

Videoconferencing

In videoconferencing applications that require an outboard audio system, the AP800 executes the task with ease and simplicity. The AP800 connects directly to all microphones. One hundred percent digital technology means seamless activation of microphones, reducing reverberation and noise while the echo canceller cancels unwanted audio picked up by the microphones from the speakers. In this example, each microphone input is equipped with a mute button. This button can be programmed to mute a single microphone or all of the microphones on the system. VCR and other audio sources can be routed to and from the AP800 as shown. Audio outputs are delivered to a power amp, then to speakers in the room. Audio from the videoconferencing CODEC, the AP10 digital telephone hybrid and VCR audio can be heard through the speakers.

Connection to the video CODEC's four-wire circuit and an AP10 digital telephone hybrid allows for a simultaneous two

wire/four wire connection (telephone and videoconferencing). Since the AP10 is G-Linked to the AP800, connection to the telephone line and dialing can be accomplished using a custom remote controller. In fact, all audio functions of the Audio Perfect™ system can be controlled from the remote control touch panel.

Need more CODEC connections? Each AP800 can easily accommodate up to four CODEC connections. Need more telephone connections? Simply add more AP10 digital telephone hybrids. Need more microphone channels? Simply add additional AP800 units. No matter how many components you add, the custom remote controller still only needs to make one serial connection.

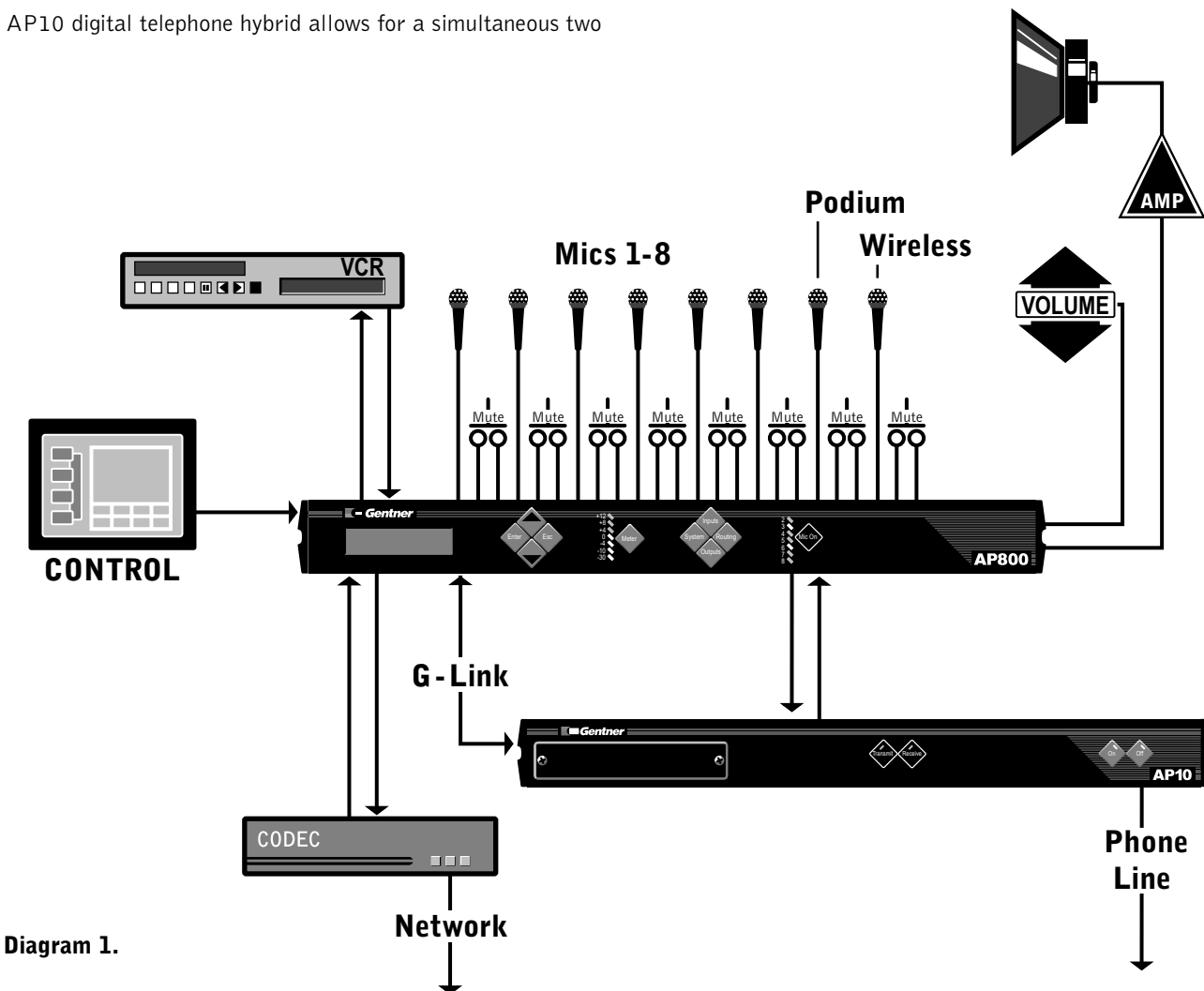


Diagram 1.