

Bosch PRA-AR616



The new PRA-AR616 router amplifier increases the effectiveness of Bosch Praesensa public address and voice alarm systems (PAVA), opening entirely new application areas. Designed to provide the necessary voice alarm functionality for public address zones at an excellent price-per-zone ratio, it also allows for some background music. This makes it the perfect complement to the two powerful multi-channel amplifiers for performance zones already part of the Praesensa ecosystem. The combination of these amplifier types offers a cost-effective solution for a wide range of applications, from security and everyday public address systems to medium-sized and large-scale projects such as shopping malls and airports.

Praesensa offers two multi-channel performance amplifiers and now also a one-channel router amplifier with relay-switched outputs. Where required, the high demands of performance zones are fully met, while using the router amplifier for zones with essential requirements saves costs. This allows system planners to create the most cost-effective combination of amplifiers for essential zones with existing amplifiers for performance zones.

Driven by safety requirements and the desire to provide flexibility to system designers, the router amplifier has been designed to cover the essential zones as part of a complete Praesensa system. Its single 600W amplifier channel can be shared over relays to route the same audio to 16 loudspeaker outputs. With its built-in spare amplifier channel, the router amplifier ensures maximum system availability, fully meeting EN 54-16 certification requirements. When combined with Praesensa's diverse components such as system controllers, interface modules and amplifier models, the system design can cover the wide-ranging use cases of mid-size projects such as hotels and warehouses.

The IP-based Praesensa public address and voice alarm system from Bosch offers excellent scalability with options like advanced call stations, wall control panels, ambient noise sensor, I/O interface module, and IP-connected amplifiers all in the same ecosystem. This seamless scalability minimizes planning risks for system designers. With the router amplifier system designers can now respond even more precisely to the exact number of zones, their speaker load demand and the required range of functions.

The new router amplifier ensures Praesensa systems can offer maximum efficiency and value for money meeting highest emergency standards while also providing outstanding performance for everyday use. The Bosch PRA-AR616 router amplifier will be available from Q2 2026.

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