

NO COMPROMISE



MPRO



WHAT
DO YOU CALL
A LOUDSPEAKER,
THAT'S A
PERFECT
BLEND OF

Art &
SOUL?

More
on
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All-New Laminar Flow Baffle™



**3 High Performance,
Transportable Subwoofers**



**2 Complete Lines. 9 New Models.
Choose The One That Suits Your Style.**



**Powered By Crown® or
Add Your Own Power**



Cutting Edge Configurations



True JBL Performance & Reliability



JBL MPRO Loudspeakers.

**A Merging of Looks,
Legacy and Laminar Flow.**



One Piece Laminar Flow Baffle, which takes its cue from the aerospace industry, integrates horn, ports and woofer mounting.

You're looking at a speaker fashioned by more than 50 years of JBL engineering. What you don't see, however, is even more amazing. Like a unique Laminar Flow Baffle™, whose principles have their roots in aerospace engineering. A design so refined it will actually reduce distortion caused by both turbulence and diffraction. It's an MPRO exclusive.

MPRO exclusives don't end there. Consider our new generation of high performance, transportable subwoofers designed to outperform your wildest imagination of how good low end can sound. Case in point, our new premium MP418SP combines the exclusive, one-two punch of VGC™ (Vented Gap Cooling) and Crown amplifiers in a single, compact, portable enclosure. This remarkable product is more than a powered subwoofer, it's actually a complete and flexible sound system. The MP418SP features a built-in, two-channel amplifier module that delivers more than

1,300 'Powered By Crown' Watts of performance while also eliminating the cost and hassle of amp racks and external crossovers. All this in an enclosure less than 24" tall. What's

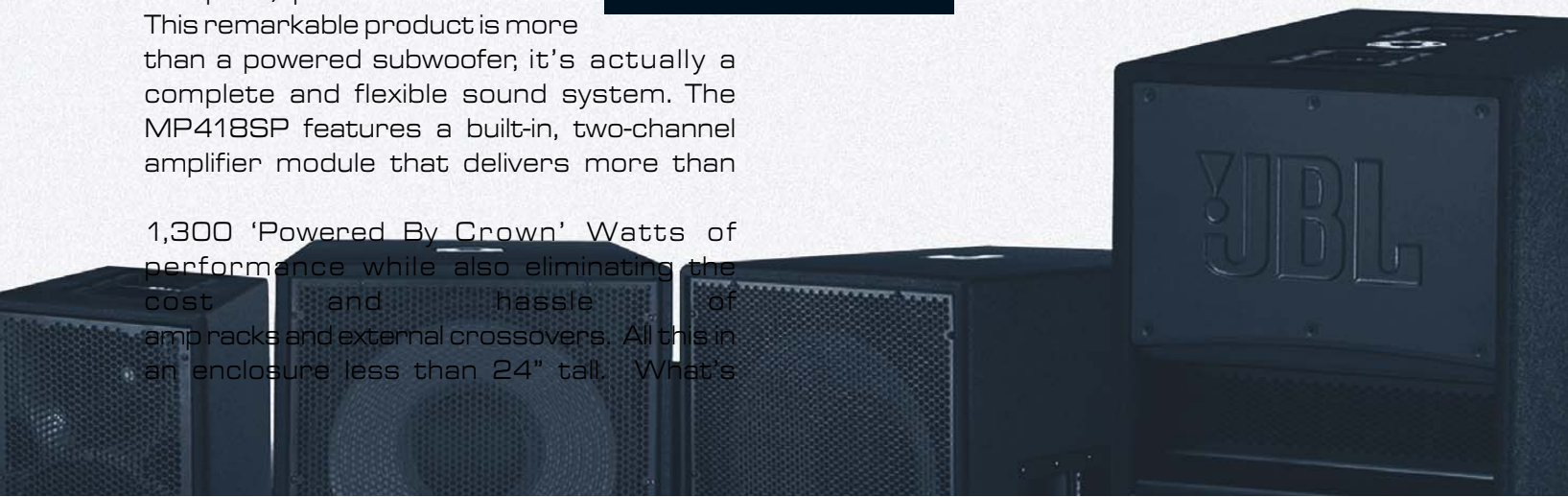
more, you can pole mount your favorite two-way speaker on top of the MP418SP for an unbeatable package of both performance and coverage.

Prefer to use your own amp? The MP255S dual 15" subwoofer uses a dual tuned chamber design to put all its energy where you need it- in the low end. Plus, with its heavy duty casters, great styling and tough plywood carpet-covered enclosure,

the MP255S is the new high-end subwoofer in the economy price class.



Self-powered and convenient - the MP418SP and MP410.



MPRO

200
S E R I E S



MP212 - 12 INCH TWO-WAY

Main PA for speech, vocals and instrument reinforcement. A great choice as a satellite over the MP255S for dance music and DJ use. A cost-effective and flexible speaker for pro audio rental or for use as a stage monitor for live performance. "Multi-angle" enclosure permits use for FOH (front of house) or stage monitor applications.



MP215 - 15 INCH TWO-WAY

Main PA for speech, vocals, instrument reinforcement and dance music playback. A great choice as a satellite over the MP255S for dance music and DJ use.

Great
Performance
value...

...No
Performance
sacrifice



MP225 - DUAL 15 INCH TWO-WAY

Main PA for live performance and dance music playback. The MP225's dual fifteen inch, two-way configuration provides for low-frequency power and extension without the use of a subwoofer.



MP255S - DUAL 15 INCH BAND-PASS SUBWOOFER

Add low-frequency power and extension to your performance. Dual fifteen inch band-pass design puts the energy in the bass region where it's needed for "punch" and power. Dual Neutrik® Speakon® NL-4 input connectors for secure connection and loop-through capability. Four heavy duty casters mounted on the rear of the enclosure for easy transport.



MP410 - 10 INCH TWO-WAY

Main PA for speech, vocals and instrument reinforcement. A great choice as a satellite over the MP418S or MP418SP for dance music and DJ use. Get professional quality and performance from this compact speaker enclosure.



MP412 - 12 INCH TWO-WAY

Main PA for speech, vocals and instrument reinforcement. A great choice as a satellite over the MP418S or MP418SP for dance music and DJ use. "Multi-angle" enclosure permits use for FOH (front of house) or stage monitor applications.



MP415 - 15 INCH TWO-WAY

Main PA for speech, vocals and instrument reinforcement. A great choice as a satellite over the MP418S or MP418SP for dance music and DJ use. "Multi-angle" enclosure permits use for FOH (front of house) or stage monitor applications.



Combine
No Compromise
performance...

...with a dose of
Engineering
brilliance



MP418S - 18 INCH COMPACT SUBWOOFER

Add low-frequency power and extension to your performance. Extraordinary, powerful bass from this compact, highly-transportable sub. The MP418S features VGC™ (Vented Gap Cooling), an exclusive JBL technology that greatly reduces loss of output resulting from power compression.



MP418SP - 18 INCH COMPACT SUBWOOFER—POWERED BY CROWN®

A dual 660 watt /channel amplifier that adds low-frequency power and extension to your performance. One channel powers the internal 18" VGC woofer. The other channel can power a satellite speaker or a passive MP418S subwoofer.



Fast and simple - your "Powered by Crown®" JBL system is ready to go in seconds.

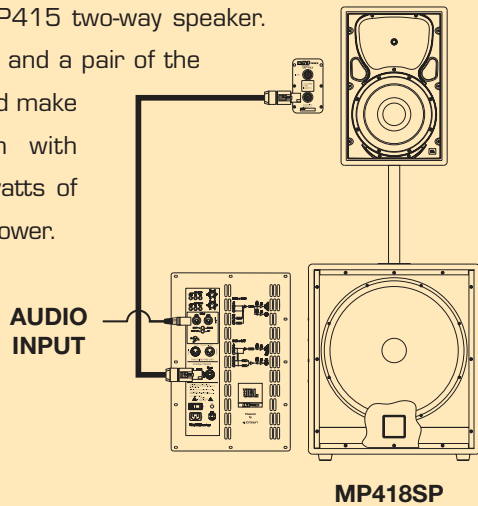
Power the Best Speakers With the Best Amplifier

That's the simple formula for great sound. And that's why JBL and Crown joined forces to create the MP418SP – the first product that combines these two great names in pro audio. All the power and performance of a bi-amplified, multi-way system. All the simplicity of a powered system.

MP418SP SUB + SAT MODE

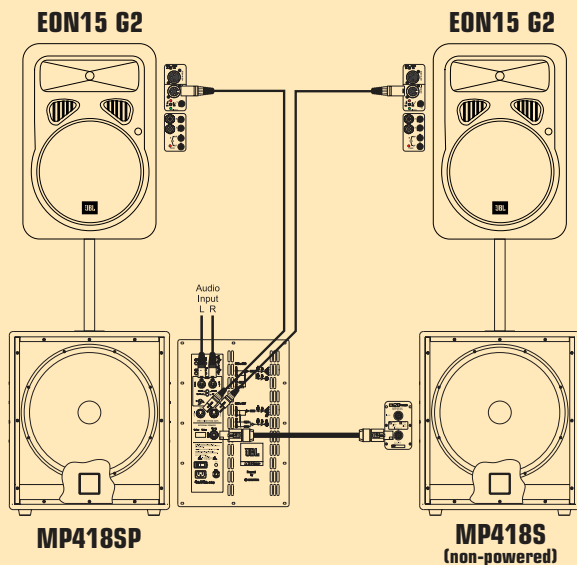
The external amplifier channel drives an MP410, MP412 or MP415 two-way speaker.

A pair of subs and a pair of the satellites would make up a system with over 2,100 watts of total system power.



MP418SP SUB + SUB MODE

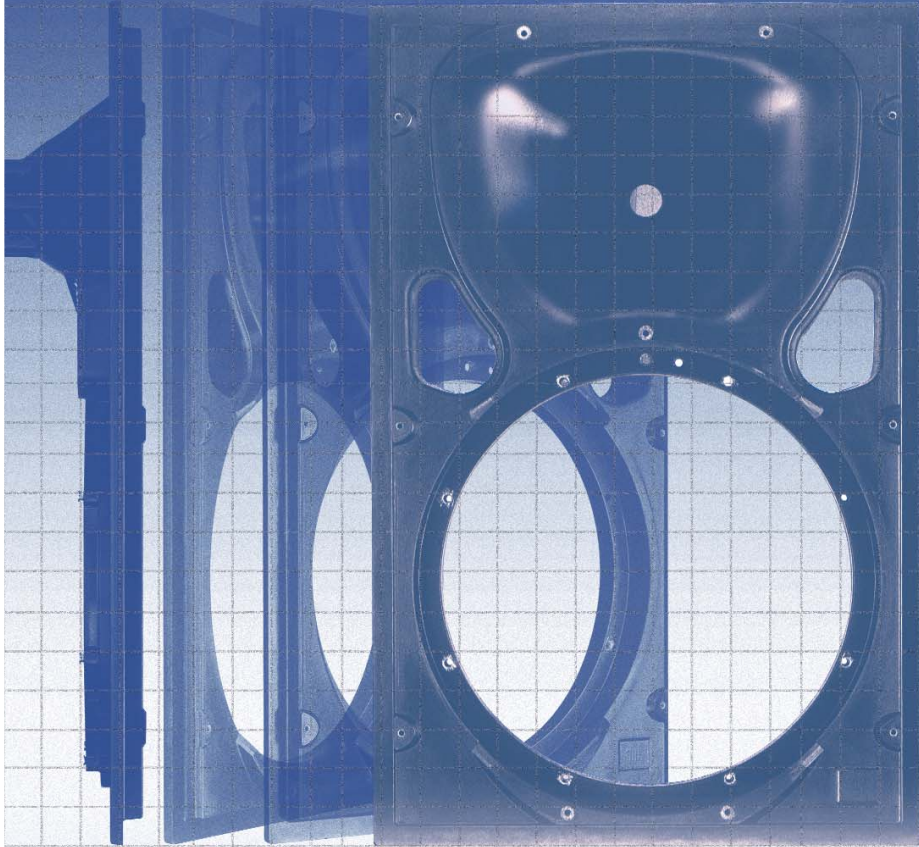
The external amplifier channel drives an MP418S (non-powered sub) for a 1,320 watt, dual-eighteen subwoofer system. A stereo, line level output drives a pair of powered speakers such as EON15 G2s. All the needed crossover functions are built in to the MP418SP.



JBL

PROFESSIONAL

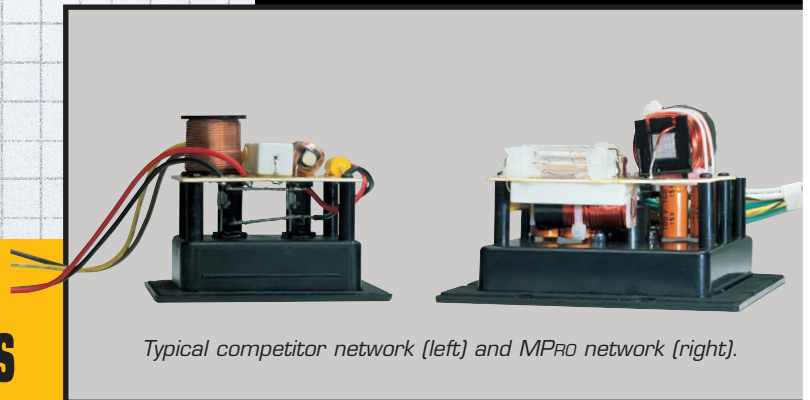
Technology



Laminar Flow Baffle™

All MPRO two-way models are designed around JBL's exclusive Laminar Flow Baffle™. There's more to the MPRO Laminar Flow Baffle than the coolest look you've ever seen on a pro speaker system. The term "Laminar Flow" is used by aerospace engineers to describe the non-turbulent flow of air over a surface. The new baffle incorporates a smooth, contoured surface that greatly reduces distortion caused by turbulence and diffraction. Constructed of Sheet Molding Compound (a super tough, cross-linked polymer), this one-piece baffle integrates horn, ports and woofer-mounting into a single part.

- Smooth ports with rounded edges greatly reduce distortion caused by turbulence.
- A concave shape and recessed woofer mounting reduce diffraction defects that harm frequency response.
- Molded baffle allows for large horn mouth (for improved mid-range) without growing the size of the system.



Typical competitor network (left) and MPRO network (right).

Crossover Networks

MPRO crossover networks serve three functions. Like all crossover networks, they direct the highs to the high frequency driver and the lows to the low frequency driver. In addition, each MPRO network is carefully tailored to smooth the frequency response. Finally, MPRO networks include SonicGuard™ to

protect high-frequency components from excess power. And MPRO networks have to stand up to JBL's grueling 100 hour power test standard so heavier coils and higher voltage capacitors are used. That's why you'll see a lot more packed into a JBL MPRO network.

MPRO

WHICH MP_{PRO} SYSTEM IS RIGHT FOR YOU?

HERE ARE 4 SIMPLE STEPS TO HELP YOU SELECT YOUR MP_{PRO} SYSTEM.

1 Consider what **source** you're going to put into the speaker.

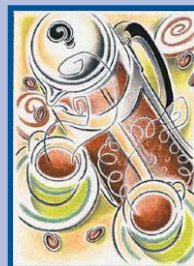
Speech & Vocals don't require low-frequency extension, but mid-range is critical for natural sound and intelligibility. Ten and twelve inch models tend to have better mid-range performance than fifteen inch models and will do a better job on speech and vocals.

Dance Music and DJ applications tend to require lots of low end. At the same time, the PA doesn't have to project over instrument amplifiers and acoustic drums so the DJ has complete control over volume. Ten and twelve inch models can be used successfully if the crowd size and performance level are appropriate (see chart). Creating the high-level, dance club experience will require a subwoofer or dual fifteen inch model.

Acoustic Instruments, such as guitars, do not require extended low-frequency performance. Natural sounding reproduction does require a model with good high-frequency extension to reproduce harmonics – the MP_{PRO} 400 models are especially good in this area.

Instrument Reinforcement, such as miking drums and sending bass or synth bass through the PA, requires more low-frequency power and extension. If you're using your PA for instrument reinforcement, you're probably also working at higher volumes. The best choice will include a subwoofer or a dual fifteen inch model.

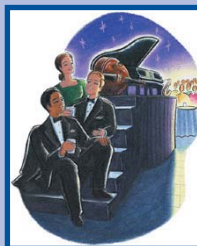
2 Consider **where** you'll be performing.



Smaller spaces and crowds such as a coffeehouse or intimate lounge would contain up to 50 people.



Clubs or other venues of a similar size would typically feature audiences of 50-300.



Ballrooms would be expected to host 300 or more.

3 Consider how **loud** you perform.

Very Loud

Conversation nearly impossible.

Loud

Have to shout to be heard.

Moderate

Close up conversation possible without shouting.

Low

Normal conversation possible.

4 Now, **choose** your MP_{PRO} System.

Model	Coffee House	Club	Ballroom	Notes
MP212	Very Loud	Loud	Loud	Speech & vocals, instrument solos. Doubles as a stage monitor
MP215	Very Loud	Loud	Loud	Speech & vocals, instrument solos, dance music
MP225	Very Loud	Very Loud	Very Loud	Speech & vocals, instrument solos, instrument reinforcement, dance music. Good lows without a sub
MP255S / MP212	Very Loud	Loud	Loud	Speech & vocals, instrument solos, dance music
MP255S / MP215	Very Loud	Very Loud	Loud	Speech & vocals, instrument solos, dance music
MP410	Very Loud	Loud	Moderate	Speech & vocals, instrument solos. Very compact and portable
MP412	Very Loud	Very Loud	Loud	Speech & vocals, instrument solos. Doubles as a stage monitor
MP415	Very Loud	Very Loud	Loud	Speech & vocals, instrument solos, dance music. Doubles as a stage monitor
MP418S or MP418SP / MP410	Very Loud	Loud	Moderate	Speech & vocals, instrument solos, instrument reinforcement, dance music
MP418S or MP418SP / MP412	Very Loud	Very Loud	Loud	Speech & vocals, instrument solos, instrument reinforcement, dance music
MP418S or MP418SP / MP415	Very Loud	Very Loud	Loud	Speech & vocals, instrument solos, instrument reinforcement, dance music

The MPro Sub-Sat System Story

The "Sub-Sat" system is the hottest thing in portable sound because it makes sense. The sub is down on the floor where it works the best and the mids and highs are elevated for better coverage of the crowd. And instead of putting the whole system into one big box, it's in two, easier to handle enclosures.

MPro 200 SERIES SUB-SAT SYSTEMS

Start with the MP215 fifteen inch 2-way speaker system. Then add the MP255S. The MP255S sub uses a "band-pass" design that shifts most of its output down into the low-end where it's needed. And it's got a low-pass filter that gets rid of the remaining mids. So all the user needs to do is connect the MP255S subs to the same amp that's already driving the MP215. Of course, even better performance and control is possible with a crossover and a separate amplifier for the subwoofer.



MP255S with SS3BK pole can combine with MP212 or MP215 speakers to make the perfect Sub-Sat system.

MPro 400 SERIES SUB-SAT SYSTEMS

MP418S / MP415

Compact, non-powered
Sub-Sat system

For those who prefer an externally powered system. Great for dance music and mobile DJ applications or live sound reinforcement for groups and clubs.

MP418SP / MP410

Compact, powered
Sub-Sat system

For dance music and mobile DJ applications as well as live sound reinforcement for groups and clubs, especially when both low-frequency power and mid-range clarity are critical.

MP418SP / MP412

High-output, powered Sub-Sat system

For dance music and mobile DJ applications as well as live sound reinforcement for groups and clubs, especially when low-frequency power, higher performance levels and extended high-frequency are critical.



MP418SP with SS3BK pole can combine with MP410, MP412 or MP415 speakers to make the perfect Sub-Sat system.