

IP-A1PC580R

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IP Ceiling Speaker

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The IP-A1PC580R IP speakers are equipped with a built-in power amplifier and sound source memory.

It can be connected to and used over a local network. It shall be powered by way of PoE (IEEE 802.3af) switching hubs. The speaker shall contain a 20 cm (8") cone-type. The rated output is 8 W with a sensitivity of 9 dB (1 W, 1 m), and an SPL of 106 dB (8 W, 1m). The unit shall have 2 channel Control Input, 1 channel Control Output and 1 channel Audio Output. The speaker is compatible with the following LAN broadcasting modes. Internal sound source broadcasting (up to 20 internal messages 80MB MAX capacity), VMS broadcasting, SIP broadcasting, and Multicast broadcasting mode (Allows up to 20 multicast ports to be set up). The IP-A1PC580R is capable of prioritizing broadcasting modes to override lower priority broadcasting. Since the speaker is equipped with individual offset adjustable volumes for each broadcasting mode. Volume can be normalized or optimized. Broadcasts can be controlled using Remote API or control inputs from connected external equipment. Supports TCP/IP, UDP, HTTP, RTP, RTCP, ARP, ICMP, IGMPv3, NTP, SIP (RFC3261) network protocols. Connected external equipment can be controlled by control outputs in synchronization with speaker broadcasts. The unit shall be  $\varnothing 324 \times 111$  (D) mm (12.76" x 4.37") and it shall weigh 1.8 kg (3.97lbs).

The audio interface shall be TOA model IP-A1PC580R  
Optional Back Can (for UL 2034 certified installation) – HY-BC580U