

AUDAC

FORTE1000

4 x PX110 + SX412 + T2

Set Solutions

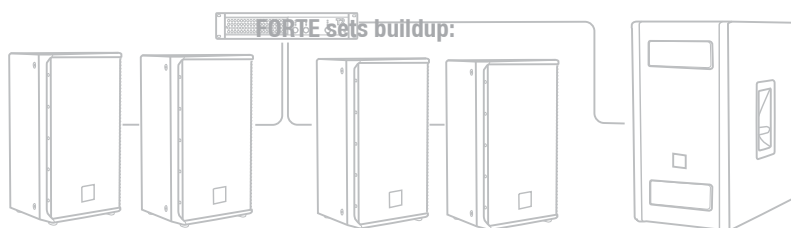
With the extensive range of speakers and amplifiers it is possible to find a suitable solution for nearly every situation. Because it is often difficult to find an appropriate combination of matching speakers and amplifiers, we made a selection of the most popular ready-to-use sets that can be used for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

FORTE 1000

The FORTE1000 combination is recommended to be used in medium indoor applications where a high power is required, such as larger pubs, clubs and dance cafés.

- + Triple Channel Power amplifier with adjustable active crossover.
- + 300Watt RMS Bass Cabinet
- + PX110 2-way speakers for 175W RMS each.
- + 4xPX110 (in black only FORTE1000/B), one SX412 and T2 amplifier



► 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 PX110 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 10" 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 180 W. On-axis frequency range is 80Hz to 18kHz. On-axis sensitivity (1W/1m) is 98 dB SPL and even reaches a maximum SPL of 120 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 PX110 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 PX110, there are two Speakon NL4MP Neutrik connectors. One of these two Speakon connectors can be used for linking a second PX110 to the first one.

Optional accessoires:

- CPB110P Cover bag
- MBK110 Wallbracket

► Specifications

SYSTEM SPECIFICATIONS		
Max power	350 W	
RMS power	180 W	
Impedance speaker	8 Ohm	
Sound pressure 1W/1m	98 dB	
Sound pressure Max W/1m	120 dB	
Frequency response -3dB	80 Hz - 18 kHz	
Frequency range -10dB	65 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)	315 x 545 x 320 mm	
Weight net	17.5 Kg	
Drivers	HF 1" / MF 10"	
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 + top M10	
Colour	Black (RAL9005)	PX110/B
	White (RAL9010)	PX110/W
SHIPPING & ORDERING		
Packaging	Carton box	
Shipping weight & volume	19 Kg - 0.093 Cbm	
Accessories	CPB110P Protective cover bag	
	MBK110 wall bracket + Safety	
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► Features

- 12" excursion driver
- Sophisticated control electronics
- Reliable and linear operation
- Integrated M10 screw flange speaker adapter
- Two carry handles for easy transportation
- Scratch-free textured EPDM coating

► Applications

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



The AUDAC SX412 is a powerful tandem ported design subwoofer for indoor applications.

The results of this carefully designed and tuned subwoofer will satisfy the most demands for high power, low frequency performance at exceptionally low distortion levels.

This single 12 inch subwoofer is good for 300 Watt RMS power, 96 dB SPL sensitivity, and is capable of a maximum SPL of 121 dB SPL.

It has a flat Frequency response between 45 – 250 Hz, with a slight boost on 50 Hz.

Accurate bass does not always sound spectacular, it sounds real. A really good sub will integrate so seamlessly into your system that it will not draw attention to itself.

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.

Two Speakon NL4MP Neutrik connectors are used at the back to ensure that the best possible connections are made.

The second Speakon connector can be used to link more SX412's to each other.

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

► Specifications

SYSTEM SPECIFICATIONS	
Max power	600 W
RMS power	300 W
Impedance speaker	8 Ohm
Sound pressure 1W/1m	96 dB
Sound pressure Max W/1m	121 dB
Frequency response -3dB	45 Hz - 250 Hz
Frequency range -10dB	40 Hz - 250 Hz
PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	380 x 700 x 600 mm
Weight net	40 Kg
Drivers	1 x 12" Subwoofer
Connectors	2 x Speakon NL4MP Neutrik
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	42 Kg - 0.23 Cbm
Accessories	Speaker pole flange adapter for 35 mm tubes
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► Features

- Two channel amplifier with extra sub channel
- Professional Class H Power Amplifier
- Designed to provide robust, clean output
- Replaceable dust filter
- Equipped with original Neutrik connectors
- Protection circuit: DC, Clip and Overheat
- Three channel volume control

► Applications

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



The AUDAC T 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 an additional channel to power a passive subwoofer cabinet, and are fitted with a multipurpose protection circuit, which detect DC malfunction, short circuit, overheating, signal overload and signal limiting.

The T2 delivers an output power of 2 x 200 Watt + 400 Watt for the sub channel at 8 Ohm and 2 x 300 Watt + 600W for the sub channel at 4 Ohm.

On the front of the T2, 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.

Separate signal input on balanced XLR connectors are provided for left and right input signals. Each input signal has a turning knob to set the crossover frequency, with a range from 50 Hz to 250 Hz. These settings determine the signal for the Sub channel, to obtain the best possible sound. All the output connections are fitted with a speakon connection for the best possible connections. A ground-lift switch is also provided to avoid hum caused 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 200 W + 400 W
RMS Power @ 4 Ohm	2 x 300 W + 600 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	> 400
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 460mm
Weight net	23.99 Kg
Mounting	19"
Unit height	2 HE
Construction	Steel
Colour	Black
SHIPPING & ORDERING	
Packaging	Carton box
Shipping weight and volume	25.25 Kg - 0.0479 Cbm
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