d100

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products/apb-008-sb-ex

AudioPressBox®
Press Conference Audio Distribution Amplifiers

APB-448 SB

Active portable distribution amplifier, 4 MIC/LINE routable Inputs,

48 LINE/MIC Outputs, Built-in Li-Ion AccuPack 8 hours

| +48V | PAD 26dB | BUS A/B | AFL | PFL | HPF | COMP | OSC | LI-ION ACCU PACK (8 HRS) | + | AC | TRANSFORMER 48x |

Professional active AudioPressBox portable unit • 4 MIC (phantom)/LINE Input - balanced with gain control and 26dB PAD • Each Input is routable to A/(A+B)/B Output Groups • 48 High quality balanced Outputs, individually transformer isolated and switchable between LINE or MIC Output level. Two internal Output Groups: 24xOut A and 24xOut B • Switchable High-Pass filter, Compressor and Limiter for each Input channel • Constant level Test signal oscillator with no mistake switch operation • Built-in Li-Ion AccuPack.

ACCESSORIES

RC 3,5-XLR1

AudioPressBox Recording cable single channel

RC 3,5-XLR8

AudioPressBox Recording cable 8x channel

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448sb

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13 / 14

INSTALLATION

APB-116 R

Active 19" rack AudioPressBox, 1x MIC/LINE Input

16 LINE/MIC Output

+48V	PAD 26dB	HPF	COMP	OSC	AC	TRANSFORMER 16x

Professional active AudioPressBox, 19" rack for portable or fixed installation • 1 MIC (phantom)/ LINE Input - balanced with gain control and 26dB PAD • 16 High quality balanced Outputs, individually transformer isolated and switchable between LINE or MIC Output level • Switchable High-Pass filter, Compressor and Limiter for each Input channel • Constant level Test signal oscillator with no mistake switch operation • Headphone control Output.

APB-208 R

Active 19"rack AudioPressBox distribution Drive unit, 2x MIC/LINE routable Input

8 LINE/MIC Output, 4 buffered Outputs (2x A, 2x B) for 12 AudioPressBox

expanders (each expander has 8 outputs)

+48V	PAD 26dB	BUS A/B	AFL	PFL	HPF	COMP	OSC	TRANSFORMER 8x	DRIVER 4x 24	AC

Professional active AudioPressBox Drive unit for expanders, 8 Outputs,19" rack for portable or fixed installation • 2 MIC (phantom)/LINE Input - balanced with gain control and 26dB PAD • Each Input is routable to A/(A+B)/B Output Groups • Parallel Inputs on the rear panel • 8 High quality balanced Outputs, individually transformer isolated and switchable between LINE or MIC Output level. Two internal Output Groups: 4x Out A and 4x Out B • 2 separate buffered A and B Outputs for driving up to 12 AudioPressBox expanders (each expander has 8 outputs) • Switchable High-Pass filter, Compressor and Limiter for each Input channel • Constant level Test signal oscillator with no mistake switch operation • Headphone control Output with PFL/AFL for each Input/Output channel.

AudioPressBox®
Press Conference Audio Distribution Amplifiers

APB-D100 R

**Active 19" rack AudioPressBox Drive unit, 1 LINE Input,
2 buffered Outputs for 6 AudioPressBox expanders (6x8 or 2x24 Outputs)**

Professional active 19" rack AudioPressBox Drive unit • 1 balanced LINE Input • Switchable High-Pass filter • Switchable Compressor and Limiter for Input channel • 2 separately buffered Outputs that can drive 6x APB-008 or 2x APB-024 Output expanders • Maximum drive capacity 48 Line or Mic Outputs.

Drive unit for: *APB-008 SB-EX, APB-008 IW-EX, APB-008 OW-EX, APB-008 FB-EX, APB-024 R-EX, APB-P008 OW-EX, APB-P008 IW-EX, , APB-P112 SB-EX*

APB-D200 R

**Active 2 Channel 19" rack AudioPressBox Drive Unit, 2 LINE Inputs,
4 buffered Outputs for 12 AudioPressBox expanders (12x8 or 4x24 Outputs)**

Professional active 19" rack AudioPressBox Drive unit • 2 Channels (2x balanced LINE Input) • Switchable High-Pass filter for each Input channel • Switchable Compressor and Limiter for each Input channel • 4 separately buffered Outputs (2 for each channel) that can drive 6x APB-008 or 2x APB-024 Output expanders • Maximum drive capacity 96 Line or Mic Outputs.

Drive unit for: *APB-008 SB-EX, APB-008 IW-EX, APB-008 OW-EX, APB-008 FB-EX, APB-024 R-EX, APB-P008 OW-EX, APB-P008 IW-EX, , APB-P112 SB-EX*

www.audiopressbox.com/
products/apb-d100-r

www.audiopressbox.com/
products/apb-d200-r

APB-024 R-EX

19" rack AudioPressBox Expander, 24 LINE/MIC Out

TRANSFORMER 24x

Professional passive AudioPressBox expander 19" rack unit • 24 High quality balanced Outputs, each Output is individually transformer isolated • Each Output is switchable between LINE or MIC Output level • 2 internal Output Groups: 12x Output A and 12x Output B.

Requires a drive unit: *APB-208 R (RPS), APB -400 R (RPS), APB-D100, APB-D100 R, APB-D200 R*

APB-008 FB-EX

Passive Floor-box AudioPressBox Expander, 8 LINE/MIC Out

TRANSFORMER 8x

Professional passive AudioPressBox floor-box expander • 8 High quality balanced Outputs, each Output is individually transformer isolated and switchable LINE or MIC Output level • Two groups (A, B) with for 4 Outputs per group • Color: Silver (APB-008 FB-EX-SV), White (WH) or Black (BK) • It is compatible with floor boxes from OBO Bettermann and PUK.

Requires a drive unit: *APB-208 R (RPS), APB -400 R (RPS), APB-D100, APB-D100 R, APB-D200 R*

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-024r-ex

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-008fb

AudioPressBox®
Press Conference Audio Distribution Amplifiers

APB-008 IW-EX

Passive In-wall AudioPressBox

Expander, 8 LINE/MIC Out

APB-008 OW-EX

Passive On-wall AudioPressBox

Expander, 8 LINE/MIC Out

TRANSFORMER 8x

Professional passive In-wall / On-wall AudioPressBox expander unit • 8 High quality balanced Outputs, each Output is individually transformer isolated and switchable between LINE or MIC Output level • Two Groups (A,B) with 4 Outputs per Group • Color: Silver (APB-008 OW-EX-SV / APB-008 IW-EX-SV), White (WH) or Black (BK).

Requires a drive unit: *APB-208 R (RPS), APB -400 R (RPS), APB-D100, APB-D100 R, APB-D200 R*

APB-P008 IW-EX

Passive In-wall AudioPressBox

1 Line In, 8 MIC Out

APB-P008 OW-EX

Passive On-wall AudioPressBox

1 Line In, 8 MIC Out

TRANSFORMER 8x

Professional passive In-wall / On-wall AudioPressBox unit for installation • 1x balanced LINE Input with max. Input level of +24 dBu • 8 High quality balanced Outputs, each Output is individually transformer isolated • Nominal MIC Output level: -38 dBu (0dBu on the input) • Color: Silver (APB-008 OW-EX-SV / APB-008 IW-EX-SV), White (WH) or Black (BK).

Requires a drive unit: *APB-208 R (RPS), APB -400 R (RPS), APB-D100, APB-D100 R, APB-D200 R*
Possible audio source: *Balanced Line Output of professional audio equipment*

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-008iw

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/products/audiopressbox
-p008iw

APB FEATURES

BUILT-IN ACCUPACK:

AudioPressBox includes a built-in rechargeable Li-Ion AccuPack for independent operation without power supply (8 - 10 hours operation). Professional and user friendly solution without memory effect.

TEST OSCILLATOR:

The test oscillator simulates the peak audio levels of the AudioPressBox. It is used before the actual start of the conference, so that the people from the media could easily set up the nominal audio levels in their devices connected to the AudioPressBox. This ensures that the media get only the best signal possible during the whole conference.
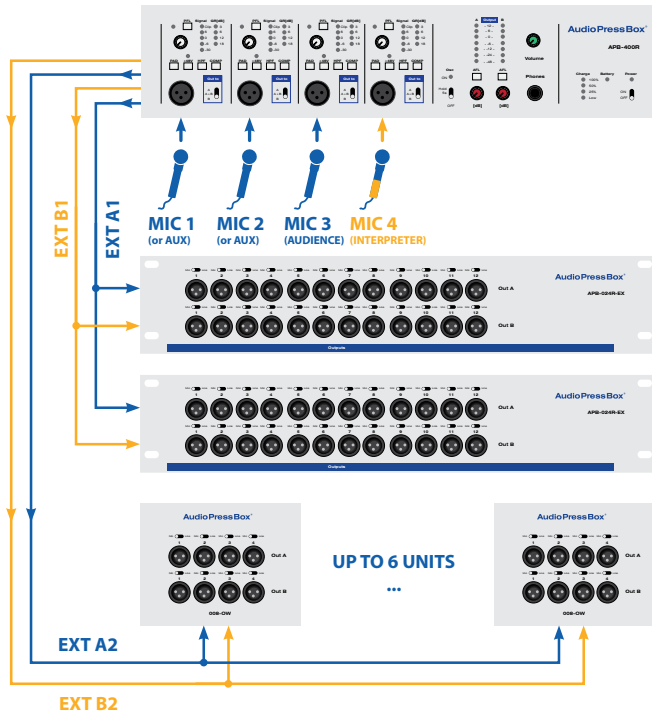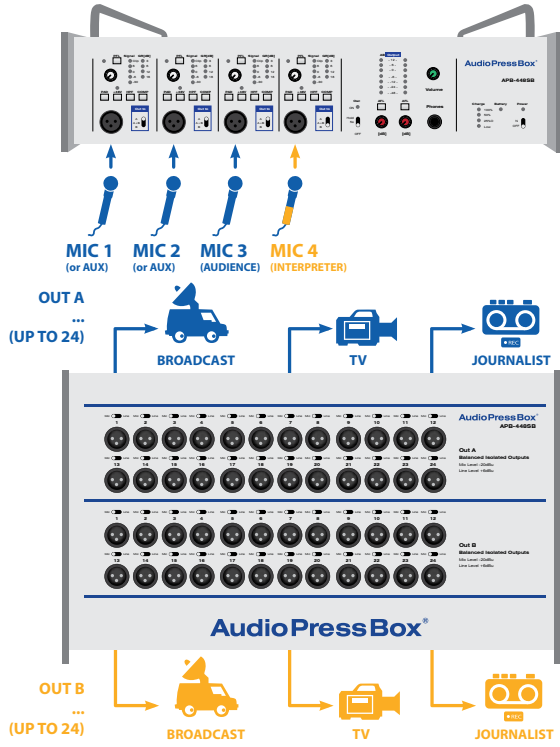
REDUNDANT POWER SUPPLY:

Each power supply is capable of powering the entire AudioPressBox and only one is active at a time. If one fails the other power supply keeps the AudioPressBox powered up. The switch between the power supplies is seamless, to not interrupt the normal use of the AudioPressBox.

The redundant power supply is necessary for very important events (Elections, Government speech, etc) to minimize the chance of failure. The key features of RPS are reliability and safety.

PRIMARY POWER SOURCE   SECONDARY POWER SOURCE

AUTOMATIC POWER SWITCHING

AudioPressBox®
Press Conference Audio Distribution Amplifiers

APPLICATION DIAGRAM

MIC 1 (or AUX)
MIC 2 (or AUX)
MIC 3 (AUDIENCE)
MIC 4 (INTERPRETER)

OUT A
...
(UP TO 24)

BROADCAST

TV

JOURNALIST

AudioPressBox®

OUT B
...
(UP TO 24)

BROADCAST

TV

JOURNALIST

EXT B1
EXT A1

MIC 1 (or AUX)
MIC 2 (or AUX)
MIC 3 (AUDIENCE)
MIC 4 (INTERPRETER)

UP TO 6 UNITS
...

EXT A2

EXT B2

www.audiopressbox.com

/pages/applications

APPLICATION SCHEME

PORTABLE

Press conference with
a mixing console and speakers

APB-116 P
1 IN
16 OUT Line/Mic

APB-RC 3,5-8
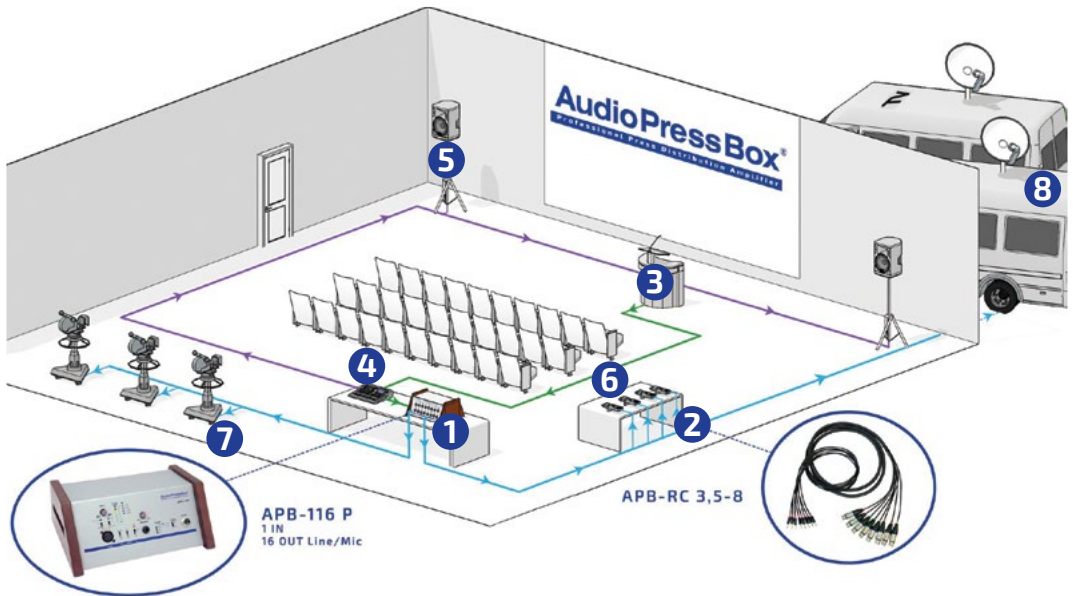
1	APB-116 P	**5**	Sound distribution
2	RC 3,5-8	**6**	Digital voice recorder
3	Lectern	**7**	TV camera
4	Mixing console	**8**	OB Van

AudioPressBox®
Press Conference Audio Distribution Amplifiers

FIXED INSTALLATION

Dante-enabled press conference with a lectern,
mixing console and speakers
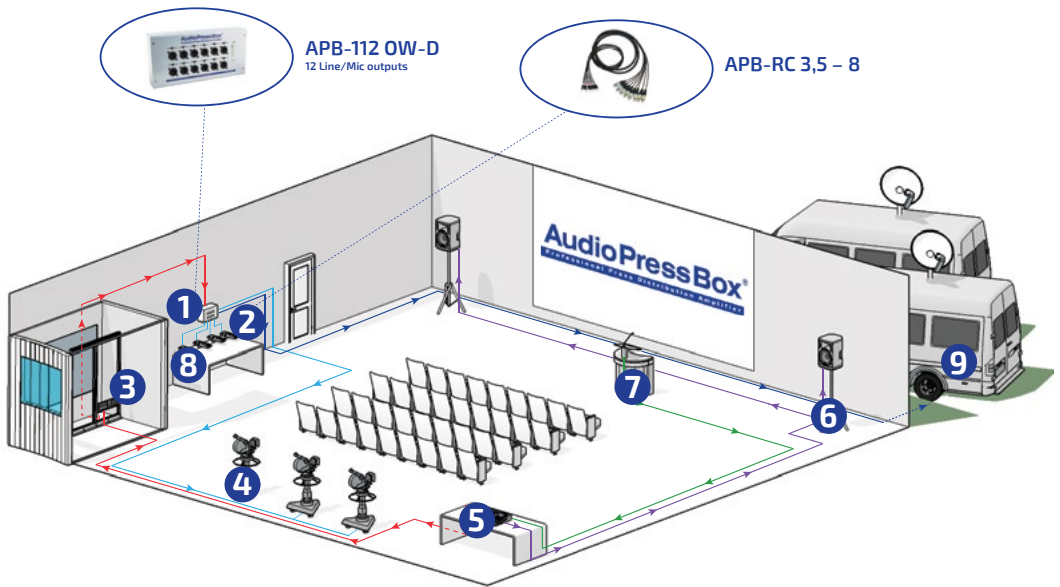
APB-112 OW-D
12 Line/Mic outputs

APB-RC 3,5 – 8

1 APB-112 OW-D

2 APB-RC 3,5 - 8

3 Poe switch

4 Camera

5 Mixing console

6 Sound distribution

7 Lectern

8 Digital voice recorder

9 OB van

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/pages/applications

AudioPressBox®

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