



K3.5 type loudspeakers are the latest achievement of the Rduch company. They were specially constructed for the sound systems in churches and various public buildings. These are full-range loudspeakers with exceptionally high efficiency. The K3.5 series of loudspeakers has been designed to provide significantly increased directivity of sound emission.

K3.5 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		K3.5-30		K3.5-40		K3.5-60		K3.5-80		K3.5-100		K3.5-120	
1/1 power	Impedance	30W	333Ω	40W	250Ω	60W	166Ω	80W	125Ω	100W	111Ω	120W	83Ω
1/2 power	Impedance	15W	666Ω	20W	500Ω	30W	333Ω	40W	250Ω	50W	111Ω	60W	166Ω
1/4 power	Impedance	7,5W	1,33kΩ	10W	1kΩ	15W	666Ω	20W	500Ω	25W	111Ω	30W	333Ω
1/8 power	Impedance	3,75W	2,66kΩ	5W	2kΩ	7,5W	1,33kΩ	10W	1kΩ	12,5W	111Ω	15W	666Ω
Number of full range ferrite speakers (3,3')		3pcs.		4pcs.		6pcs.		8pcs.		9pcs.		12pcs.	
Number of neodymium tweeters		1pcs.		1pcs.		2pcs.		3pcs.		3pcs.		4pcs.	
SPL(1W/1m) [dB]		91		92		94		96		97		102	
SPL(max) [dB]		106		108		111		115		117		125	
Frequency response (+/-3dB)		100 ÷ 18000		90 ÷ 18000		90 ÷ 18000		80 ÷ 18000		80 ÷ 18000		80 ÷ 18000	
Opening angle in the horizontal plane		90° (-6dB, 1kHz ÷ 8kHz)		90° (-6dB, 1kHz÷8kHz)		100° (-6dB, 1kHz÷8kHz)		100° (-6dB, 1kHz÷8kHz)		100° (-6dB, 1kHz÷8kHz)		100° (-6dB, 1kHz÷8kHz)	

Technical data	K3.5-30	K3.5-40	K3.5-60	K3.5-80	K3.5-100	K3.5-120
Opening angle in the vertical plane	40°	35°	25°	20°	15°	15°
Input voltage	100V	100V	100V	100V	100V	100V
Dimensions height/width/depth [mm]	450/95/90	550/95/90	800/95/90	1050/95/90	1200/95/90	1600/95/90
Weight [kg]	2	4,5	8,5	11	13,5	15