

Magnat

Monitor Reference



POWERED BLUETOOTH® STEREO LOUDSPEAKER SERIES
WITH PHONO INPUT AND HDMI®



ACTIVE SPEAKERS WITH A TIMELESS APPEARANCE
AND HIGH-TECH CONFIGURATION



- Numerous connection options for flexible and versatile use for smartphone via Bluetooth®, record player, TV via, HDMI® etc.
- HDMI® with ARC and CEC function (Speakers can be controlled via TV remote control)
- Bluetooth® input (version 5.0) supports the aptX® high-end audio standard for high-quality playback from mobile devices
- High-quality phono preamplifier for direct connection of a record player with MM magnet system
- Integrated high-performance amplifier module, no additional amplifier is required
- Powerful class D amplifier module with up to 2 x 60 watts RMS power (MONITOR REFERENCE 5A)



EASY TO USE: PLUG & PLAY AND EVERYTHING WITHOUT FURTHER ELECTRONICS

Good speakers are a must when it comes to high-quality music reproduction. But what if these speakers also incorporate the necessary electronics, such as our Magnat Monitor Reference series? They not only make listening to music a real pleasure, but also ensure easy and intuitive operation. Instead of having an unmanageable range of technology to hand, all you need to do is switch on your TV, smartphone or tablet and away you go.

All signals are transmitted in a straightforward manner from a TV set to speakers via the HDMI audio return channel (ARC), with the same applying to everything connected to the television. Regardless of whether you're using a set-top box or games console, as soon as the respective input is selected on the TV set, films, series and games are reproduced with a full-ranging sound. And thanks to CEC, i.e. control via the HDMI port, you can easily control the volume using your TV's remote control.



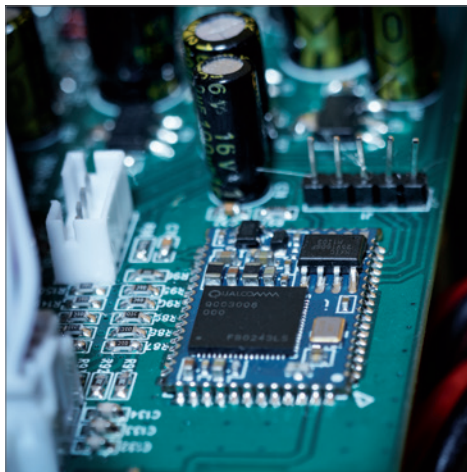


VINYL AND MORE - THE MONITOR REFERENCE SPEAKERS ARE EQUIPPED FOR ANYTHING



ONE PRINCIPLE - THREE SIZES

If we have made the decision extremely easy for you so far, you now need to choose between three different formats. The Magnat Monitor Reference 2A comes in a handy shelf format. The Reference 3A is another compact, yet even more powerful model, and the 5A offers the desirable mix of materials in a full-blown floorstanding speaker.



PREMIUM TECHNOLOGY ON BOARD

Fully active stereo speakers such as the Monitor Reference now offer everything you need with regard to inputs, which is far more than just a few years ago. Whether you're gaming, watching YouTube or listening to any streaming service - you can enjoy the right sound in optimum quality in no time at all, because Bluetooth® (version 5.0) is on board complete with aptx® Low Latency.



COMPACT AND POWERFUL

The amplifier, which is integrated in one speaker, works with the low-distortion and extremely efficient Class D technology to deliver - depending on the model selected - between 25 and 60 watts of continuous power (RMS) and between 75 and 120 watts of peak power - naturally per channel. High-quality crossovers ensure an optimum balance between the individual chassis.

DRIVERS

- 25 mm fmax tweeter with soundguide for optimised dispersion properties and powerful ferrite drive for excellent dynamics
- FE-Dynamics woofer and woofer-midrange driver with low partial oscillation, coated paper cone and distortion optimized magnet system

CABINET

- Very solid low-resonance construction made of E1 MDF panels
- Elegant design with a high-quality black hairline finish
- Detachable front cover with acoustic cloth
- Airflex ports with rounded reflex openings for reduced flow noise
- Resonance-damping rubber feet

AMPLIFIER & CONNECTIONS

- Bluetooth® input (version 5.0) with aptX Low Latency
- HDMI® with ARC and CEC function (Speakers can be controlled via TV remote control)
- Analogue stereo input (Cinch R/L) with switchable phono preamplifier for direct connection of a record player with magnet system (MM)
- Additional 3.5 mm analogue stereo input for connecting portable audio devices
- Optical digital input for direct connection of digital audio devices (e. g. TV)
- Sampling rates of all digital inputs up to 24Bit/192kHz
- LED status indicator at the speaker front
- Control for volume and input selection at the rear panel of the right loudspeaker
- Complete control is ensured via the supplied remote control (incl. battery)
- Low standby power consumption (<0.5 watts) with auto standby function
- The left passive speaker is connected to the right active speaker via a supplied cable

CROSSOVER

- Amplitude- and phase-optimised crossover with high-quality components
- High-quality terminal with solid gold-plated and capsulated screw connectors



MONITOR REFERENCE 5A

2.5-way bass reflex, active

DRIVERS

1 x 6.5" woofer
1 x 6.5" woofer-midrange
1 x 1" dome-tweeter

POWER HANDLING (RMS/MAX)

Active

POWER OUTPUT (RMS/MAX)

2 x 60 / 2 x 120 watts

IMPEDANCE

Active

FREQUENCY RESPONSE

28 – 40.000 Hz

CROSSOVER FREQUENCY

3.200 Hz

MAINS VOLTAGE

100 – 240 V

OPERATING FREQUENCY

2402 – 2480 MHz

MAXIMUM EMITTED POWER

(EN 62479)

2,41 dBm

CABINET SURFACE

Front: Matt black
Cabinet: Black textured veneer

DIMENSIONS (WxHxD)

205 x 908 x 282 mm

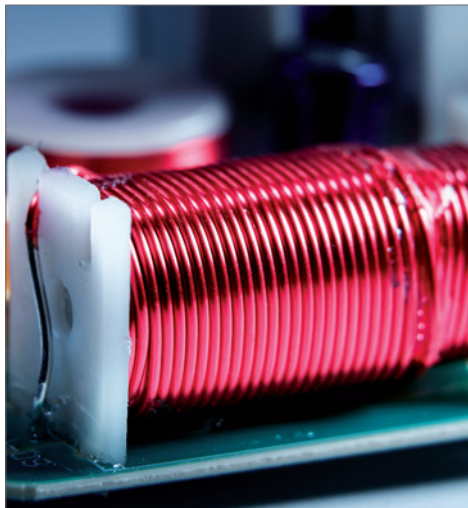
WEIGHT

Active speaker: 14.7 kg
Passive speaker: 13.8 kg

ART.NO. /EAN

172 750 / 40 18843 72750 9

RRP
799 €





MONITOR REFERENCE 3A

2-way bass reflex, active

DRIVERS

1 x 6.5" woofer- midrange
1 x 1" dome-tweeter

POWER HANDLING (RMS/MAX)

Active

POWER OUTPUT (RMS/MAX)

2 x 40 / 2 x 80 watts

IMPEDANCE

Active

FREQUENCY RESPONSE

34 – 40.000 Hz

CROSSOVER FREQUENCY

3.300 Hz

MAINS VOLTAGE

100 – 240 V

OPERATING FREQUENCY

2402 – 2480 MHz

MAXIMUM EMITTED POWER

(EN 62479)

2,41 dBm

CABINET SURFACE

Front: Matt black
Cabinet: Black textured veneer

DIMENSIONS (WxHxD)

205 x 335 x 252 mm

WEIGHT

Active speaker: 6.4 kg
Passive speaker: 58 kg

ART.NO. /EAN

172 730 / 40 18843 72730 1

RRP
499 €



MONITOR REFERENCE 2A

2-way bass reflex, active

DRIVERS

1 x 5" woofer- midrange
1 x 1" dome-tweeter

POWER HANDLING (RMS/MAX)

Active

POWER OUTPUT (RMS/MAX)

2 x 35 / 2 x 75 watts

IMPEDANCE

Active

FREQUENCY RESPONSE

38 – 40.000 Hz

CROSSOVER FREQUENCY

3.500 Hz

MAINS VOLTAGE

100 – 240 V

OPERATING FREQUENCY

2402 – 2480 MHz

MAXIMUM EMITTED POWER

(EN 62479)

2,41 dBm

CABINET SURFACE

Front: Matt black
Cabinet: Black textured veneer

DIMENSIONS (WxHxD)

175 x 290 x 205 mm

WEIGHT

Active speaker: 4.4 kg
Passive speaker: 3.8 kg

ART.NO. /EAN

172 720 / 40 18843 72720 2

RRP
399 €



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