

## 90is-Series

While extolling the many virtues and sonic benefits of our patented Bipolar design, Mirage recognizes that in more confined areas, a more traditional, forward-firing loudspeaker design may well suffice. And so we proudly present our new "90is" Series with five models - both floorstanding and bookshelf - which share the elegant good looks and exacting standards of other Mirage speakers. Designed as true audiophile speakers, they

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### 490is

A magnetically shielded, quasi 3-way speaker system with a 1" (25.4 mm) vapor-deposited titanium dome tweeter and two 5-1/2" (14 cm) injection-molded polypropylene woofers. A floor-standing model, it achieves usable bass response of 35Hz and maximum power handling of 125 watts RMS. Ideal for installations in high-end audio/video systems where placement close to the television or cabinet is necessary.



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### 390is

A floorstanding 2-way speaker system with a 1" (25.4 mm) vapor-deposited titanium dome tweeter and 6-1/2" (16.5 cm) injection-molded polypropylene woofer. Usable bass response of 35Hz and maximum power handling of 125 watts RMS. Finished in black ash, this speaker will complement the finest audio or video systems.



perform exceedingly well either for music or home theater surround sound systems. These speakers combine perfectly with Mirage's timbre matched center channels, Bipolar surrounds and BPS-Series subwoofers for the ultimate in AC-3 Dolby Digital Surround™ or Dolby Pro Logic™ systems.

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### 290is

Sporting an attractive new trim, this powerful new bookshelf speaker system incorporates the same 1" (25.4 mm) vapor-deposited titanium dome tweeter and 6-1/2" (16.5 cm) injection-molded polypropylene woofer as the 390is. Available with a 25" (63.5 cm) stand, its usable bass response is 37Hz and its maximum power handling 125 watts RMS.

1995 A/V International Grand Prix Award Winner



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### 190is

With its handsome trim and optional 25" (63.5 cm) stand, the 190is is a bookshelf speaker system with a 1" (25.4 mm) vapor-deposited titanium dome tweeter and 5-1/2" (14 cm) injection-molded polypropylene woofer. Usable bass response of 41Hz and maximum power handling of 110 watts RMS.



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### 90is

For the most compact bookshelf scenarios, the 90is speaker system is designed with a 1/2" (13 mm) vapor-deposited titanium dome tweeter and 5-1/4" (13.3 cm) injection-molded polypropylene woofer. Usable bass response of 52HZ and maximum power handling of 80 watts RMS. A 28" (71.1 cm) stand optional.



# 90is-Series

|  | <b>M-490is</b>   | <b>M-390is</b>   | <b>M-290is</b>   | <b>M-190is</b>  | <b>M-90is</b>  |
|--|--|--|--|---|--|
| <b>SYSTEM TYPE:</b>                            | Floor standing, front radiating 2 way loudspeaker. Front vented through tuned port.                              | Floor standing, front radiating 2 way loudspeaker. Front vented through tuned port.        | High performance book shelf speaker. Front radiating 2 way design. Front vented.           | High performance book shelf speaker. Front radiating 2 way design. Front vented.          | High performance book shelf speaker. Rear ported.          |
| <b>TWEETER:</b>                                | 1" (25.4 mm) magnetically shielded, ferro-fluid cooled, vapour deposited Titanium dome.                          | 1" (25.4 mm) ferro-fluid cooled, vapour deposited Titanium dome.                           | 1" (25.4 mm) ferro-fluid cooled vapour deposited Titanium dome.                            | 1" (25.4 mm) ferro-fluid cooled vapour deposited Titanium dome.                           | 1/2" (13 mm) Titanium coated dome.                         |
| <b>BASS/ MID DRIVERS:</b>                      | 2 x 5-1/2" (14 cm) magnetically shielded, injection molded polypropylene cones. Termination via Butyl surrounds. | 1 x 6-1/2" (16.5 cm) injection molded polypropylene cone. Termination via Butyl surrounds. | 1 x 6-1/2" (16.5 cm) injection molded polypropylene cone. Termination via Butyl surrounds. | 1 x 5-1/2" (14 cm) injection molded polypropylene cones. Termination via Butyl surrounds. | 1 x 5-1/4" (13.5 cm) injection molded polypropylene cones. |
| <b>FREQUENCY RESPONSE:</b><br>On Axis (+/-3dB) | 42Hz - 22KHz   | 42Hz - 22KHz   | 43Hz - 22KHz   | 47Hz - 22KHz  | 58Hz - 20KHz   |
| <b>USABLE BASS CUTOFF:</b><br>(-10dB Anechoic) | 35Hz   | 35Hz   | 37Hz   | 41Hz  | 50Hz   |
| <b>SENSITIVITY:</b><br>(Anechoic)              | 89dB<br>86dB @ 2.83V / 1M  | 89dB<br>86dB @ 2.83V / 1M  | 89dB<br>86dB @ 2.83V / 1M  | 87dB<br>85dB @ 2.83V / 1M   | 89.5dB<br>86.5dB @ 2.83V / 1M                              |
| <b>CROSSOVER POINT:</b>                        | 1.8KHz   | 1.8KHz   | 1.8KHz   | 1.8KHz  | 3.0KHz   |
| <b>NOMINAL IMPEDANCE:</b>                      | 8 Ohms   | 8 Ohms   | 8 Ohms   | 8 Ohms  | 8 Ohms   |
| <b>RECOMMENDED AMPLIFIER POWER:</b>            | 15 - 125 Watts RMS   | 15 - 125 Watts RMS   | 15 - 125 Watts RMS   | 15 - 110 Watts RMS  | 15 - 80 Watts RMS  |
| <b>MAXIMUM POWER HANDLING:</b>                 | 125 Watts RMS  | 125 Watts RMS  | 125 Watts RMS  | 110 Watts RMS   | 80 Watts RMS   |
| <b>DIMENSIONS:</b><br>HxWxD                    | 35-3/4"x7-5/8"x9-3/8"<br>90.8 x 19.4 x 23.8 cm   | 33-7/8"x8-1/2"x10-1/2"<br>85.4 x 21.4 x 26.7 cm  | 16"x8-1/2"x10-1/2"<br>40.6 x 21.6 x 26.7 cm  | 14-5/8"x7-1/4"x10-1/4"<br>84.2 x 18.4 x 26 cm   | 10-1/2"x6-1/2"x8-1/4"<br>26.7 x 16.5 x 21 cm               |
| <b>WEIGHT:</b>                                 | 36 lbs (14.2 kg)   | 32 lbs (12.6 kg)   | 18 lbs (7.1 kg)  | 16 lbs (6.3 kg)   | 8.1 lbs (3.2 kg)   |
| <b>FINISH:</b>                                 | Black High Gloss   | Black Ash Vinyl Veneer   | Black Ash Vinyl Veneer   | Black Ash Vinyl Veneer  | Black Ash/White Vinyl Veneer                               |
| <b>GRILLE COLOR:</b>                           | Black  | Black  | Black  | Black   | Black/White  |