



THE SOUNDMAKERS

POLAR

**PUT YOUR SOUND IN
POLE POSITION >**

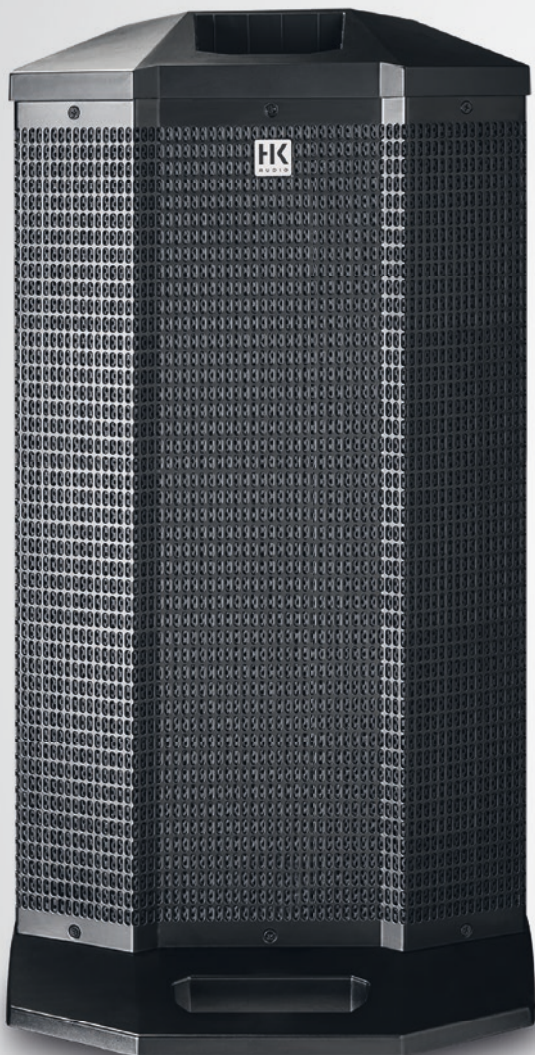


POLAR

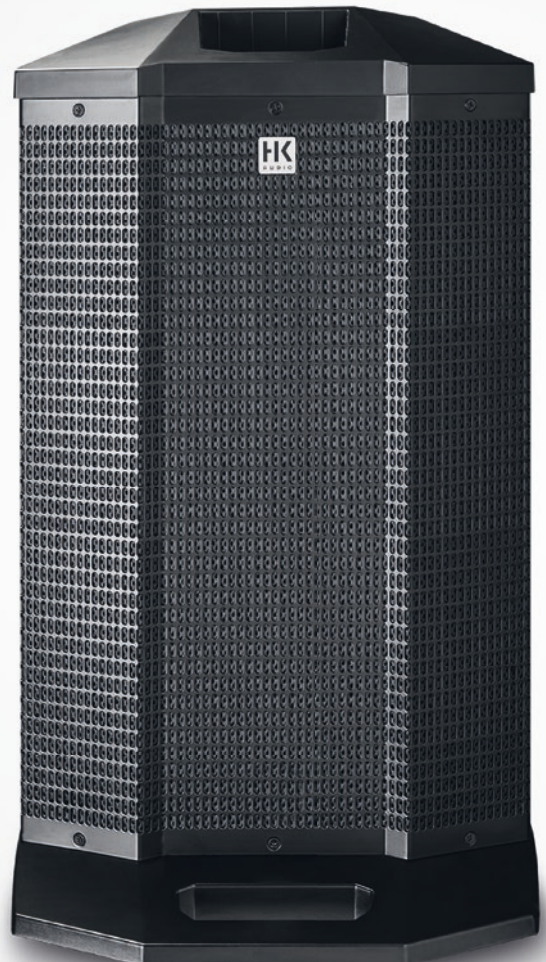
PUT YOUR SOUND IN POLE POSITION >

POLAR 10 and POLAR 12, HK Audio's new columnar systems, are an all-in-one sound reinforcement solution tailor-made for discerning musicians, DJs, entertainers, business speakers, schools and churches.

POLAR punches well above its weight, particularly when compared with rival offers in its class: the system packs a mighty punch, serving up big, bold sound that ranges deep into bass territory, and its impressive feature set boasts – among other things – a four-channel mixer and Bluetooth 5.0.



POLAR 12 subwoofer

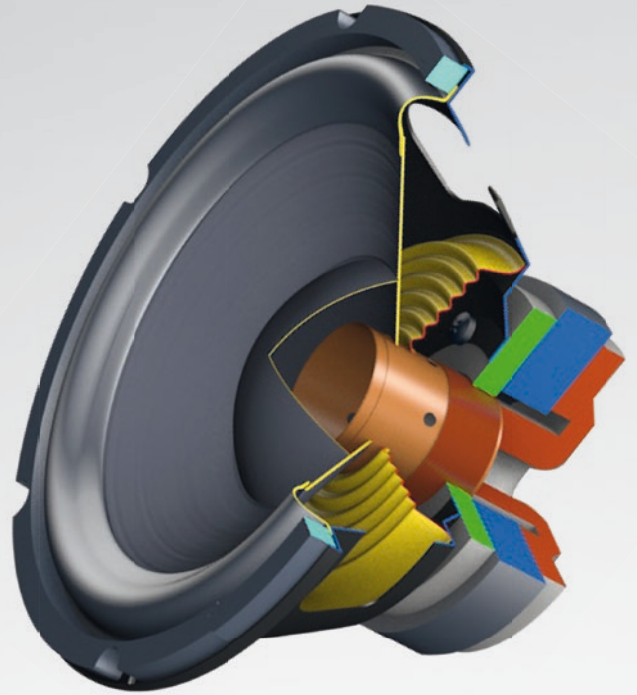
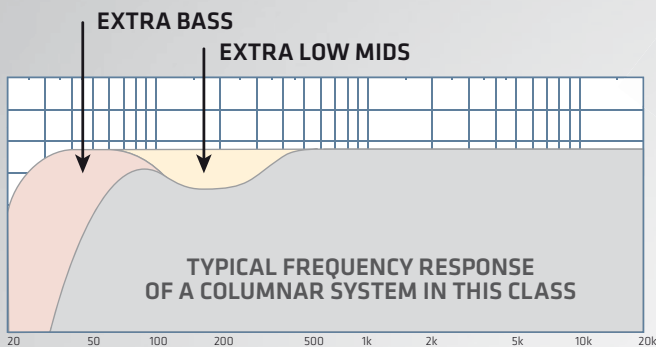


POLAR 10 subwoofer



AN XXL AUDIO EXPERIENCE

The 24-bit DSP, paired with premium speakers, delivers exceptionally transparent, natural sound across the entire frequency range, from thumping lows to shimmering highs. A generously appointed 2,000-watt power amp drives the 1" CD horn, high-performance midrange drivers and a specially developed, long-throw bass woofer housed in an acoustically engineered wood cabinet. This combination serves up an XXL audio experience in every scenario. Anything goes, from sedate background music to accompany dinner to romping, stomping sound for the spirited high point of the event.



SWEET SOUND ALL AROUND

With its expansive 120° throw pattern and remarkable feedback resistance, POLAR goes wherever you want it, be that on stage or in the room. In many cases, you can do without a stage monitor altogether. POLAR can also be easily set up on raised stages and the like, simply by removing the lower column element – which is a spacer – to keep its directivity aligned with your audience. Loud on the dance floor, assertive in the front rows and conversation-friendly at the back of the room, POLAR's sound pressure gradually tapers to treat everyone in the room to a satisfying sonic experience.

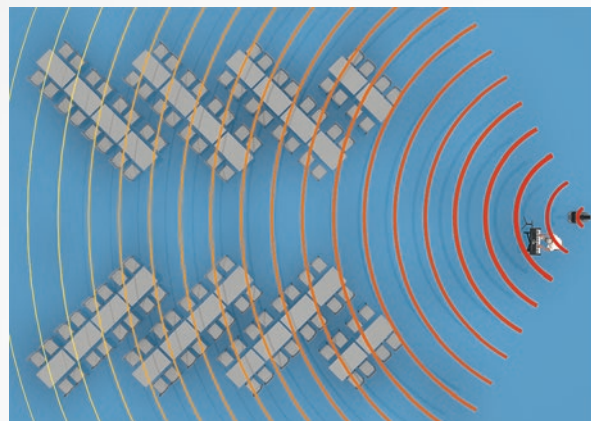


Fig. A

Fig. A: Positioning POLAR in any venue is incredibly simple due to the system's wide angle of sound dispersion, its homogeneous volume distribution, and its excellent resistance to feedback.

Fig. B: When POLAR is placed on the floor, the subwoofer, the spacer and the mid/high unit provide the ideal vertical orientation for a standing and/or sitting audience. When set up on a raised stage, the optimum height is achieved by removing the spacer.

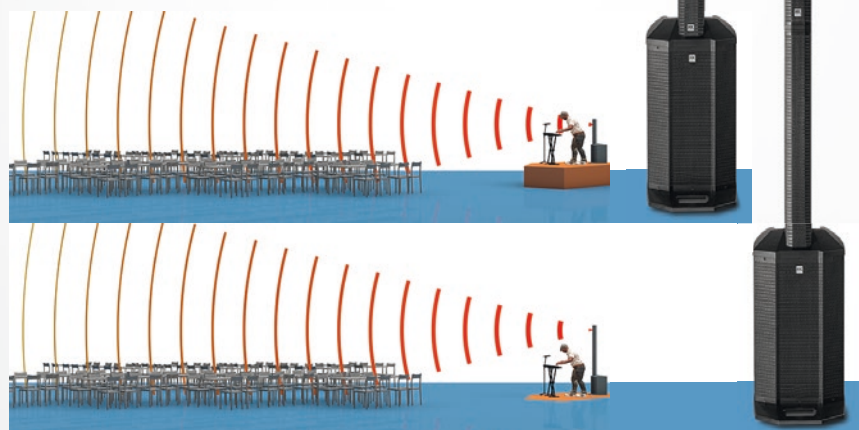


Fig. B

5 CUSTOMER
PROGRAMMABLE
MASTER PRESETS

BUILT-IN FOUR-CHANNEL MIXER

The built-in four-channel mixer provides plenty of connections for many applications – two channels for microphone or line signals, a special instrument channel, for an acoustic guitar or similar, and an Aux channel for pre-recorded music.

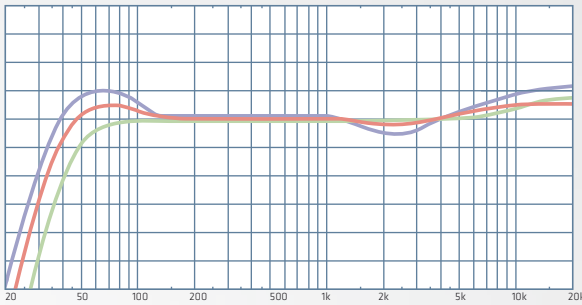
POLAR also renders audio streams wirelessly via Bluetooth 5.0, which has four times the range of earlier versions.



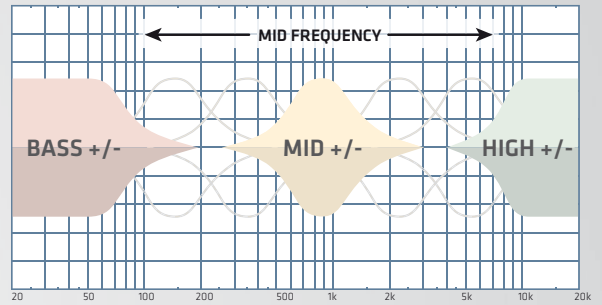
Three sound modes (Music, Voice, and DJ) and the semiparametric master EQ allow users to simply and effectively adjust POLAR's sound. In addition, up to five sound settings can be stored as User Presets, which can be recalled when needed.

SOUND MODES

■ MUSIC ■ VOICE ■ DJ



SEMIPARAMETRIC EQ



For events in extremely large rooms or outdoors, POLAR can be conveniently used as a delay speaker. Using the integrated display, users can set the distance from the main PA to the POLAR system, and the DSP automatically calculates the appropriate delay time.



The volume controls for the four channels, the master volume and the subwoofer are directly accessible in all operating situations. Settings that are required less frequently, such as the semiparametric master EQ, are accessed via a rotary push-button and the easily readable display.

The newly-developed E.A.S. Connect System connects POLAR's three main components comfortably, safely and without wobbling; cables are not required.



WHO NEEDS WHICH SYSTEM?

POLAR 10 delivers everything users expect from a column sound system. It even outperforms many 12" systems in its price range. That makes POLAR 10 the right choice for singer/songwriters, solo entertainers, presenters and applications in schools and churches.

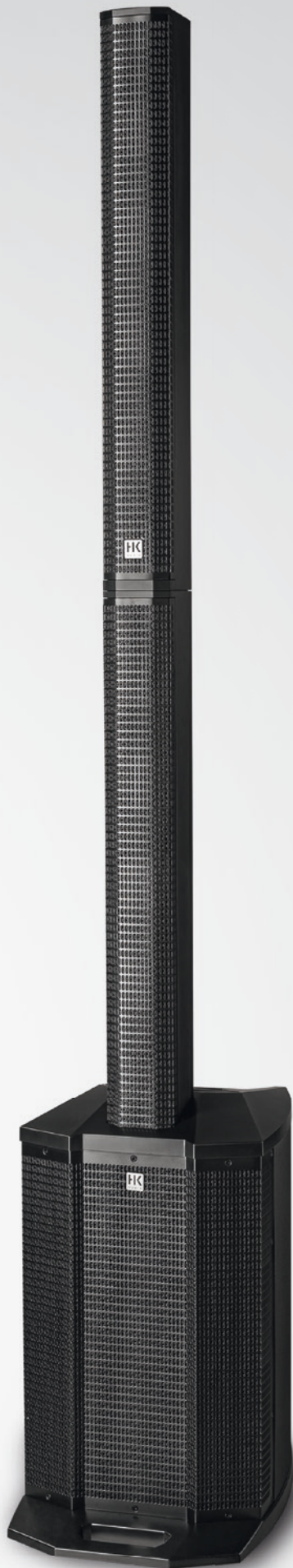
Featuring a larger cabinet and a 12" woofer, POLAR 12 delivers the extra helping of low end that bass enthusiasts love so much. This makes it an excellent choice for DJs who have to pump out

a big bass sound throughout the gig. But POLAR 12 also delivers persuasive performance in live situations with drums.

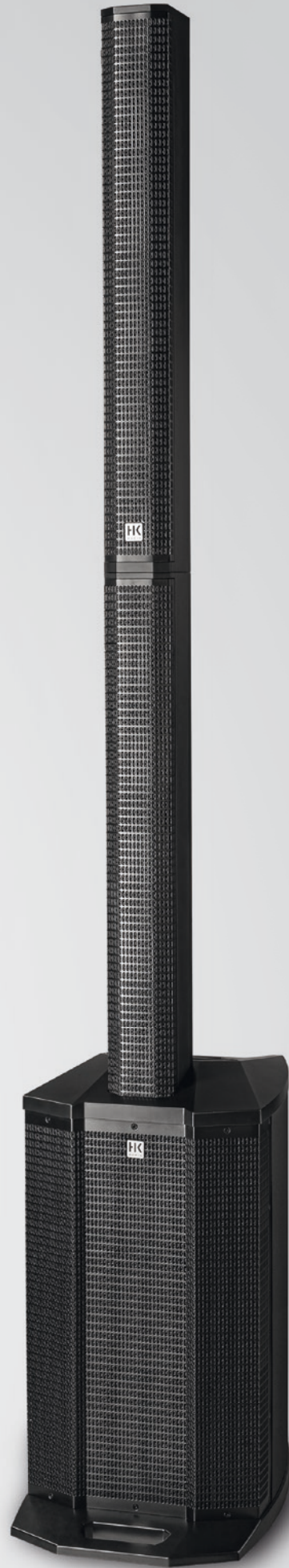
The 12" woofer and 2.5" voice coil can handle a heavier thermal load to deliver higher sound pressure and headroom even when levels spike.

Comparison chart	POLAR 10	POLAR 12
Max. SPL Peak	126 dB	127 dB
Frequency response +/- 10 dB	38 Hz - 20 kHz	35 Hz - 20 kHz
Height	213 cm	218 cm
Weight	26,9 kg	28,5 kg





POLAR 10



POLAR 12

TECHNICAL DATA

	POLAR 10 System	POLAR 12 System
Max. SPL peak	126 dB	127 dB
Frequency range +/- 10 dB	38 - 20 kHz	35 - 20 kHz
Power amp output	2.000 W	2.000 W
Bluetooth	5.0	5.0
Housing	Birch plywood / ABS	Birch plywood / ABS
Mixer	2 x Mic/Line, 1 x Instrument, 1 x Aux/Bluetooth	2 x Mic/Line, 1 x Instrument, 1 x Aux/Bluetooth
Height	213 cm	218 cm
Weight	26,9 kg	28,5 kg

	POLAR 10 Subwoofer	POLAR 12 Subwoofer
Bass woofer	1 x 10", 2" voice coil	1 x 10", 2" voice coil
Dimension (W x H x D)	36,6 x 62,5 x 54,1 cm	36,6 x 62,5 x 54,1 cm
Weight	21 kg	22,6 kg

	POLAR 10 Mid / High-Unit	POLAR 12 Mid / High-Unit
Mid speaker	6 x 3", 3/4" voice coil, neodymium	6 x 3", 3/4" voice coil, neodymium
HF driver	1 x 1", 1" voice coil	1 x 1", 1" voice coil
Horn directivity	120° x 30°	120° x 30°
Dimensions (W x H x D)	10,8 x 82,5 x 9,8 cm	10,8 x 82,5 x 9,8 cm
Weight	3,9 kg	3,9 kg

	POLAR 10 Spacer	POLAR 12 Spacer
Dimensions (W x H x D)	10,8 x 82,5 x 9,8 cm	10,8 x 82,5 x 9,8 cm
Weight	2 kg	2 kg

POLAR 10 comes complete with a padded gig bag for the two columnar elements and a padded protective cover for the subwoofer.



Naturally, you can use two POLAR systems to configure a stereo setup.

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