

Dekesi D-29366

20W IP Wall-Mounted Speaker with Built-in Amplifier



Key Highlights

- **20W digital amplifier** integrated for direct network audio playback.
- **6.5-inch full-range speaker** suited to announcements, paging and background music.
- **IP network input** RJ45 / 100 Mbps with TCP/IP, UDP and IGMP Multicast.
- **16-bit CD audio** 8kHz–48kHz sampling and 170Hz–15.5kHz ± 3 dB response.
- **Built-in DSP** network volume adjustment and signal processing.
- **Fast startup** less than 1 second, with overload and short-circuit protection.
- **Low standby power** less than 3W for large-scale IP PA deployments.

The Dekesi D-29366 is a 20W IP wall-mounted speaker designed for LAN/WAN public-address systems in schools, offices, hospitals, corridors, shopping centers and other indoor public areas. It integrates an IP audio decoder and power amplifier, receiving audio directly over the network without requiring a separate amplifier for each speaker. Its 6.5-inch full-range driver, DSP processing and network volume control provide a practical solution for centralized paging, announcements and background music.

TECHNICAL SPECIFICATIONS			
Speaker Type	IP wall-mounted speaker, built-in amplifier	Power Output	20W
Speaker Driver	6.5 inch $\times$ 1	Network Interface	RJ45, 100 Mbps
Protocols	TCP/IP, UDP, IGMP Multicast	Audio Format	MP3
Audio Resolution	16-bit CD	Sampling Rate	8kHz–48kHz
Frequency Response	170Hz–15.5kHz ± 3 dB	THD	$\leq 1\%$
S/N Ratio	> 65 dB	Power Consumption	≤ 30 W
Standby Power	< 3 W	Power Supply	DC24V/2A
Protection	Overload, short circuit	Dimensions	269 $\times$ 200 $\times$ 143 mm
Weight	1.50 kg	Color	White