

Instruction manual

K1-20REG K1-60
K1-30 K1-90
K1-45 K1-120

PASSIVE SPEAKER SYSTEMS

Powder coating with colors according to RAL possible



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Directional
speakers

Noble design

High range

ENGLISH



DOC-190619

GENERAL INFORMATION

The newly developed K1 series directional sound column systems are equipped with a combination of neodymium high-frequency horn chassis (HF frequency range) and specially spaced 2" broadband chassis.

These professional loudspeaker systems are specially designed for sound transmission in acoustically demanding rooms with long reverberation times, e.g. cathedrals, churches, congress halls as well as for all rooms with unfavorable acoustic conditions.

Specially and specifically directed sound radiation in the vertical plane causes a higher directivity and a wider frequency response.

The newly developed speaker systems are characterized by a natural and balanced sound quality. Excellent speech intelligibility and even volume are further advantages of these column speakers.

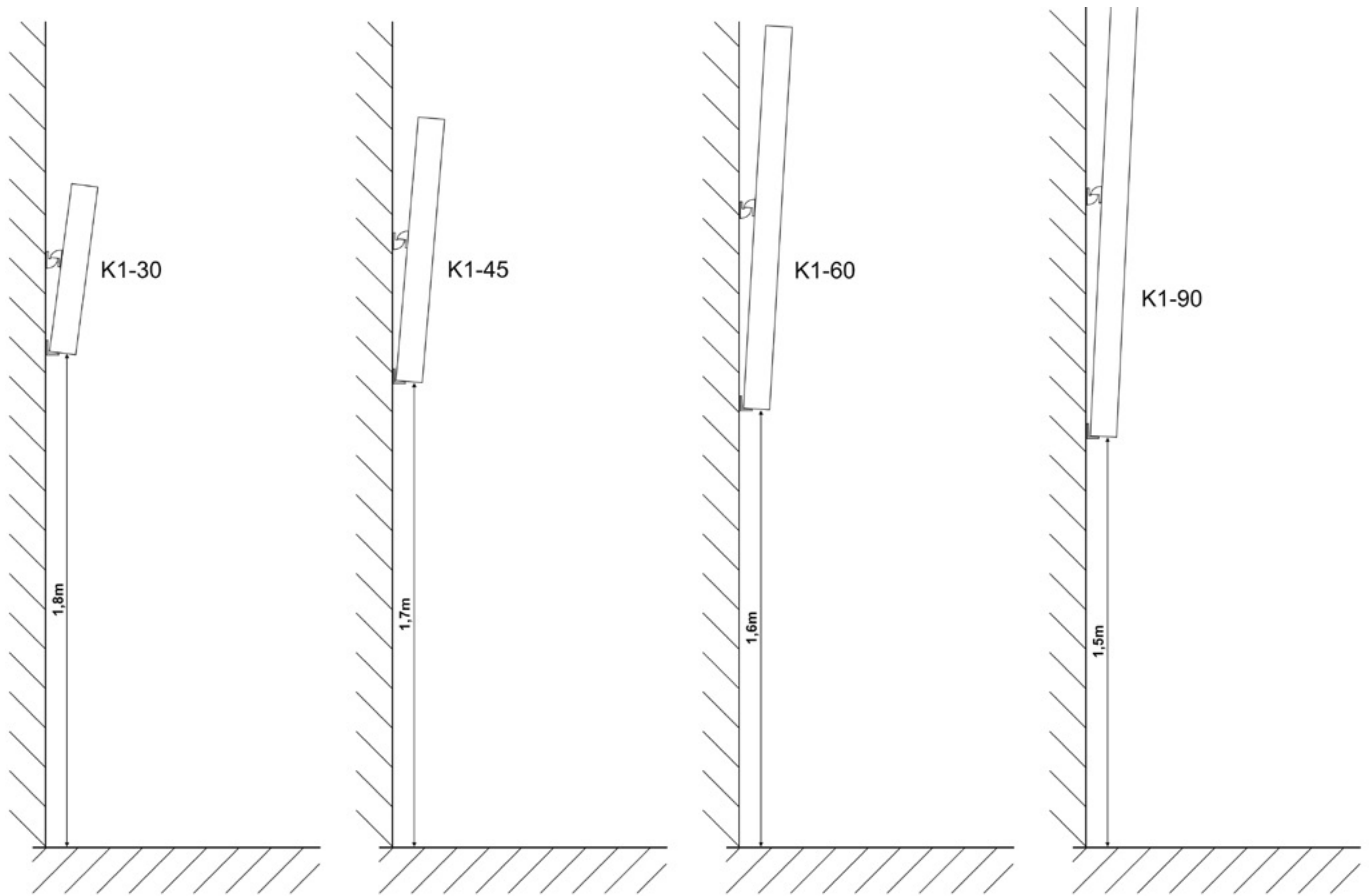
In combination with Phoenix subwoofers (e.g., DAS-1000A), the K1 sound columns also provide excellent music transmission.



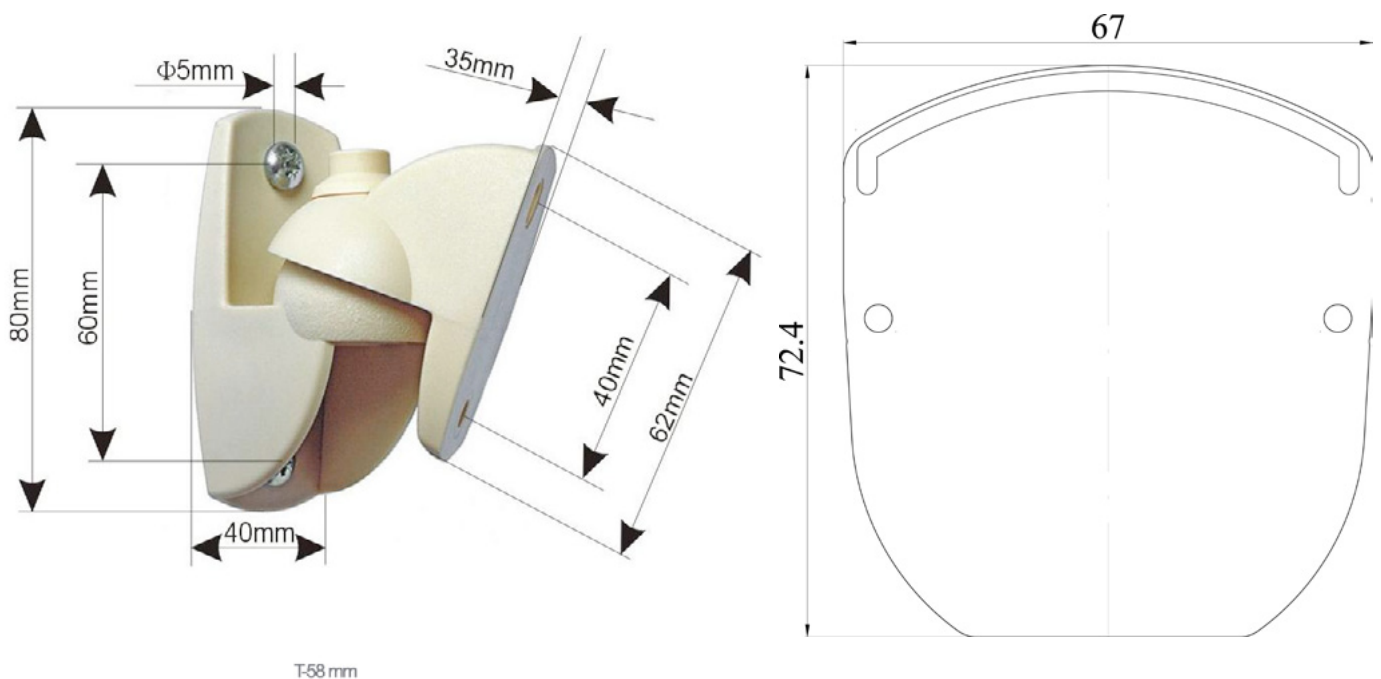
TECHNICAL DATA

Model:	K1-20REG (with volume control)	K1-30
Rated power@ 1/1:	20 Watt	30 Watt
1/2:	10 Watt	15 Watt
1/3:	5 Watt	7.5 Watt
Impedance@ 1/1:	500 Ohm	333 Ohm
1/2:	1 KOhm	666 Ohm
1/3:	2 KOhm	1.33 KOhm
Input voltage:	100 V	100 V
Range@SPL/92 dB (PINK NOISE):	5 Mtr.	8 Mtr.
Range@SPL/95 dB (PINK NOISE):	3 Mtr.	5 Mtr.
Frequency response (+/-3 dB)[Hz]:	200 Hz - 20.000 Hz	185 Hz - 20.000 Hz
On board:	4 x 2" LF/MF	6 x 2" LF/MF-1 HF Neodymium
Dimensions (HxWxD):	345 x 67 x 73 [mm]	600 x 67 x 73 [mm]
Weight:	2.0 kg	2.8 kg
Model:	K1-45	K1-60
Rated power@ 1/1:	45 Watt	60 Watt
1/2:	22.5 Watt	30 Watt
1/3:	11.25 Watt	15 Watt
Impedance@ 1/1:	222 Ohm	160 Ohm
1/2:	444 Ohm	333 Ohm
1/3:	888 Ohm	666 Ohm
Input voltage:	100 V	100 V
Range@SPL/92 dB (PINK NOISE):	10 Mtr.	12 Mtr.
Range@SPL/95 dB (PINK NOISE):	8 Mtr.	10 Mtr.
Frequency response (+/-3 dB)[Hz]:	180 Hz - 20.000 Hz	175 Hz - 20.000 Hz
On board:	9 x 2" LF/MF+2 HF Neodymium	12 x 2" LF/MF+2 HF Neodymium
Dimensions (HxWxD):	800 x 67 x 73 [mm]	1100 x 67 x 73 [mm]
Weight:	3.7 kg	4.7 kg
Model:	K1-90	K1-120
Rated power@ 1/1:	90 Watt	120 Watt
1/2:	45 Watt	60 Watt
1/3:	22.5 Watt	30 Watt
Impedance@ 1/1:	111 Ohm	83 Ohm
1/2:	222 Ohm	166 Ohm
1/3:	444 Ohm	333 Ohm
Input voltage:	100 V	100 V
Range@SPL/92 dB (PINK NOISE):	15 Mtr.	18 Mtr.
Range@SPL/95 dB (PINK NOISE):	12 Mtr.	15 Mtr.
Frequency response (+/-3 dB)[Hz]:	165 Hz-20.000 Hz	155 Hz- 20.000 Hz
On board:	16 x 2" LF/MF+3 HF Neodymium	20 x 2" LF/MF+4 HF Neodymium
Dimensions (HxWxD):	1600 x 67 x 73 [mm]	1760 x 67 x 73 [mm]
Weight:	7.0 kg	9.5 kg

RECOMMENDED MOUNTING OF THE LOUDSPEAKERS

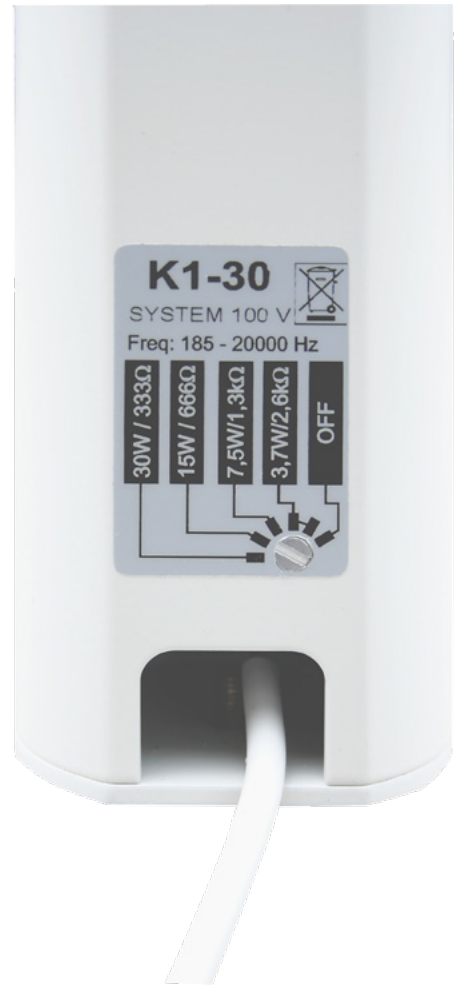


TECHNICAL DATA



T58 mm

PRODUCT PICTURES



NOTES

Disclaimer

The author points out that the representations, explanations, calculations and the same contained in the directive are merely exemplary in nature. They reflect the current state of knowledge and the current legal situation, but make no claim to completeness. In view of the complexity of construction projects, the development of individual solutions relevant to the respective project is indispensable. Any liability for the descriptions, applications, indications and transmissions of the guideline or individual details or parts of it shall be hereby expressly excluded.

Important notes

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