

*Construction*

# *The New Forward Firing* **FRx** • SERIES



You don't need a huge room to enjoy large-as-life sound.

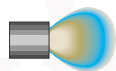
And you don't require a big budget to get speakers blending the highest quality design and performance. Mirage® has proven it with the remarkable sound reproduction of the FRx-ONE and FRx-THREE, two new bookshelf models in our impressive new forward-radiating FRx-Series. Once again we've demonstrated that in the world of high fidelity, it's possible to be real compact and still have real impact.

Solidly and stylishly housed in contoured cabinets with uniquely rounded corners, both the

FRx-ONE and FRx-THREE are vented, magnetically shielded, and incorporate a Pure Metal Hybrid dome tweeter, with the former driven by a 5-1/2" injection-molded woofer and the latter by a 6-1/2" woofer. The combination yields a level of unmatched sonic performance, combining wide dispersion, exceptionally low distortion and natural, dynamic highs. Respectively rated at 15-100 and 15-110 watts RMS/channel, the FRx-ONE and FRx-THREE blend beautifully with any room decor while offering perfectly seamless sound throughout.

Mirage®. We wrote the book on bookshelf speakers.

.....  
**FORWARD-FIRING**



*Speakers*

.....  
**Mirage**®

MR101

# FRX • ONE      FRX • THREE

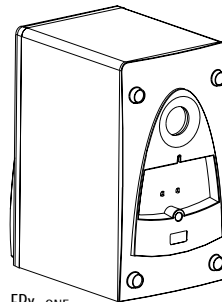


## Features      Benefits

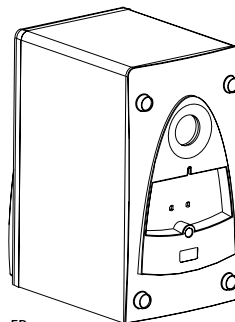
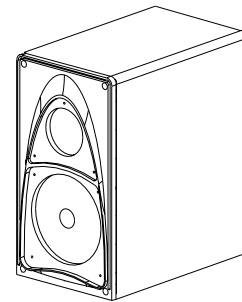
New Pure Metal Dome Tweeter.	Low distortion and fantastic transient response means sweet, natural highs.
Time Domain Equalizer.	Provides great dispersion and a wide soundstage and faithful high frequency reproduction.
Brand new and proprietary, advanced composite technology mid/bass drivers.	Coherency in the midrange for natural vocals and deep, tight bass performance.
Injection molded copolymer woofer baskets.	Immune to the "ringing" associated with stamped metal baskets. Clearer bass reproduction.
High efficiency.	Will perform perfectly with either high or low powered components.
5 way gold plated binding posts.	The better the connection and speaker wire, the better the performance of the speaker.
Sculptured glass resin injected baffles with "X" Technology structure.	Accurate timbre balance and great soundstage.
High Power Handling.	Can safely be connected to many high powered amplifiers and receivers.
Rubber Insolation Feet	For stability and improved bass performance

## Specifications

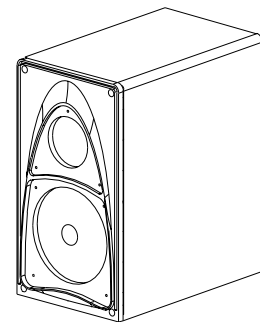
Model:	FRX • ONE	FRX • THREE
System Type:	Vented Bookshelf	Vented Bookshelf
Magnetic Shielding:	Yes	Yes
Frequency Response:	55Hz - 22KHz, + -3	47Hz - 22KHz, + -3
Tweeter:	3/4" (19mm) Pure Metal Hybrid Dome	3/4" (19mm) Pure Metal Hybrid Dome
Woofer:	5-1/2" (14cm) Injection Molded Polypropylene Cone with Butyl Surround	6-1/2" (16.5cm) Injection Molded Polypropylene Cone with Butyl Surround
Crossover Point:	2K	2K
Room Efficiency:	88dB	90dB
Impedance:	8 ohm Compatible	8 ohm Compatible
Required Amp Power:	15-100 Watts RMS/channel	15-110 Watts
Inputs:	5 way gold plated binding posts	5 way gold plated binding posts
Finish:	Black Ash or Cherry	Black Ash or Cherry
Dimensions: (in) (cm)	12-1/2 x 6-7/8 x 9 31.75 x 17.5 x 22.9	14 x 7-1/2 x 10-1/2 55.6 x 19.1 x 26.7



FRX • ONE



FRX • THREE



\* Specifications subject to change without notice.



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## The New Forward Firing **FRx** SERIES

There is no need to make a compromise... no need to settle for anything less than it all. With the strikingly designed, floor-standing models in the Mirage® FRx-Series of forward-radiating speakers, we've satisfied both those with an eye for the aesthetic and an ear for the acoustic.

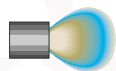
The FRx-FIVE and FRx-SEVEN will become the showpiece of any room in which they are placed, thanks to their distinctive rounded cabinet edges and surpassingly smooth sound.

Take a glimpse behind the grill and you'll discover a combination of the highest caliber componentry, featuring a unique Pure Metal Hybrid dome tweeter, superbly paired with either a 6-1/2" injection-molded woofer in the FRx-FIVE or twin 5-1/2" woofers in the FRx-SEVEN, and rated at 150 and 200 watts RMS/channel respectively. Sharing many of the same revolutionary design characteristics as found in Mirage's breakthrough OM-Series of Omnipolar® speakers, FRx Drivers are designed for improved transparency and virtually non-existent distortion.

The new FRx-Series from Mirage®. Like nothing you've ever heard — or seen — before.



FORWARD-FIRING



*Mirage*®

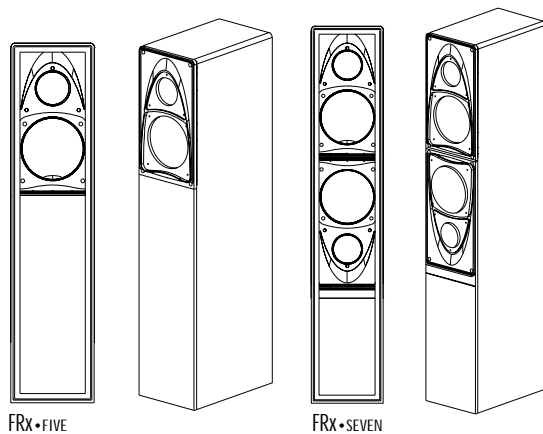
AN ELLIOTT COMPANY

Speakers



**Features Benefits**

New Pure Metal Dome Tweeter.	Low distortion and fantastic transient response means sweet, natural highs.
Time Domain Equalizer.	Provides great dispersion and a wide soundstage and faithful high frequency reproduction.
Brand new and proprietary, advanced composite technology mid/bass drivers.	Coherecy in the midrange for natural vocals and deep, tight bass performance.
Injection molded copolymer woofer baskets.	Immune to the "ringing" associated with stamped metal baskets. Clearer bass reproduction.
High efficiency.	Will perform perfectly with either high or low powered components.
5 way gold plated binding posts.	The better the connection and speaker wire, the better the performance of the speaker.
Sculptured glass resin injected baffles with "X" Technology structure.	Accurate timbre balance and great soundstage.
High Power Handling.	Can safely be connected to many high powered amplifiers and receivers.



**Specifications**

Model:	FRX FIVE	FRX SEVEN
System Type:	Vented floor standing	Vented floor standing
Magnetic Shielding:	Yes	Yes
Frequency Response:	40Hz - 22KHz, + -3	35Hz - 22KHz, + -3
Tweeter:	3/4" (19mm) Pure Metal Hybrid	3/4" (19mm) Pure Metal Hybrid
Woofer:	6-1/2" (16.5cm) Injection Molded Polypropylene Cone with Butyl Surround	Two 5-1/2" (14cm) Injection Molded Polypropylene Cone with Butyl Surround
Crossover Point:	2K	2K
Room Efficiency:	90dB	91dB
Impedence:	8 ohm Compatible	8 ohm Compatible
Required Amp Power:	15-150 Watts RMS/channel	15-200 Watts RMS
Inputs:	Two pairs of gold plated 5 way binding posts	Two pairs of gold plated 5 way binding posts
Finish:	Black Ash or Cherry	Black Ash or Cherry
Dimensions: (in)	33 x 7-1/2 x 13	36 x 6-7/8 x 13
(cm)	83.8 x 19 x 33	91.4 x 17.5 x 33

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# The New Forward Firing **FRx** SERIES



There are many things in life worth aspiring to. At Mirage®, it's always been the pursuit of perfect sound that drives us. Now, to that end, arrives the flagship of Mirage's innovative new series of forward-radiating speakers – the FRx-NINE, an elegantly engineered and awesomely performing speaker powered by its own high current 100 watt MOSFET amplifier for the subwoofer.

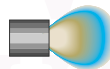
At the high-tech heart of this showcase speaker is a Pure Metal Hybrid dome tweeter that sounds as golden as it looks, matched with a 6-1/2" injection-molded midrange and a 8" injection-molded subwoofer. But that's just the beginning.

The state-of-the-art technology inside the FRx-NINE is equalled by its sophisticated good looks, displaying the same sleekly contoured cabinetry and distinctively rounded corners that characterize the entire FRx-Series.

For unmatched sound in music and home theater systems, this breakthrough speaker boasts wide dispersion, low distortion and a fast decay time designed for the most natural, dynamic highs.

The FRx-NINE from Mirage®. If you're ready for the ultimate in sound, the ultimate in sound is ready for you.

FORWARD-FIRING





## Features

## Benefits

New Pure Metal Dome Tweeter.	Low distortion and fantastic transient response means sweet, natural highs.
Time Domain Equalizer.	Provides great dispersion and a wide soundstage and faithful high frequency reproduction.
Brand new and proprietary, advanced composite technology mid/bass drivers.	Coherency in the midrange for natural vocals and deep, tight bass performance.
Injection molded copolymer woofer baskets.	Immune to the "ringing" associated with stamped metal baskets. Clearer bass reproduction.
High efficiency.	Will perform perfectly with either high or low powered components.
5 way gold plated binding posts.	The better the connection and speaker wire, the better the performance of the speaker.
Sculptured glass resin injected baffles with "X" Technology structure.	Accurate timbre balance and great soundstage.
High Power Handling.	Can safely be connected to many high powered amplifiers and receivers.
Internal Powered Sub.	Enhances the listening experience by generating more bass than even the largest speakers. Provides all the performance of audiophile speakers, plus earth shaking bass.
100 Watt Amplifier.	Reduces the workload of the system amplifier, resulting in greater reliability and sound quality.

## Specifications

Model:	FRX • NINE
System Type:	Powered, vented floor standing
Magnetic Shielding:	Yes
Frequency Response:	25Hz - 22KHz, + -3
Tweeter:	3/4" (19mm) Pure Metal Hybrid Dome
Midrange:	6-1/2" (16.5cm) Injection Molded Polypropylene Cone with Butyl Surround
Woofer:	8" (20.3cm) Injection Molded Polypropylene Cone with Butyl Surround
Internal Amplifier:	High current 100 watt Mosfet with isolated power supply
Low Frequency Equalizer:	Continuously variable from -3dB @ 25Hz to +3dB @ 50Hz
Supply Voltage:	110/120v, 60Hz 220/240v, 50Hz
Crossover Point:	100HZ, 2K
Room Efficiency:	91dB
Impedance:	8 ohm Compatible
Required Amp Power:	15-200 Watts RMS/channel
Inputs:	Two pairs of gold plated 5 way binding posts
Finish:	Black Ash
Dimensions: (in)	40 x 6-7/8 x 13
(cm)	101.6 x 17.5 x 33



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Construction

# The New Forward Firing **FRx** SERIES



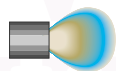
Two speakers are simply too few to capture today's cinematic experience at home. That's why Mirage® developed the FRx-Series of loudspeakers, all tailor-made to handle the special effects of today's Hollywood blockbusters, from thundering dinosaurs to wartime battles on the beach.

In addition to the FRx's two bookshelf and three floor standing-models, Mirage® now offers an outstanding timbre-matched center channel and an Omnipolar® rear channel that perform marvelously with even the most demanding movie soundtracks.

Complementary in its design with the other speakers in the series, the FRx-CENTER is vented and magnetically shielded, incorporating a Pure Metal Hybrid dome and two 4-1/2" injection-molded woofers. The FRx-REAR satellites feature two PMH dome tweeters and a 5-1/2" woofer. Both are rated at 15-100 watts RMS/channel and add a whole new dimension to your listening pleasure.

Thinking home theater? Then think the FRx-CENTER and FRx-REAR from Mirage®. For sound that puts you in the center of all the on-screen action.

.....  
**FORWARD-FIRING**



.....  
**Mirage®**

Speakers



FRX-CENTER



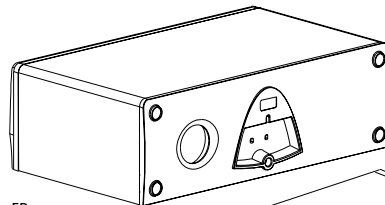
FRX-REAR

## Specifications

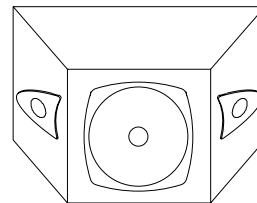
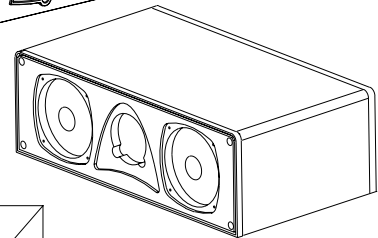
Model:	FRX-CENTER	FRX-REAR
System Type:	Vented center channel	Omnipolar, surround
Magnetic Shielding:	Yes	No
Frequency Response:	58Hz - 22KHz, + -3	55Hz - 22KHz, + -3
Tweeter:	3/4" (19mm) Pure Metal Hybrid Dome	Two 3/4" (19mm) Pure Metal Hybrid Dome
Woofer:	Two 4-1/2" (11.4cm) Injection Molded Polypropylene Cone with Butyl Surround	5-1/2" (14cm) Injection Molded Polypropylene Cone with Butyl Surround
Crossover Point:	2K	2K
Room Efficiency:	89dB	89dB
Impedance:	8 ohm Compatible	8 ohm Compatible
Required Amp Power:	15-100 Watts RMS/channel	15-100 Watts RMS/channel
Inputs:	5 way gold plated binding posts	5 way gold plated binding posts
Finish:	Black Matte	Black or White
Dimensions: (in)	5-1/2 x 17 x 11.5	6-7/8 x 12-1/2 x 5-5/8
(cm)	14 x 43.1 x 26.7	17.5 x 31.75 x 14.3

## Features Benefits

New Pure Metal Dome Tweeter.	Low distortion and fantastic transient response means sweet, natural highs.
Time Domain Equalizer.	Provides great dispersion and a wide soundstage and faithful high frequency reproduction.
Brand new and proprietary, advanced composite technology mid/bass drivers.	Coherency in the midrange for natural vocals and deep, tight bass performance.
Injection molded copolymer woofer baskets.	Immune to the "ringing" associated with stamped metal baskets. Clearer bass reproduction.
High efficiency.	Will perform perfectly with either high or low powered components.
5 way gold plated binding posts.	The better the connection and speaker wire, the better the performance of the speaker.
Sculptured glass resin injected baffles with "X" Technology structure.	Accurate timbre balance and great soundstage.
High Power Handling.	Can safely be connected to many high powered amplifiers and receivers.
Rubber Insolation Feet	For stability and improved bass performance



FRX-CENTER



FRX-REAR

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**FRx**•SERIES *Subwoofers*



Providing equally impressive performance for both two-channel stereo and home theater applications is the new FRx-Series Subwoofers from Mirage®.

Designed to integrate seamlessly with the successful FRx-Series and Omnipolar® OM-Series speakers, this new line of subwoofers takes full advantage of the latest Mirage® technological advancements in both cabinet and driver technologies to achieve incredible bass output, with virtually undetectable distortion.

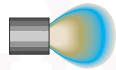
Three models comprise this new series — the FRx-S8, FRx-S10 and FRx-S12 — all sharing specific Mirage® design characteristics aimed at both improving overall performance and

enhancing the listener's enjoyment.

Although all three models are similar in many ways, each possesses unique benefits as well. Nominated for Subwoofer of the Year by Home Cinema Choice, the tiny FRx-S8's cabinet belies its huge sound and allows it to fit unobtrusively into any decor. The FRx-S10 is magnetically shielded to simply integrate into Home Theater applications. The big FRx-S12 is equipped with high level outputs and an adjustable phase control that permits easy tonal blending with even the least perfect placement.

The FRx-Series Subwoofers from Mirage®. Performance and power like never before.

FORWARD-FIRING



# FRx•S8      FRx•S10      FRx•S12



FRx•S8



FRx•S10



FRx•S12

## Features

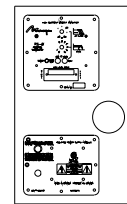
## Benefits

MOSFET Amplification	Greater reliability coupled with superior performance. The power output of the subwoofer is clean, with very low distortion.
Isolated Power Supply	The subwoofer runs quietly, free of unwanted noise.
Internal Heatsinks	Efficient heat dissipation maximizes performance while permitting flexible placement.
Increased Motor Structure Size	Incredibly low and very powerful, accurate bass response.
Auto On/Off Circuit	For handy convenience, it is unnecessary to manually turn the subwoofer on and off.
Protection Circuitry	The speakers are efficient and free of unwanted noise.
Clipping Circuitry (CPC)	Ensures clear, and undistorted bass reproduction.
Magnetic Shielding	Allows placement in close proximity to a television or computer for various home theater options.
Revised Input Sensitivity	Can be efficiently used with any product on the market. High voltage output receivers are easily accommodated and lower voltage systems are granted a liberal use of the volume.

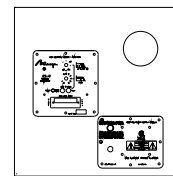
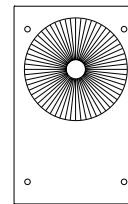
\* Specifications subject to change without notice.

## Specifications

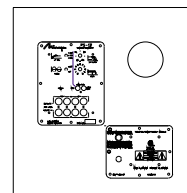
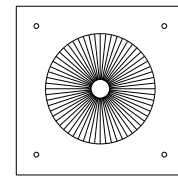
Model:	FRx•S8	FRx•S10	FRx•S12
System Type:	Discrete MOSFET Class A/B	Discrete MOSFET Class A/B	Discrete MOSFET Class A/B
Amplifier Type:	Bass Reflex	Bass Reflex	Bass Reflex
Power Output:	100 Watts/400 watts peak	100 Watts/400 watts peak	150 Watts/600 watts peak
Woofers:	8" (20cm) long throw	10" (25.4cm) long throw shielded	12" (30.5cm) long throw
Magnetic Size:	20 oz (.57kg)	44 oz (1.25kg)	62 oz (1.76kg)
Voice Coil Diameter:	1" (2.5cm)	1-1/2" (3.8cm)	2" (5.1cm)
Frequency Response:	29Hz - 100KHz, + -3	25Hz - 100KHz, + -3	20Hz - 100KHz, + -3
Low Frequency Equalization:	N/A	N/A	-3dB @ 22Hz -3dB @ 40Hz
Phase Switch:	N/A	N/A	0° / 180°
Variable Low Pass Filter:	50Hz - 100Hz @ 18dB/Octave	50Hz - 100Hz @ 18dB/Octave	50Hz - 100Hz @ 18dB/Octave
External Crossover:	200mV	200mV	200mV
Special Features:	Auto On Protection Circuitry	Auto On Protection Circuitry	Auto Turn On Overdrive Protection
Finish:	Black Ash	Black Ash	Black Ash
Weight:	25.9lbs (10.2kg)	45lbs (20.4kg)	55lbs (25kg)
Dimensions: (in)	9-5/8 x 15-5/8 x 10-7/8	15-9/16 x 15-9/16 x 15	17 x 17 x 17-13/16
(cm)	25 x 40.2 x 27.7	39.5 x 39.5 x 38.4	43.2 x 43.2 x 45.3



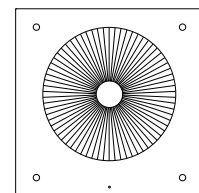
FRx•S8



FRx•S10



FRx•S12



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## Introducing the *FRx*·S15 Powered Subwoofer



The FRx-S15 powered subwoofer provides equally impressive performance in both two channel stereo and home theater applications. Designed to integrate seamlessly with the successful FRx and OM Series speakers, this new subwoofer takes advantage of Mirage's latest technological advancements in both cabinet and driver technology to achieve incredible bass output with virtually undetectable distortion.

The FRx-S15 employs specific Mirage design and technology characteristics aimed at improving performance and enjoyment. IC chips used by the competition have low current output capability, higher distortion ratios, and exaggerated output claims. The FRx-S15 is powered

by a MOSFET class A/B amplifier to ensure that the signal is strong, clean and free of distortion.

Convenience is an important consideration as well at Mirage. Automatic Power On/Off provides handy "set it and forget it" convenience, sensing the incoming signal and switching on or off, accordingly. The External Crossover Input, a feature unique in its category and applauded by audiophiles, effectively bypasses the controls on the subwoofer itself.

A large magnet assembly and voice coil drive a downward firing driver that provides this sub with incredible bass response, capable of dropping all the way down to 18Hz. A newly revised input sensitivity circuit permits easy handling of any incoming signal, including the voltage of the highest-powered home theater receivers.

On-site assembly at our 165,000 square foot facility has earned, and allows Mirage to maintain, the enviable reputation of being one of the world's largest subwoofer suppliers. Easy access to the production line permits our engineering and quality control departments the opportunity to verify that every aspect of the FRx-S15 lives up to the performance and reliability expected of Mirage subwoofers.

*Mirage*<sup>®</sup>

# FR•S15

## Features Benefits

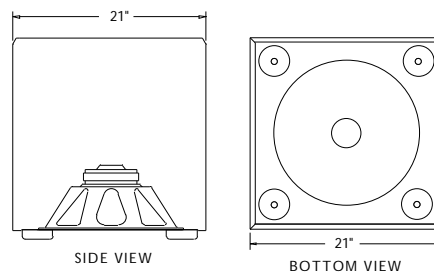
Designed and Assembled In-House	Greater reliability coupled with superior performance.
Mosfet Amplification	The power output of the subwoofer is clean with very low distortion.
Isolated Power Supply	The subwoofer runs quietly, free of unwanted noise.
Internal Heatsinks	Efficient heat dissipation maximizes performance while permitting flexible placement.
Auto On/Off Circuit	For handy convenience, it is unnecessary to manually turn the subwoofer on and off.
Protection Circuitry	Thermal protection keeps it running cool, muting circuitry prevents noise when the system is switched on and off.
Clipping Circuitry	Ensures clear, undistorted bass reproduction.
High and Low Level Inputs	The subwoofer allows the flexibility of connection, regardless of age or limited outputs of the electronics.
High Level Outputs	Provides better blending, no doubling up on frequencies and zero stress on the satellites to result in superior performance at high levels.
Variable Volume Control	Allows a better balance of bass output to the main speakers.
Variable Crossover Contour Controls	Guarantees perfect blending of bass frequencies to all speakers and environments.
Phase Switch	Will tonally blend into any room, regardless of placement.



## Specifications

System Type:	Bass reflex
Amplifier Type:	Discrete MOSFET Class A/B
Power Output:	300 watts
Woofer:	15" down firing
Frequency Response:	18Hz-150Hz +- 3db
Low Frequency Equalization:	-3db @ 22Hz, + 3db @ 40Hz
Phase Switch:	0° /180°
Variable Low Pass Filter:	50Hz -100Hz @ 18 db/octave
Low Level High Pass Filter:	Fixed at 85db/octave
High Level High Pass Filter:	80Hz
Inputs:	Low level, high level, external crossover
Outputs:	Low level, high level
Weight:	72 lbs. (32.1kg)
Dimensions: (in)	20.5 x 21 x 21
(cm)	52.1 x 53.3 x 53.3

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SEE THE MUSIC!

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