

## P383 Main FOH Three Way

P383 is a Three way main FOH loudspeaker for the big power audio system or the main loudspeaker for medium size indoor areas. that could order as passive/Biamp or Triamp

This main or near field FOH loudspeaker have smooth and detailed high power audio for the listeners. easy to optimize for the venue and high power audio from a single box that may works as two boxes of the same from the competitors.

Rich response make it an excellent for LIVE application for different kind of performances.

Not important, it s a Speech, Vocal, Acoustical instrumental performance, electronic, DJ, POP, rock and so on. this is a complete solution for the job. This box will be matched with Foujan subwoofers for best result of high quality audio projects.

Using Foujan Coaxial high frequency driver with 2" exit as the high and mid-high frequency driver. Mid-high section of the driver have 4.5" annular polyester diaphragm / 3.5" Copper Clad Aluminum voice coil inside and outside the Kapton former in 1.9 Tesla magnetic field with frequency response of 500Hz~9kHz. The high section driver have 2" annular polyester diaphragm / 1.75" Copper Clad Aluminum voice coil inside and outside the Kapton former in 2 Tesla magnetic field with frequency response of 6kHz~22kHz.

High frequency driver optimized for the clean and sweet mid frequencies which are the key factors of hearing range.

The 15" 1000W AES mid-bass driver with dual layer cellulose weather protected cone with 4" inside / outside copper voice coil on Kapton former with multi port cooling system for ultra high performance applications.



### Specifications

<b>Type</b>	Three Way
<b>Frequency Response</b>	50~22kHz
<b>Drivers</b>	15" - 4"VC mid-bass 2" exit Coaxial high and mid-high frequency driver Mid-High:4.5" Diaph 3.5" VC / High: 2" diaph 1.75" VC
<b>Power</b>	Mid-Bass: 1000W AES Mid-High: 150W AES 1300W peak / High: 80W AES 450W peak
<b>Recommended Amplifier</b>	Same and dual the power
<b>Sensitivity SPL</b>	Mid-Bass: 98dB mid-high 112dB high 110dB
<b>Nominal Impedance</b>	8 ohms
<b>Coverage</b>	V: 50 / H:90
<b>Crossover</b>	Recommended 500Hz / 6.300Hz
<b>Enclosure</b>	18mm baltic birch plywood
<b>Finish</b>	Water Base texture
<b>Connectors</b>	Neutrik NL8
<b>Installation</b>	8 M12 on top and bottom
<b>Dimension</b>	W: 45 cm x H: 77 cm x D: 36cm
<b>Weight</b>	

### Features

Transparent and clean Audio Quality  
Three Way  
1000W  
Two way high frequency driver  
Compact to Power  
Customize drivers made in Europe

### Application

Main FOH  
Theater and Concert hall

## P385 Mid Field Three Way Mid-High

P385 Touring grade 3 way high SPL for mid and long throw of mid and high frequency audio response sector.

Absolute SPL in distance due to narrower coverage than the other products, it could be used as an arrayable box for different patterns and Power.

This mid-field or main FOH loudspeaker has smooth and detailed high power audio for the listeners. Easy to optimize for the venue and high power audio from a single box that may work as two boxes of the same from the competitors.

Rich response makes it an excellent choice for LIVE application for different kinds of performances.

Not important, it's a Speech, Vocal, Acoustical instrumental performance, electronic, DJ, POP, rock and so on. This is a complete solution for the job.

This box will be matched with Foujan subwoofers for the best result of high quality audio projects.

Using Foujan Coaxial high frequency driver with 2" exit as the high and mid-high frequency driver. Mid-high section of the driver has 4.5" annular polyester diaphragm / 3.5" Copper Clad Aluminum voice coil inside and outside the Kapton former in 1.9 Tesla magnetic field with frequency response of 500Hz~9kHz. The high section driver has 2" annular polyester diaphragm / 1.75" Copper Clad Aluminum voice coil inside and outside the Kapton former in 2 Tesla magnetic field with frequency response of 6kHz~22kHz.

High frequency driver optimized for the clean and sweet mid frequencies which are the key factors of hearing range.

The 15" 1000W AES mid-bass driver with dual layer cellulose weather protected cone with 4" inside / outside copper voice coil on Kapton former with multi port cooling system for ultra high performance applications.



### Specifications

<b>Type</b>	Three Way
<b>Frequency Response</b>	80~22kHz
<b>Drivers</b>	15" - 4"VC mid-bass 2" exit Coaxial high and mid-high frequency driver Mid-High:4.5" Diaph 3.5" VC / High: 2" diaph 1.75" VC
<b>Power</b>	Mid-Bass: 1000W AES Mid-High: 150W AES 1300W peak / High: 80W AES 450W peak Same and dual the power
<b>Recommended Amplifier</b>	
<b>Sensitivity SPL</b>	Mid-Bass: 100dB mid-high 118dB high 115dB
<b>Nominal Impedance</b>	8 ohms
<b>Coverage</b>	V: 40 / H:60
<b>Crossover</b>	Recommended 500Hz / 6.300Hz
<b>Enclosure</b>	18mm baltic birch plywood
<b>Finish</b>	Water Base texture
<b>Connectors</b>	Neutrik NL8
<b>Installation</b>	16 M12 on top and bottom
<b>Dimension</b>	W: 58.5 cm x H: 88.6 cm x D: 65cm
<b>Weight</b>	

### Features

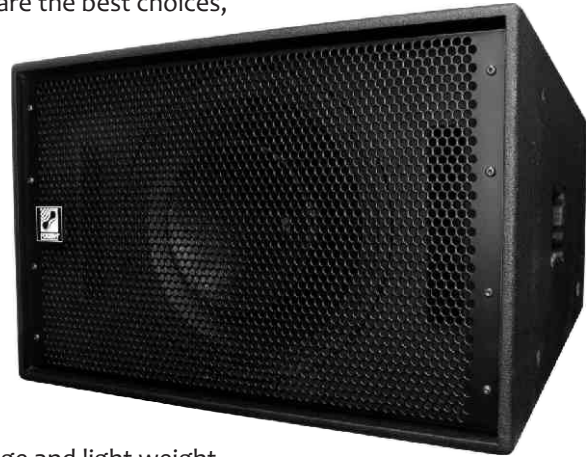
- Transparent and clean Audio Quality
- Three Way
- 1000W
- Two way high frequency driver
- High SPL
- Customize drivers made in Europe

### Application

- Large Arena
- Touring
- Medium size sport arena

**P38TX Compact Powered 15" 3 Way (Triaxial)**

Full frequency response, reach and detailed sound, compact and DSP inside powered loudspeaker are the key factors as always in professional applications. To reach all these together single point source drivers with the same axial are the best choices, first, we start with AF30CX with its state of the art 12" COAXIAL driver inside as a 2 way system in a compact box. Now we use our revolutionary redesigned neodymium 2 way (COAXIAL) high frequency driver on back of the world finest 1kW 15" neodymium magnet mid-bass driver with Carbon Fiber cone to make a power full TRIAXIAL driver and decrease the box size about one third of its class. High power 2.2 Tesla neodymium strong magnet field in high and mid-high frequency drivers can born any killed high frequencies up to 22kHz that normally didn't hear in conventionally loudspeakers with out EQ, described as LIVE highs and mid-highs.



4500W RMS dual channel audio power amplifier in small package and light weight of 3.7kg made by XTA-UK. There are two power supply inside as the main and back up. We use class T as the highest quality / green power audio amplification class to reach the worlds highest quality detailed and reach sound that could drive our components. Dual channel 96kHz/24bit famous XTA loudspeaker management is inside each box as a free hand tool to control the loudspeaker parameters like Delay / Limiter / crossover filters and 8 band parametric EQ on each channel.

P38TX can connect to its software/PC via its USB connection and shows the temperature / cooling fan speed and power reserve as LIVE and changing the audio parameters also.

All the above digital descriptions can transmit to other speakers via Rs485. There are two 7 segment and 3 buttons and back of the amplifier to changing the settings and see what's going on inside the amplifier.

- Features**  
 Compact 3 Way  
 Triaxial Point Source  
 SelfPowered (Active)  
 4500W Class T  
 XTA Loudspeaker Management inside  
 Array Able  
 Customize drivers made in Europe

**Specifications**

<b>Type</b>	Three Way	
<b>Frequency Response</b>	50~22kHz	
<b>Drivers</b>	15" - 4"VC mid-bass Neodymium 1.4" exit Coaxial high and mid-high frequency driver Mid-High:4.5" Diaph 3.5" VC / High: 2" diaph h 1.75" VC	
<b>Power</b>	XTA 2 channel Class T amplifier 2.250W/channel (4.500 W RMS total) for highest dynamic range as possible	
<b>Audio DSP</b>	2 channel XTA loudspeaker management with all amp controllers and monitoring vis USB	
<b>Sensitivity SPL</b>	100dB +/- 4dB flatness	
<b>Coverage</b>	Conical 60 degree	
<b>Crossover</b>	900Hz active and 6300Hz internal passive crossover	
<b>Enclosure</b>	15mm baltic birch plywood	
<b>Finish</b>	Water Base Half Matt Black texture Paint	
<b>Connectors</b>	Neutrik PowerCon for main AC, USB for PC access XLR for audio in/out signal - RS485 to digital control the linked speakers	
<b>Indicator</b>	2 three color 7 segment to show the internal conditions with 3 bottoms to choose the options	
<b>Installation</b>	8 M12 at top and down	
<b>Dimension</b>	W: 70 cm x H: 45 cm x D: 52cm	
<b>Weight</b>	40kg	

- Application**  
 Portable  
 Main FOH  
 Monitoring Side Stage



## **P38TX Compact Powered 15" 3 Way (Triaxial)**

### **Audio Amplifier Section**

We use a combination of Class D's performance, efficiency, power and class AB audio quality in our new class T audio power amplifier which deliver sonic, reach and transparent audio quality with efficiency of 95% which is three times more than conventional audio power amplifiers.

Internal switching power supply have more efficiency and less wasted power than conventional transformer drive power supplies. All these means less main power required, smallest size and lightest weight of 3.7Kg for a 4.5kW Audio Power Amplifier.

Total power of 4,500W RMS for 2 channel (2,250W each channel) drive by high power 3,500W switching power supply, housed in a powder coated zintec steel shell which will be installed inside the loudspeaker cabinet.

The Power Supply Unit and Power amplifier are self-protected and force cooled for maximum performance.

Internal forced cooling system are temperature-monitored tunnel heat-sink with control able fan speed relative to temperature and operating delivery.

The output of the amplifier is fully protected to DC outputs and short Circuit.

Both amplifiers and their power supply are monitored by a microprocessor, which constantly checks their performance and monitors for fault conditions, shutting down in the event of any dangerous or potential harmful Situations

#### Connections and indicators

**1- Adjust Keys** - used to either change the volume of the module (with accompanying gain readout) or to select a new preset to load. **Select Key** - used to switch between default mode (volume) and preset select/load mode

**2- USB Connector** - connect to a PC (ID:01) to download preset files, and new firmware and check diagnostics

**3- Audio Input Connector** - this fully balanced XLR input drives both amplifiers

**Link Output Connector** - provides an output to link the audio through to another amplifier module.

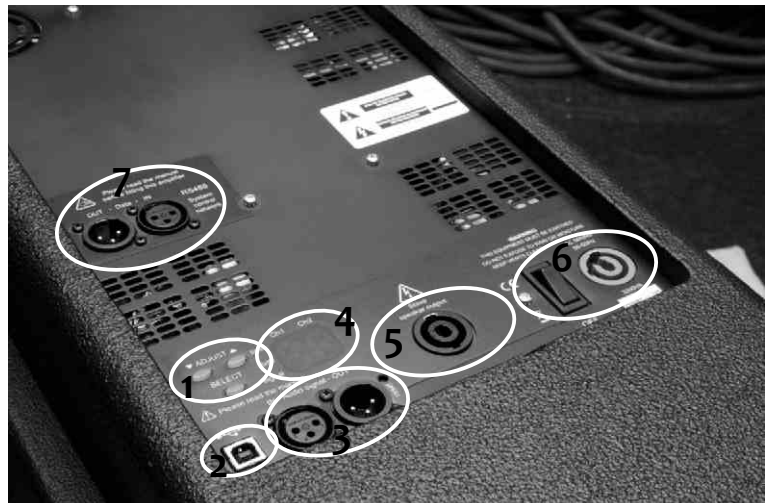
**4- LED Display Window** - by default shows metering of two amplifier levels, but also shows gain, preset/memory selection (up to 10 presets), limiting, unit ID number, and temperature readouts, as well as error codes.

**5- Speaker Output Connector** - high power outputs from the amplifier to the slave speaker

**6- Main Power Inlet** - Mains voltage input - 80-250V AC, 50-60Hz. Only use genuine Neutrik Powercon connectors that are lockable.

**7- Rs485 Communications Port** - for future network system control and monitoring purposes.

**CE and CB certified**



**P38TX Compact Powered 15" 3 Way (Triaxial)**

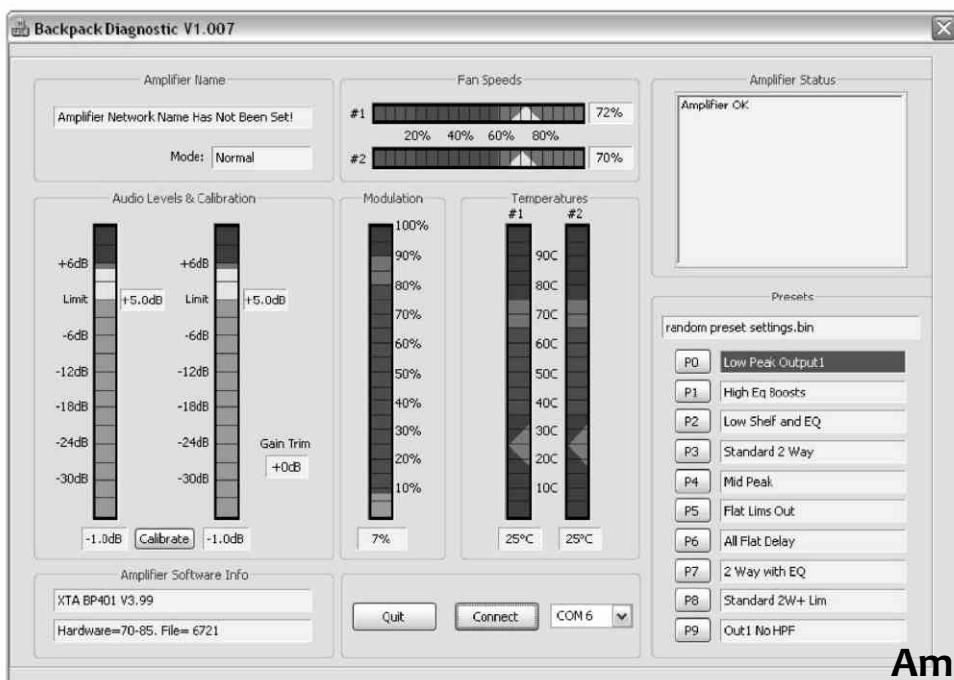
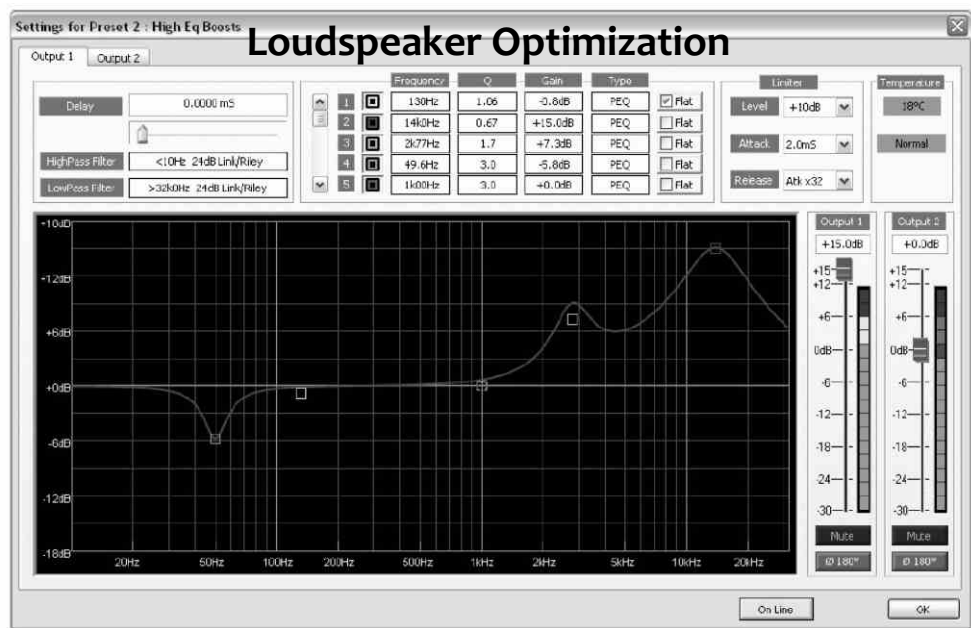
**XTA Loudspeaker Management and Optimization**

Digital Signal Processing

Foujan Audio power amplifier have legendary XTA, state of the art, high performance dual channel loudspeaker management inside it.

96kHz DSP Processor Built-in offering: time alignment up to 82 milliseconds, band pass filters, polarity switching, 5 parametric EQ bands per channel and Intelligent Limiting which responds to servo feedback from the amplifier. 18/24 dB/oct crossover slopes. Live control able by software via USB B-type interface and RS485 via XLR.

Ten preset memories are provided to allow instant recall of different configurations.



**Amplifier Monitoring**

**PB450 High Power Low Distortion Single 18" Subwoofer**

Pb450, Single 18" subwoofer with ultra low distortion driver inside.  
 NOT just like a conventional subwoofer with huge vibrating sound.  
 This box designed for high quality low frequency response.  
 When a bass guitar player or a contra bass player, plays low end parts, we should hear two close parts in deep low frequencies and let brain to find out the played parts well.

inside the main driver, it has 3 port cooling system during action.  
 the inside / outside 4" voice coil attached to the double pressed cellulose cone, which is fully reinforced for max stability.

This box could be use as ground stack or fly  
 able for different patterns and coverage.


**Features**

Transparent low frequencies  
 High Power  
 Ultra Low distortion  
 Customize driver made in Europe

**Specifications**

<b>Type</b>	Single 18" subwoofer
<b>Frequency Response</b>	30~200Hz
<b>Drivers</b>	18" - 4"VC ultra low distortion woofer
<b>Power</b>	1200W AES
<b>Recommended Amplifier</b>	Same and dual the power
<b>Sensitivity SPL</b>	99dB
<b>Nominal Impedance</b>	8 ohms
<b>Coverage</b>	360
<b>Crossover</b>	Recommended 150Hz
<b>Enclosure</b>	18mm baltic birch plywood
<b>Finish</b>	Water Base texture
<b>Connectors</b>	Neutrik NL4 - Touring grade option is NL8
<b>Dimension</b>	W: 88,5 cm x H: 58,5 cm x D: 55cm
<b>Weight</b>	

**Application**

Theater and Hall  
 Touring

**Ultra Low Distortion  
 18" Woofer**



**AF30CX Compact 12" 2 Way (Coaxial) Installation Speaker**

Based on the COAXIAL loudspeakers technology who joined the industry since old decades as the single point source loudspeaker driver. Change from Dual Cone full range to two way system. In short word: "compactness, high quality and powerful rather than old conventional technologies"

With extensive researches in material and technology to produce a powerful and high quality coaxial driver for the most compact, installation loudspeaker in the industry.

AF30CX is a compact two way 12" coaxial loudspeaker for the installation. Big Power / Quality to size make it as a sweet able for many fixed installation application.

This speaker have a coaxial 12" transducer with its attached 1" exit high frequency driver with aluminum 60 degree conical coverage horn which is centered on a 12" mid-bass.

This Aluminum horn is also close to the mid-bass inner voice coil and of course we can call it the other part of voice coil cooling system.

The 12" mid-bass have 3" voice coil made of copper on Kapton former and 500W of power. The cone is a weather resistant dual layer cellulose, make it ready for washes any time needed. We use high quality black silk to stop the dust enter in and let the high frequency exit with out problem.

We use our popular annular diaphragm high frequency driver with power of 80W AES and peak power of 450W and frequency response up to 20kHz with excellent mid frequency response.

These high profile drivers are detailed sound and highest dynamic range in its class due to its professional PA specification and our highest attentions to the quality of material we use.

High quality passive crossover components with metal resistors guaranty the whole system.



### Specifications

<b>Type</b>	Compact 2 way - coaxial
<b>Frequency Response</b>	55~20 kHz
<b>Drivers</b>	1 x 12" - 3"VC Ultra low distortion mid-bass 1" exit, 2" annular diaphragm, 1.75" CCA VC
<b>Power</b>	500W AES
<b>Recommended Amplifier</b>	500 ~ 1000W
<b>Sensitivity SPL</b>	98dB 1w/1m
<b>Nominal Impedance</b>	8 ohm
<b>Coverage</b>	60 degree Conical
<b>Crossover</b>	1.6 kHz 12dB
<b>Enclosure</b>	18mm Baltic Birch Plywood
<b>Finish</b>	Water Base Half Matt Black texture Paint
<b>Connectors</b>	Neutrik NL4
<b>Installation</b>	Bracket
<b>Dimension</b>	H: 50 cm x W: 38 cm x D: 35 cm w/o bracket
<b>Weight</b>	27kg

### Features

Transparent and clean Audio Quality  
Two Way  
500W  
High Power and SPL  
Small Size  
Customize drivers made in Europe

### Application

Mosque and houses of worship  
Conference Centers  
Theater and hall  
Restaurant and Mall  
small size high power applications

**AF38CX Compact 15" 2 Way (Coaxial) Installation Speaker**

Based on the COAXIAL loudspeakers technology who joined the industry since old decades as the single point source loudspeaker driver. Change from Dual Cone full range to two way system. In short word: "compactness, high quality and powerful rather than old conventional technologies"

With extensive researches in material and technology to produce a powerful and high quality coaxial driver for the most compact, installation loudspeaker in the industry.

AF38CX is a compact two way 15" coaxial loudspeaker for the installation. Big Power / Quality to size make it as a sweet able for many fixed installation application.

This speaker have a coaxial 12" transducer with its attached 1" exit high frequency driver (2" annular diaphragm) with aluminum 60 degree conical coverage horn which is centered on a 15" mid-bass.

This Aluminum horn is also close to the mid-bass inner voice coil and of course we can call it the other part of voice coil cooling system.

The 15" mid-bass have 3" voice coil made of copper on Kapton former and 500W of power. The cone is a weather resistant dual layer cellulose, make it ready for washes any time needed. We use high quality black silk to stop the dust enter in and let the high frequency exit with out problem.

We use our popular annular diaphragm high frequency driver with power of 80W AES and peak power of 450W and frequency response up to 20kHz with excellent mid frequency response.

These high profile drivers are detailed sound and highest dynamic range in its class due to its professional PA specification and our highest attentions to the quality of material we use.

High quality passive crossover components with metal resistors and metal Speakon NLT4MP guaranty the whole system.



### Specifications

<b>Type</b>	Compact 2 way - coaxial
<b>Frequency Response</b>	50~20 kHz
<b>Drivers</b>	1 x 15" - 3"VC Ultra low distortion mid-bass 1" exit, 2" annular diaphragm, 1.75" CCA VC
<b>Power</b>	500W AES
<b>Recommended Amplifier</b>	500 ~ 1000W
<b>Sensitivity SPL</b>	98dB 1w/1m
<b>Nominal Impedance</b>	8 ohm
<b>Coverage</b>	60 degree Conical
<b>Crossover</b>	1.6 kHz 12dB
<b>Enclosure</b>	18mm Baltic Birch Plywood
<b>Finish</b>	Water Base Half Matt Black texture Paint
<b>Connectors</b>	Neutrik NL4
<b>Installation</b>	Bracket
<b>Dimension</b>	H: 50 cm x W: 44 cm x D: 35 cm w/o bracket
<b>Weight</b>	30kg

### Features

Transparent and clean Audio Quality  
Two Way  
500W  
High Power and SPL  
Small Size  
Customize drivers made in Europe

### Application

Mosque and houses of worship  
Conference Centers  
Theater and hall  
Restaurant and Mall  
small size high power applications

**AFB38 Installation Single 15" Subwoofer**

AFB38, Single 15" subwoofer with ultra low distortion driver inside.  
 NOT just like a conventional subwoofer with huge vibrating sound.  
 This box designed for high quality low frequency response.  
 When a bass guitar player or a contra bass player, plays low end parts, we should hear two close parts in deep low frequencies and let brain to find out the played parts well.

inside the main driver, it has 3 port cooling system during action.  
 the inside / outside 3" voice coil attached to the double pressed cellulose cone, which is fully reinforced for max stability.

This box could be use as ground stack or fly able for different patterns and coverage.



Preliminary Picture

**Specifications**

<b>Type</b>	Single 15" subwoofer
<b>Frequency Response</b>	35~200Hz
<b>Drivers</b>	15" - 3"VC ultra low distortion woofer
<b>Power</b>	600W AES
<b>Recommended Amplifier</b>	Same and dual the power
<b>Sensitivity SPL</b>	98dB
<b>Nominal Impedance</b>	8 ohms
<b>Coverage</b>	360
<b>Crossover</b>	Recommended 150Hz
<b>Enclosure</b>	18mm baltic birch plywood
<b>Finish</b>	Water Base texture
<b>Connectors</b>	Neutrik NI4
<b>Dimension</b>	W: 60 cm x H: 45 cm x D: 40cm
<b>Weight</b>	

**Features**

Transparent low frequencies  
 High Power  
 Ultra Low distortion  
 Customize driver made in Europe

**Application**

Theater and Hall  
 Potable PA

## ALP385 High Power 3 Way 15" Stage Monitor

ALP385 is a high power passive/biamp stage monitor with extreme power of 1000W and deep low frequency response in three way format with lowest distortion in absolute for hours and hours of high power operation.

This is the best choice for bass instruments which need fully power in their instrument frequency range and hear the clean and high power audio from other key instruments and vocals they need to hear during performance.

Our 15" mid-bass optimized with box volume for extreme low frequency that let the listeners feel the power of a 18" subwoofer.

Using Foujan Coaxial high frequency driver with 2" exit as the high and mid-high frequency driver.

Mid-high section of the driver have 4.5" annular polyester diaphragm / 3.5" Copper Clad Aluminum voice coil inside and outside the Kapton former in 1.9 Tesla magnetic field with frequency response of 500Hz~9kHz. The high section driver have 2" annular polyester diaphragm / 1.75" Copper Clad Aluminum voice coil inside and outside the Kapton former in 2 Tesla magnetic field with frequency response of 6kHz~22kHz.

and high frequency driver optimized for the clean and sweet mid frequencies which are the key factors on stage monitoring beside the power full low frequencies and transparent high frequencies.

High SPL before feedback and 45 degree of axial from stage can focus on players during event for maximum performance with 50 x 90 coverage.

The 15" 1000W AES mid-bass driver with dual layer cellulose weather protected cone with 4" inside / outside voice coil on Kapton former with multi port cooling system for ultra high performance applications.

All the drivers protected by 2mm grill on front for highest performance.



### Specifications

<b>Type</b>	Three Way
<b>Frequency Response</b>	50~22kHz
<b>Drivers</b>	15" - 4"VC mid-bass 2" exit Coaxial high and mid-high frequency driver Mid-High:4.5" Diaph 3.5" VC / High: 2" diaph 1.75" VC
<b>Power</b>	Mid-Bass: 1000W AES Mid-High: 150W AES 1300W peak / High: 80W AES 450W peak Same and dual the power
<b>Recommended Amplifier</b>	
<b>Sensitivity SPL</b>	Mid-Bass: 100dB mid-high 118dB high 115dB
<b>Nominal Impedance</b>	8 ohms
<b>Coverage</b>	V: 40 / H:60
<b>Crossover</b>	Recommended 500Hz / 6.300Hz
<b>Enclosure</b>	18mm baltic birch plywood
<b>Finish</b>	Water Base texture
<b>Connectors</b>	Neutrik NL8
<b>Installation</b>	16 M12 on top and bottom
<b>Dimension</b>	W: 60 cm x H: 75 cm x D: 55cm - height in 45 degree axial is 64 cm
<b>Weight</b>	45kg

### Features

Transparent and clean Audio Quality  
Absolute Power and SPL  
3 Way  
1000W  
Two way high frequency Driver  
Customize drivers made in Europe

### Application

High Power Stage Monitoring  
Main Monitoring  
Stage Sides  
Bass and Drum Monitor

**AL383 High Power 2 Way 15" Stage Monitor**

AL383 is a high power passive stage monitor with extreme power of 1000W in two way format with lowest distortion in absolute power for hours and hours of high power operation. Our 15" mid-bass and high frequency driver optimized for the clean and sweet mid frequencies which are the key factors on stage monitoring beside the power full low frequencies and transparent high frequencies.

High SPL before feedback and 30 degree of axial from stage can focus on players during event for maximum performance. 1" exit 80W AES, 450W peak high frequency driver with unique 2" annular diaphragm and 1.75" inside/outside copper clad aluminum voice coil on Kapton former attached to a 40 x 90 coverage horn.

The 15" 1000W AES mid-bass driver with dual layer cellulose weather protected cone with 4" inner outer copper voice coil on Kapton former with multi port cooling system for ultra high performance applications. All the drivers protected by 2mm grill on front for highest pressure.

Low profile and low height with highly reinforced construction make it a well performance stage monitor.

absolute power of audio frequency response, powerful bass, detailed mid and high are they key parameters of this low profile monitor.


**Features**

Transparent and clean Audio Quality  
Two Way  
1000W  
High Power and SPL  
Customize drivers made in Europe

**Application**

Main monitoring  
Speech and music  
Acoustical and electronic Instrumental

**Specifications**

<b>Type</b>	Tow Way
<b>Frequency Response</b>	55~20kHz
<b>Drivers</b>	15" - 4"VC mid-bass 1" exit high frequency driver / 2" annular diaphragm / 1.75" CCA VC
<b>Power</b>	Passive 1000W AES Biamp Version: mid-bass 1000W AES / high: 80W AES 450W peak
<b>Recommended Amplifier</b>	1000W ~ 2000W
<b>Sensitivity SPL</b>	Biamp: Mid-Bass: 98dB / High: 115dB Passive: 98dB 1w/1m
<b>Nominal Impedance</b>	Biamp: mid-bass: 8ohm / high: 8 ohm Passive: 8 ohm
<b>Coverage</b>	V: 40 / H:90
<b>Crossover</b>	Passive: 1.3 kHz / Biamp: down to 800Hz
<b>Enclosure</b>	18mm / 13 layer / baltic birch plywood
<b>Finish</b>	Water Base Half Matt Black texture Paint
<b>Connectors</b>	Neutrik NLT4MP
<b>Dimension</b>	H: 68 cm x W: 50cm x D: 38cm - height in 30 degree axial is 39 cm
<b>Weight</b>	35kg



## MP38TXA Professional 15" 3Way (Triaxial) Decorative Hidden Ceiling / In-Wall Speaker

Welcome to view the worlds first, high power, compact and hidden decorative loudspeaker. In the world of legendary architectural designs, loudspeakers are always a big challenge. Designers need to modify both their design and loudspeakers together for their project. using customize painted big size loudspeakers was the final solution to reach the goals before Foujan M series.

Foujan use world known, Iranian historical and legendary designs, which contain different categories like ESLIMI, and use one of its major and popular designs for the worlds first hidden decorative high power loudspeaker.

this decorative 60 cm x 60 cm tile can install as ceiling or in/wall for any application.

no matter it's a VA, speech, BGM or high power music reproduction. it s a powerful product for special acoustical places like Mosque or Churches.

With state of the art DSP engine in this self powered loudspeaker (Passive and 100V is an option) you can control all the filtering parameters for the installation.



This loudspeaker have several options described below:

number of ways, component size and power, power amplification and DSP, passive and 100V

**M38:** 15" 450W Hi Tech one way passive driver - **M38A:** Active - **M38V:** 100V Line

**M38CX:** 15" 500W coaxial two way passive - **M38CXA:** Active - **M38CXV:** 100V Line

**M30CX:** 12"500W coaxial two way passive - **M30CXA:** Active - **M30CXV:** 100V Line

**MP38TX:** 15" 1000W Triaxial three way passive - **MP38TXA:** Active - **MP38TXV:** 100V Line

**MP30TX:** 12" 1000W Triaxial three way passive - **MP30TXA:** Active - **MP30TXV:** 100V Line

**Active:** 24bit/96khz DSP - One Way 800W - Biamp 2.700W and Triamp 3.400

**Customize Panel:** the size and front panel could be customize design upon request by one of the most famous world known Iranian designers in various colors.

**Fire Protection:** loudspeaker box could be order with fireproof box.

### Features

Decorative

Hidden

Architectural

High Power and SPL

Customize drivers made in Europe

### Specifications

### Application

mosque and Churches

Hotels

Shopping Malls

<b>Type</b>	Three Way
<b>Frequency Response</b>	50~22kHz
<b>Drivers</b>	15" - 4"VC mid-bass Neodymium 1.4" exit Coaxial high and mid-high frequency driver Mid-High:4.5" Diaph 3.5" VC / High: 2" diaph h 1.75" VC
<b>Power</b>	XTA 2 channel Class T amplifier 2.250W/channel (4.500 W RMS total) for highest dynamic range as possible
<b>Audio DSP</b>	2 channel XTA loudspeaker management with all amp controllers and monitoring vis USB
<b>Sensitivity SPL</b>	100dB +/- 4dB flatness
<b>Coverage</b>	Conical 60 degree
<b>Crossover</b>	900Hz active and 6300Hz internal passive crossover
<b>Enclosure</b>	Metallized panel and baltic birch plywood construction - upgrade able to fireproof box
<b>Finish</b>	Water Base Half Matt Black texture Paint
<b>Connectors</b>	Neutrik PowerCon for main AC, USB for PC access XLR for audio in/out signal - RS485 to digital control the linked speakers
<b>Indicator</b>	2 three color 7 segment to show the internal conditions with 3 bottoms to choose the options
<b>Installation</b>	8 M10 at top
<b>Dimension</b>	W: 60 cm x H: 60 cm x D: 35cm
<b>Weight</b>	30kg



## CC2384 Big Size 4 way Cinema Screen loudspeaker

This cinema screen loudspeaker designed and manufactured by Foujan quality and high performance drivers for the highest quality and transparent detailed sound.

Clean mid frequencies beside the clean/flat low and high frequencies with absolute SPL deliver the fully reach audio for the cinema also in bad acoustic conditions.

Using Foujan Coaxial high frequency driver with 2" exit as the high and mid-high frequency driver.

Mid-high section of the driver have 4.5" annular polyester diaphragm / 3.5" Copper Clad Aluminum voice coil inside and outside the Kapton former in 1.9 Tesla magnetic field with frequency response of 500Hz~9kHz. The high section driver have 2" annular polyester diaphragm / 1.75" Copper Clad Aluminum voice coil inside and outside the Kapton former in 2 Tesla magnetic field with frequency response of 6kHz~22kHz.

A 12" 400W / 3" Copper Clad Aluminum voice coil inside and outside of the Kapton former installed at back of the wooden horn to cover the mid and mid-low frequencies.

Low frequencies drive by dual 15" 1000W / 3" Copper voice coil inside and outside the Kapton former.

These ultra low distortion woofer have cooling system for inner and outer of the voice coil that will guaranty the non stop working in the highest pressure section of the loudspeaker.

The high and mid section can changed its position to left / right down and up for coverage optimization.

The speaker can be ordered as fully passive / biamp and also became selfpowered with factory optimized PowerSoft (Italy) and XTA (UK) power amplifiers modules with fully control able audio parameters on computer



### Specifications

<b>Type</b>	Four Way
<b>Frequency Response</b>	20~22kHz
<b>Drivers</b>	2 x 15" - 3" VC woofer 12" horn loaded 3" VC mid-bass 2" exit Coaxial high and mid-high frequency driver Mid-High: 4.5" Diaphragm 3.5" VC / High: 2" diaphragm 1.75" VC
<b>Power</b>	Woofers: 1000W AES Mid-Bass: 400W AES Mid-High: 150W AES 1300W peak / High: 80W AES 450W peak
<b>Recommended Amplifier</b>	Double the rated power for highest dynamic range
<b>Sensitivity SPL</b>	Woofers: 100dB / Mid-Bass: 100dB / High and Mid-High: 115dB Passive: 100dB 1w/1m
<b>Nominal Impedance</b>	woofers: 4ohm / mid-bass: 8ohm / high and mid-high: 8 ohm Passive: 8 ohm
<b>Coverage</b>	V: 40 / H:60
<b>Crossover</b>	200Hz / 900Hz / 6.300Hz
<b>Enclosure</b>	18mm MDF
<b>Finish</b>	Water Base Half Matt Black texture Paint
<b>Connectors</b>	Neutrik NL8
<b>Installation</b>	In Wall behind the screen
<b>Dimension</b>	H: 205 cm x W: 65cm x D: 45cm
<b>Weight</b>	100kg

### Features

- Transparent and reach Audio Quality
- Extremely clean mid ranges
- High SPL to set behind the screen
- Customize drivers made in Europe
- Low distortion dual 15" woofer
- Two Way 9kg tweeter

### Application

Big Size cinema Screen



**Coaxial High Frequency Driver**

## CSW245 High power low distortion dual 18" Cinema subwoofer

CSW245 cinema subwoofer designed and manufactured on Foujan quality and performance drivers for the highest quality and transparent detailed sound.

Low frequency loudspeakers are one of the main parameters in cinema audio system. There are many low frequencies recorded in film production studio from vibrating frequencies till multi low frequency sources at the same time which should be reproduced as the director hearing standard and watchers should hear and feel it.

This is not important to make a subwoofer with a huge boomy sound that can vibrate, its important that ears can find the difference between two close low frequency at the same time that of course help them to feel the movie better. In short words "hear the sound that director heard on action"

To reach these parameters, its important to have drivers use the latest technology and material. Foujan Ultra Low Distortion drivers with highest jump as possible and internal voice coil cooling system beside the high power magnet will let us to have the clean and power full low frequencies. Dual 18" subwoofer with frequency response down to 20Hz drive by 4" Voice Coil inside and outside of the Kapton former.



The speaker can be order as passive also became selfpowered with factory fitted by PowerSoft (Italy) and XTA (UK) power amplifiers modules with fully control able audio parameters via Computer software.

### Features


Transparent and reach Audio Quality  
Detailed low frequencies  
Customize drivers made in Europe  
Ultra Low distortion dual 18" subwoofers

### Application

Big Size Cinema Subwoofer

### Specifications

<b>Type</b>	Double 18" - ultra low distortion
<b>Frequency Response</b>	20~200Hz
<b>Drivers</b>	2 x 18" - 4"VC woofer Ultra low distortion subwoofers
<b>Power</b>	2.400W AES / 2 x 1.200 W AES
<b>Recommended Amplifier</b>	4.500W 4 ohm for highest dynamic range
<b>Sensitivity SPL</b>	99dB 1w/1m
<b>Nominal Impedance</b>	2 x 8 ohm (separated) 4 ohm total
<b>Coverage</b>	360 degree
<b>Crossover</b>	80Hz ~ 150Hz / 24dB
<b>Enclosure</b>	32mm MDF
<b>Finish</b>	Water Base Half Matt Black texture Paint
<b>Connectors</b>	Neutrik NL4
<b>Installation</b>	Ground Stack
<b>Dimension</b>	H: 80 cm x W: 120 cm x D: 50cm
<b>Weight</b>	120kg



Ultra Low Distortion  
HIGH Performance  
woofers

## CS30 Two Way 12" Cinema Surround Speaker

CS30 Cinema Surround uses the same quality drivers that the other C Series have, the same quality at the same time operation.

This speaker have a coaxial 12" transducer with its attached 1" high frequency driver that make it a right two way system.

The high frequency driver have an aluminum 60 degree conical coverage horn on its output which is centered in 12" mid-bass. This Aluminum horn is also close to the mid-bass voice coil inner voice coil and of course we can call it the other part of voice coil cooling system.

The 12" mid-bass have 3" voice coil made of copper on Kapton former and 400W of power. The cone is a weather resistant dual layer cellulose make it ready for wash each year. We use high quality black silk to stop the dust enter in and let the high frequency exit with out problem.

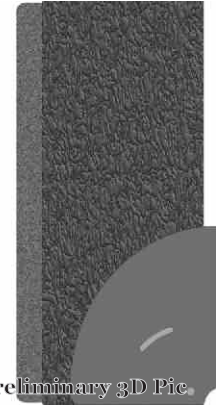
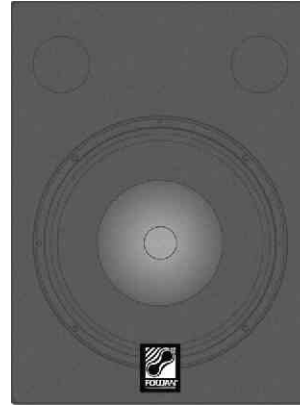
We use our popular annular diaphragm high frequency driver with power of 60W AES and peak power of 320W and frequency response up to 30kHz with excellent mid frequency response.

These high profile drivers are detailed sound and highest dynamic range in surround speakers due to its professional PA specification and our highest attentions to the quality of material we use.

High quality passive crossover components with metal resistors guaranty the whole system.

Removable textile grill and small size depth 22cm (with bracket) make it as ideal choice for the low profile decorative installation.

The exclusive installation bracket designed to make cinema sound designer to change the vertical coverage from 0 ~ 30 degrees for better coverage than before.



Preliminary 3D Pic.

### Specifications

<b>Type</b>	Compact 2 way - coaxial
<b>Frequency Response</b>	55~30 kHz
<b>Drivers</b>	1 x 12" - 3"VC Ultra low distortion mid-bass 1" exit, 1.75" annular diaphragm, 1.5" CCA VC
<b>Power</b>	400W AES
<b>Recommended Amplifier</b>	400 ~ 800W
<b>Sensitivity SPL</b>	98dB 1w/1m
<b>Nominal Impedance</b>	8 ohm
<b>Coverage</b>	60 degree Conical
<b>Crossover</b>	1.6 kHz 12dB
<b>Enclosure</b>	16mm MDF
<b>Finish</b>	Water Base Half Matt Black texture Paint
<b>Connectors</b>	Neutrik NL4
<b>Installation</b>	Bracket
<b>Dimension</b>	H: 50 cm x W: 37 cm x D: 20cm w/o bracket
<b>Weight</b>	22kg

### Features

- Transparent Audio Quality
- Detailed low frequencies
- Customize drivers made in Europe
- Ultra Low distortion Drivers

### Application

Cinema Surround

**Coaxial  
Two Way  
Driver**

