



K3.3 type loudspeakers are the latest achievement of the Rduch company. They were specially constructed for the sound systems of churches and various public buildings. These are full-range loudspeakers with exceptionally high efficiency. The K3.3 series of loudspeakers has been designed to provide significantly increased directivity of sound emission.

K3.3 loudspeakers provide:

- aesthetic appearance
- homogeneous transmission of natural sound throughout the room
- high efficiency
- up-down handle
- version: 100V (power regulation)
- housing made of aluminum
- covered with weather-resistant paint
- colors available according to the RAL palette

Technical data		K3,3-30		K3,3-45		K3,3-70		K3,3-90		K3,3-120		K3,3-140	
1/1 power	Impedance	30W	333Ω	45W	222Ω	70W	142Ω	90W	111Ω	120W	83Ω	140W	71Ω
1/2 power	Impedance	15W	666Ω	22,5W	444Ω	35W	285Ω	45W	222Ω	60W	166Ω	70W	142Ω
1/4 power	Impedance	7,5W	1,33kΩ	11,25W	888Ω	17,5W	571Ω	22,5W	444Ω	30W	333Ω	35W	285Ω
1/8 power	Impedance	3,75W	2,66kΩ	5,625W	1,77kΩ	8,75W	1,14kΩ	11,25W	888Ω	15W	666Ω	17,5W	571Ω
Number of full range													

Technical data	K3,3-30	K3,3-45	K3,3-70	K3,3-90	K3,3-120	K3,3-140
ferrite speakers (3,3")	3 pcs.	4 pcs.	6 pcs.	9 pcs.	12 pcs.	12 pcs.
Number of neodymium tweeters (1")	-	1 pcs.	2 pcs.	3 pcs.	4 pcs.	4 pcs.
SPL (1W/1m)	91 dB	93 dB	95 dB	96 dB	99 dB	99 dB
SPL max	108 dB	110 dB	114 dB	119 dB	120 dB	120,5 dB
Beam range	4 m	7 m	10 m	13 m	15 m	16 m
Frequency response (+/-3dB)	135 ÷ 18000 Hz	130 ÷ 18000 Hz	125 ÷ 18000 Hz	110 ÷ 18000 Hz	105 ÷ 18000 Hz	105 ÷ 18000 Hz
Input voltage	100 V	100 V	100 V	100 V	100 V	100 V
The height of the suspension of the colum	1,7 m	1,6 - 1,8 m	1,5 - 1,9 m	1,4 m	1,4 m	1,4 m
Column slope	7 cm	7 cm	7 cm	7 cm	7 cm	7 cm
Dimensions height/width/depth [mm]	400/90/95	550/90/95	800/90/95	1100/90/95	1450/90/95	1450/90/95
Weight [kg]	3,2	4,2	5,9	9,5	11,4	11,4