

# Magnat



## MONITOR S LINE



# MONITOR S LINE – SOUND NEW DEFINED

## KEY FACTS

- INNOVATIVE FLOORSTANDING UNIT (S 80 ATM) WITH INTEGRATED DOLBYATMOS SPEAKER FOR AN UNCOMPLICATED CINEMA SOUND, CERTIFIED ACCORDING TO DOLBY ATMOS GUIDELINES
- ADDITIONAL INTEGRATED COAXIAL SPEAKER FOR DOLBY ATMOS WITH ITS OWN CONNECTING TERMINAL (S 80 ATM)
- 2 CENTER SPEAKER OPTIONS:  
EXTREMELY POWERFUL CENTER SPEAKER (S 14 C)  
FOR AMBITIOUS HOME THEATER OR COMPACT  
CENTER SPEAKER (S 12 C)
- 3 BOOKSHELF LOUDSPEAKER MODELS FOR  
USE AS HI-FI OR EFFECT LOUDSPEAKERS  
IN HOME THEATERS
- DIPOLE SPEAKER (S 10 D) FOR PERFECT  
SURROUND SOUND IN HOME THEATER  
WITH WALL MOUNTING OPTION



# MONITOR S 80 ATM

NEW TECHNICAL HIGHLIGHTS OF THE SERIES

 **Dolby Atmos**



SPECIALLY DESIGNED COAXIAL  
LOUDSPEAKER ACCORDING  
TO DOLBY ATMOS GUIDELINES  
AND CERTIFIED BY DOLBY LABS



28 MM TWEETER WITH FABRIC  
DOME AND NEW ACOUSTIC  
FLANGE GEOMETRY



TWO 170 MM WOOFERS AND  
ONE 110 MM MIDRANGE  
DRIVER FOR PERFECT SOUND



# MONITOR S 80 ATM

NEW TECHNICAL HIGHLIGHTS OF THE SERIES

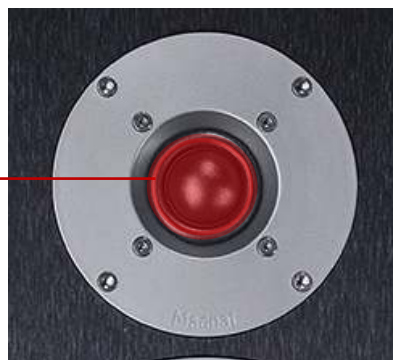
**“POINTED CONICAL DOME”**  
INCREASES STABILITY OF  
WHOLE CONE FOR MORE  
PRECISE BASS REPRODUCTION AND  
OPTIMIZE RESPONSE AT MIDRANGE  
FREQUENCIES.



# MONITOR S 80 ATM

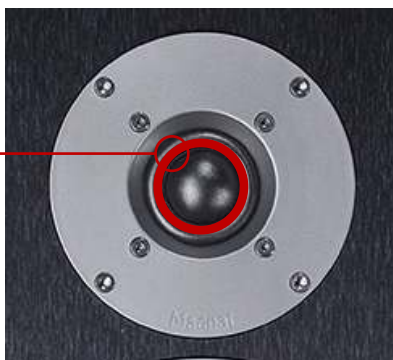
## NEW TECHNICAL HIGHLIGHTS OF THE SERIES

**“28 MM RING RADIATOR TWEETER DOME”**  
LARGER 28 MM EFFECTIVE MEMBRAN SURFACE  
CREATES MORE SOUND ENERGY AT CROSSOVER  
POINT.



**RED = MOVING AREA**

AT VERY HIGH FREQUENCIES ONLY OUTER RING  
AREA IS MOVING = REDUCED MOVING MASS



# MONITOR S 80 ATM

FROM HI-FI TO DOLBY ATMOS IN PERFECTION



BASS REFLEX CONSTRUCTION:  
AIRFLEX PORTS WITH FLARED  
REFLEX OPENINGS



TERMINAL WITH GOLD-PLATED  
AND CAPSULATED SCREW  
CONNECTORS.  
ADDITIONAL CONNECTION  
TERMINAL FOR DOLBY ATMOS



TIMELESS BLACK OR A ELEGANT  
WALNUT DECOR WITH  
RESONANCE ABSORBING FEET



# MONITOR S 14 C – THE CENTER SPEAKER FOR AMBITIOUS HOME THEATER

## 5 DRIVERS FOR MAXIMUM SOUND EXPERIENCE



TERMINAL WITH GOLD-PLATED  
AND CAPSULATED SCREW  
CONNECTORS



DOUBLE BASS AND BASS-MIDRANGE  
WITH STURDY, COATED METAL BASKETS



NEWLY DEVELOPED  
28 MM TWEETER WITH FABRIC  
COMPOSITE DOME



# MONITOR S 10 D

## NOT ONLY A DIPOLE SPEAKER

Many different uses. The wide and three-dimensional acoustics make this loudspeaker perfect for:

- Side and Rear channels for home cinema configurations
- 2.0 or 2.1 Stereo systems with an outstanding wide sound stage
- Ideal for wall mounting in bars, restaurants, shops, etc.



# MONITOR S 10 D

THE SPEAKER FOR ROOM FILLING SOUND



ULTRALIGHT AND EXTREMELY  
SOLID MYLAR DOME TWEETER



DIPOLE SPEAKER WITH THREE  
13 MM TWEETERS FOR PERFECT  
SURROUND SOUND IN HOME  
CINEMAS



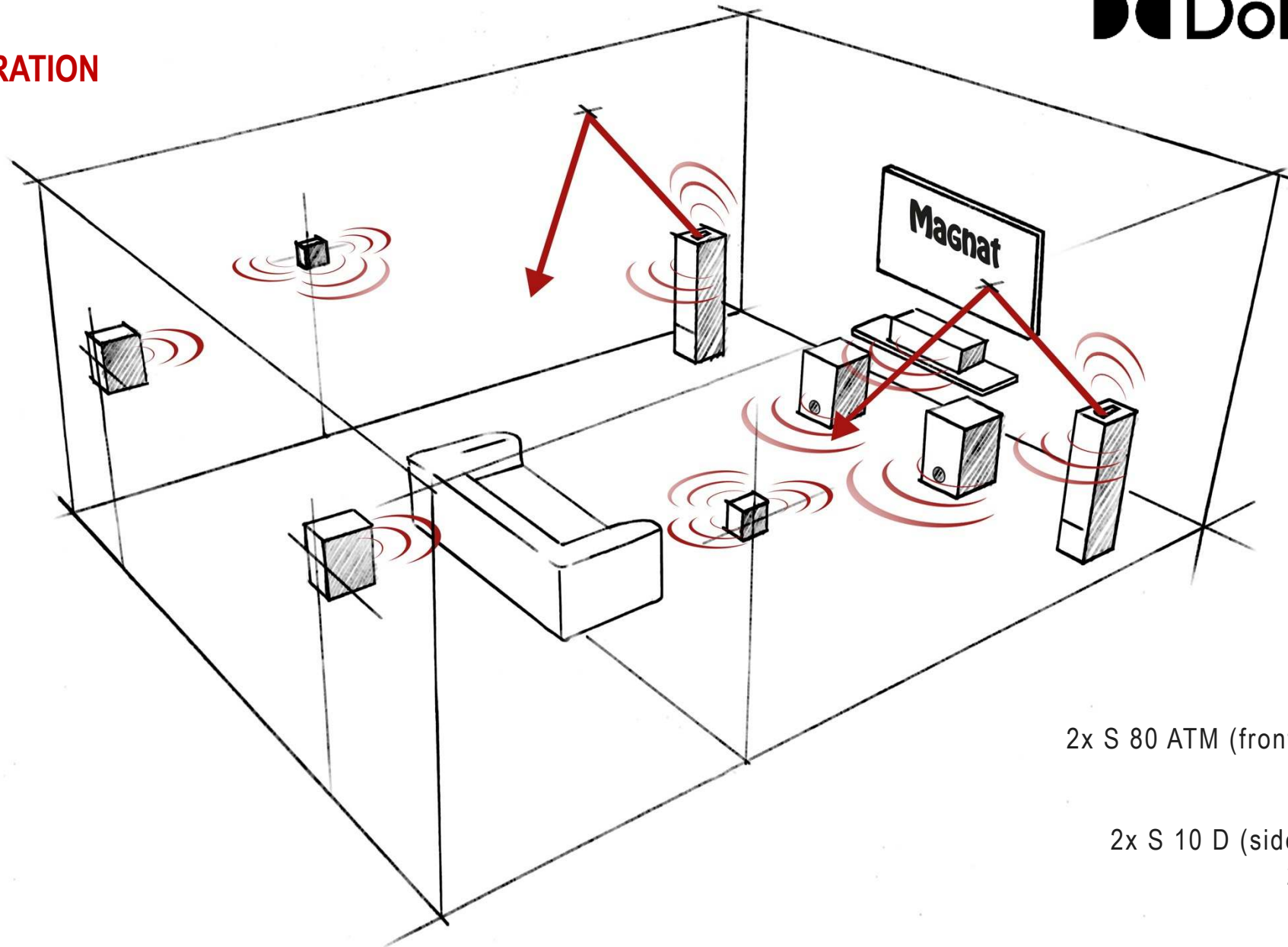
CONNECTION TERMINAL  
WITH WALL MOUNTING DEVICE



# EXAMPLE

## 7.2.2 CONFIGURATION

**Dolby Atmos**



2x S 80 ATM (front and high channel speaker)  
1x S 14 C (center speaker)  
2x S 30 (rear speaker)  
2x S 10 D (side channel / di-pole speaker)  
2x Alpha RS 12 (subwoofer)

# THE PERFECT COMBINATION FOR HOME CINEMA

WE RECOMMEND OUR MAGNAT ALPHA RS 8 AND  
RS 12 SUBWOOFERS TO MATCH THE MONITOR S LINE

ALPHA RS 8

ALPHA RS 12



# MONITOR S LINE



## MONITOR S 80 ATM

**PRINCIPLE**  
2 ½ -way bass reflex,  
floorstanding speaker with dolby atmos module

**DRIVERS**  
2 x 6.5" woofer-midrange  
1 x 1.1" dome-tweeter  
1 x 4.5" coaxial speaker

**POWER HANDLING**  
Main speaker: 160/300 W  
Dolby Atmos speaker: 40/80 W

**IMPEDANCE**  
Main speaker: 4 Ohms  
Dolby Atmos speaker: 4 Ohms

**FREQUENCY RANGE**  
Main speaker: 26 – 38.000 Hz  
Dolby Atmos speaker: 60 – 28.000 Hz

**CROSSOVER FREQUENCIES**  
Main speaker: 500 Hz, 3.000 Hz  
Dolby Atmos speaker: 7.000 Hz

**RECOMMEND AMPLIFIER OUTPUT**  
Main speaker: 30 – 300 W  
Dolby Atmos speaker: 15 – 80 W

**SENSITIVITY (2.8V/1M)**  
Main speaker: 90 dB  
Dolby Atmos speaker: 87 dB

**CABINET SURFACE**  
Black  
Walnut

**DIMENSIONS (WXHxD)**  
215 x 860 x 270 mm

**WEIGHT**  
13.4 kg

**ART.NO. / EAN**  
Black: D144806 / 4018843448060  
Walnut: D144807 / 4018843448077

## MONITOR S 70

**PRINCIPLE**  
3-way bass reflex,  
floorstanding speaker

**DRIVERS**  
2 x 6.5" woofer  
1 x 6.5" midrange  
1 x 1.1" dome-tweeter

**POWER HANDLING (RMS/MAX.)**  
190/380 W

**IMPEDANCE**  
4 – 8 Ohm

**FREQUENCY RANGE**  
19 – 38.000 Hz

**CROSSOVER FREQUENCIES**  
400 Hz, 2.900 Hz

**RECOMMENDED AMPLIFIER OUTPUT**  
30 – 380 W

**SENSITIVITY (2.8V/1M)**  
91 dB

**CABINET SURFACE**  
Black  
Walnut

**DIMENSIONS (WXHxD)**  
215 x 960 x 310 mm

**WEIGHT**  
15 kg

**ART.NO. / EAN**  
Black: D144804 / 4018843448046  
Walnut: D144805 / 4018843448053

# MONITOR S LINE



## MONITOR S 14 C

|                                                                                        |                                                                                           |
|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>PRINCIPLE</b><br>2 ½ -way bass reflex, center speaker                               | <b>RECOMMENDED AMPLIFIER OUTPUT</b><br>30 – 200 W                                         |
| <b>DRIVERS</b><br>2 x 4.5" woofer<br>2 x 4.5" woofer-midrange<br>1 x 1.1" dome tweeter | <b>SENSITIVITY (2.8V/1M)</b><br>90 dB                                                     |
| <b>POWER HANDLING (RMS/MAX.)</b><br>100/200 W                                          | <b>CABINET SURFACE</b><br>Black<br>Walnut                                                 |
| <b>IMPEDANCE</b><br>4 – 8 Ohm                                                          | <b>DIMENSIONS (WXHxD)</b><br>700 x 150 x 190 mm                                           |
| <b>FREQUENCY RANGE</b><br>38 – 38.000 Hz                                               | <b>WEIGHT</b><br>7 kg                                                                     |
| <b>CROSSOVER FREQUENCIES</b><br>500 Hz, 2.700 Hz                                       | <b>ART.NO. / EAN</b><br>Black: D144810 / 4018843448107<br>Walnut: D144811 / 4018843448114 |

## MONITOR S 12 C

|                                                                   |                                                                                           |
|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>PRINCIPLE</b><br>2 -way bass reflex, center speaker            | <b>RECOMMENDED AMPLIFIER OUTPUT</b><br>20 – 150 W                                         |
| <b>DRIVERS</b><br>2 x 4.5" woofer-midrange<br>1 x ½" dome-tweeter | <b>SENSITIVITY (2.8V/1M)</b><br>89 dB                                                     |
| <b>POWER HANDLING (RMS/MAX.)</b><br>75/150 W                      | <b>CABINET SURFACE</b><br>Black<br>Walnut                                                 |
| <b>IMPEDANCE</b><br>4 – 8 Ohm                                     | <b>DIMENSIONS (WXHxD)</b><br>420 x 148 x 190 mm                                           |
| <b>FREQUENCY RANGE</b><br>40 – 32.000 Hz                          | <b>WEIGHT</b><br>3.9 kg                                                                   |
| <b>CROSSOVER FREQUENCIES</b><br>3.400 Hz                          | <b>ART.NO. / EAN</b><br>Black: D144808 / 4018843448084<br>Walnut: D144809 / 4018843448091 |

# MONITOR S LINE



## MONITOR S 30

|                                                                     |                                                                                             |
|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>PRINCIPLE</b><br>2-way bass reflex                               | <b>RECOMMENDED AMPLIFIER OUTPUT</b><br>30 – 200 W                                           |
| <b>DRIVERS</b><br>1 x 6,5" woofer-midrange<br>1 x 1.1" dome tweeter | <b>SENSITIVITY (2.8V/1M)</b><br>90 dB                                                       |
| <b>POWER HANDLING (RMS/MAX.)</b><br>100/200 W                       | <b>CABINET SURFACE</b><br>Black<br>Walnut                                                   |
| <b>IMPEDANCE</b><br>4 – 8 Ohm                                       | <b>DIMENSIONS (WXHxD)</b><br>215 x 354 x 270 mm                                             |
| <b>FREQUENCY RANGE</b><br>34 – 38.000 Hz                            | <b>WEIGHT</b><br>5.8 kg                                                                     |
| <b>CROSSOVER FREQUENCIES</b><br>2.900 Hz                            | <b>ART.NO. / EAN</b><br>Black: D144802P / 4018843448022<br>Walnut: D144803P / 4018843448039 |

## MONITOR S 10 D

|                                                                     |                                                                                             |
|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>PRINCIPLE</b><br>2-way (di-pole), bookshelf and on-wall speaker  | <b>RECOMMENDED AMPLIFIER OUTPUT</b><br>20 – 120 W                                           |
| <b>DRIVERS</b><br>1 x 4.5" woofer-midrange<br>3 x 1/2" dome-tweeter | <b>SENSITIVITY (2.8V/1M)</b><br>88 dB                                                       |
| <b>POWER HANDLING (RMS/MAX.)</b><br>60/120 W                        | <b>CABINET SURFACE</b><br>Black<br>Walnut                                                   |
| <b>IMPEDANCE</b><br>4 – 8 Ohm                                       | <b>DIMENSIONS (WXHxD)</b><br>149 x 250 x 130 mm                                             |
| <b>FREQUENCY RANGE</b><br>42 – 32.000 Hz                            | <b>WEIGHT</b><br>2.2 kg                                                                     |
| <b>CROSSOVER FREQUENCIES</b><br>3.400 Hz                            | <b>ART.NO. / EAN</b><br>Black: D144814P / 4018843448145<br>Walnut: D144815P / 4018843448152 |

## MONITOR S 10 B

|                                                                 |                                                                                             |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>PRINCIPLE</b><br>2-way                                       | <b>RECOMMENDED AMPLIFIER OUTPUT</b><br>20 – 120 W                                           |
| <b>DRIVERS</b><br>1 x 4.5" woofer-midrange<br>1/2" dome tweeter | <b>SENSITIVITY (2.8V/1M)</b><br>88 dB                                                       |
| <b>POWER HANDLING (RMS/MAX.)</b><br>60/120 W                    | <b>CABINET SURFACE</b><br>Black<br>Walnut                                                   |
| <b>IMPEDANCE</b><br>4 – 8 Ohm                                   | <b>DIMENSIONS (WXHxD)</b><br>149 x 250 x 190 mm                                             |
| <b>FREQUENCY RANGE</b><br>42 – 32.000 Hz                        | <b>WEIGHT</b><br>2.5 kg                                                                     |
| <b>CROSSOVER FREQUENCIES</b><br>3.400 Hz                        | <b>ART.NO. / EAN</b><br>Black: D144800P / 4018843448008<br>Walnut: D144801P / 4018843144801 |