

AUDAC

FESTA500

2 x PX108 + SX12 + D3

Set Solutions

With the extensive range of speakers and amplifiers it is possible to find a suitable solution for nearly every situation. Because it is often difficult to find an appropriate combination of matching speakers and amplifiers, we made a selection of the most popular ready-to-use sets that can be used for a wide variation of applications.

Some sets are meant to be used in applications where music is the key element, such as dance cafés, pubs and clubs while other sets are meant to be used in commercial as well as residential applications.

FESTA 500

The FESTA500 combination is recommended to be used in medium fixed indoor applications such as medium sized pubs, clubs and dance cafés. It is even possible to expand up to several pieces of this system to have a more spread out sound for larger applications.



D3

Power Amplifier

AUDAC

► Features

- Professional Class AB Power Mosfet Amplifier
- Designed to provide robust, clean output
- Replaceable dust filter
- Equipped with original Neutrik connectors
- Stereo or Bridged mode
- Protection circuit: DC, Clip and Overheat
- Two channel volume control

► Applications

- Conference spaces
- Retail stores
- Hotels
- Restaurants
- Multimedia projects
- Clubs



The AUDAC D series are professional power amplifiers, suitable for most common low impedance high power sound systems. They are designed as no-nonsense amplifiers with only the necessary controls and connections. This creates great simplicity in use and installation.

They are built as 2 channel amplifiers with a bridge function, built-in limiter and a multipurpose protection circuit. The protection circuit detects DC malfunction, short circuit, overheating, overload and limits the signal when necessary.

The D3 delivers an output power of 2 x 300 Watt at 8 Ohm and 2 x 450 Watt at 4 Ohm. In bridge mode it can deliver a power of 900 Watt at 8 Ohm and 1200 Watt at 4 Ohm.

On the front of the D3, there's for each channel a volume control, a signal LED to check if there is a signal present on the appropriate channel, a clip LED to indicate when the signal is too strong and should be reduced and a protection LED to warn when the protection circuit kicks in, to avoid damage to the amplifier.

Each channel has its own, separate signal input on a balanced XLR connector and an output on speakon connector.

A ground-lift switch is also provided to avoid humming sound produced by ground loops.

All models from this serie have the 2 HE 19" rack mount chassis.

► Specifications

SYSTEM SPECIFICATIONS	
RMS Power @ 8 Ohm	2 x 300 W
RMS Power @ 4 Ohm	2 x 450 W
RMS Power @ 8 Ohm bridged	900 W
RMS Power @ 4 Ohm Bridged	1200 W
Input impedance	20 Kohm balanced 10 Kohm unbalanced
Input sense	0.775 V
Frequency response -3dB	20 Hz - 20 kHz
THD+N by 1kHz	< 0,05% @ 8 Ohm
Signal to noise ratio	> 93 dB
Slew rate	40 V / μ Sec
Power supply	240 V AC / 50-60 Hz
Damping Factor	> 200
Cross talk	> 70 dB @ 8 Ohm @ 1 kHz
Protection	DC short circuit Overheat Over load Signal limiting
PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	482 x 88 x 460 mm
Weight net	22.7 Kg
Mounting	19"
Unit height	2 HE
Construction	Steel
Colour	Black
SHIPPING & ORDERING	
Packaging	Carton box
Shipping weight and volume	25 Kg - 0.0483 Cbm

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► Features

- High-fidelity, full range reproduction of music and speech
- Coverage pattern 90° x 60°
- Vertical or Horizontal coverage
- 12 Built-in rigging points
- Stand fitting built in bottom
- Scratch-free EPDM coating

► Applications

- Concerts
- Clubs
- Pubs
- Indoor festivals
- Athletic fields
- Events



AUDAC's PX108 cabinet is a compact, full range loudspeaker designed to be used especially in indoor installations.

It delivers a clear and natural sound. The loudspeaker has a 8" cone driver and a 1" HF driver with a coverage pattern of 90° x 60° and is designed to work vertically as well as horizontally.

Average power handling is 150 W. On-axis frequency range is 95Hz to 18kHz. On-axis sensitivity (1W/1m) is 95 dB SPL and even reaches a maximum SPL of 117 dB.

For extra safety, there's a protection circuit placed inside to protect the 1" tweeter when overload occurs.

The PX series have a MDF wooden enclosure with scratch free, durable textured EPDM black painting and ergo grips.

The built-in bottom 35 mm speaker stand adapter can be replaced by a M10 screw flange. With M10 screw flange attachment points on top and bottom, the PX108 can be mounted in any direction with an optional suspension bracket. With the 12 rigging points on every side of the speaker, it's also possible to let him fly.

At the back of the PX108, there are two Speakon NL4MP Neutrik connectors. One of these two Speakon connectors can be used for linking a second PX108 to the first one.

Optional accessoires:

- CPB108P Cover bag
- MBK108 Wall bracket

► Specifications

SYSTEM SPECIFICATIONS		
Max power	300 W	
RMS power	150 W	
Impedance speaker	8 Ohm	
Sound pressure 1W/1m	95 dB	
Sound pressure Max W/1m	117 dB	
Frequency response -3dB	95 Hz - 18 kHz	
Frequency range -10dB	70 Hz - 20 kHz	
Cross-over frequency	2.5 kHz	
Crossover network	Passive built-in	
Horizontal coverage	90°	
Vertical coverage	60°	
PRODUCT FEATURES		
Dimensions (Width x Height x Depth)	290 x 505 x 300 mm	
Weight net	14 Kg	
Drivers	HF 1" / MF 8"	
Connectors	2 x Speakon NL4MP Neutrik	
Construction	Medium density wood with EPDM black coating	
Front finish	Perforated steel grill	
Rigging flying points	12 x M10	
Carry handles	One at the side	
Rigging stand fitting	Built-in bottom 35 mm + M10 screw flange	
Colour	Black (RAL9005)	PX108/B
	White (RAL9010)	PX108/W
SHIPPING & ORDERING		
Packaging	Carton box	
Shipping weight & volume	16 Kg - 0.075 Cbm	
Accessories	CPB108P Protective cover bag	
	MBK108 wall bracket + Safety	
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SX12

Bass Cabinet

AUDAC

► Features

- Passive crossover filter
- Integrated M10 screw flange speaker adapter
- Two integrated carry handles for easy transportation
- Flat frequency response
- Dual coil 12" driver
- Scratch-free textured EPDM coating

► Applications

- High power indoor applications
- Clubs
- Theatre
- Broadcast
- PA systems



The AUDAC SX12 is a compact, light-weight dual 12" subwoofer-cabinet.

This subwoofer is perfect for any small indoor application.

The use of a passive crossover filter makes it possible that a small PA-set can be driven by only one amplifier!

An ideal solution for upgrading your PX108 or PX110 set.

The cabinet is constructed of 18 mm multi-ply hardwood and coated with scratch free and durable black textured EPDM coating.

Its built-in head base makes it possible to combine with any top-cabinet of your choice. The head base consists of a M10 screw flange speaker adapter.

The stereo input is one 4-pole speakon connector combined with 2 additional output connectors for mid - high drivers.

All speakon connectors are Neutrik NL4MP to ensure that the best possible connections are made.

On both sides of the speaker are carry handles provided, to facilitate the transportation.

► Specifications

SYSTEM SPECIFICATIONS	
Max power	2 x 200 W
RMS power	2 x 100 W
Impedance speaker	2 x 8 Ohm
Sound pressure 1W/1m	95 dB
Sound pressure Max W/1m	118 dB
Frequency response -3dB	45 Hz - 250 Hz
Frequency range -10dB	42 Hz - 250 Hz
Cross-over frequency	150 Hz
Crossover network	Passive built-in
PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	420 x 600 x 540 mm
Weight net	32 Kg
Drivers	2 x 12" Woofer
Connectors	3 x Speakon NL4MP Neutrik (1 in / 2 out)
Construction	Plywood with textured EPDM black coating
Front finish	Open
Carry handles	2 Integrated in the cabinet
Rigging stand fitting	M10 screw flange speaker adapter built in top
Colour	Black
SHIPPING & ORDERING	
Packaging	Carton box
Shipping weight & volume	35 Kg - 0.2 Cbm
Accessories	Speaker pole flange adapter for 35 mm tubes

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