



Model PA920 | PowerPro™ Portable PA System



The PowerPro PA920 is Califone's flagship PA system designed for audiences of 1,000 or more. The PA920 is flexible, easy to use and cost-effective for those who require a high-performance sound reinforcement solution but wish to avoid the effort necessary to operate a typical multi-component sound system. Designed for school venues ranging from auditoriums to assemblies, athletic events and other large groups, the PA920 provides wireless transmission to any number of its powered companion speakers, providing expandability to handle virtually any situation.

PA920 Features

- Powerful 90 Watts RMS with weather-resistant speaker cones
- Dual 16-channel UHF selectability for two wireless mics.
- Red display, blue and amber LED lights for each wireless mic receiver for visual confirmation of power, wireless reception and audio signal.
- CD/USB Media Player with integrated USB 2.0 port plays CD, CD-R/RW discs.
- 16-channel UHF transmitter for wireless transmission to companion speakers (companion speakers not included)
- Bluetooth capability for wireless playback from Bluetooth compatible mobile devices.
- Separate volume, bass, treble controls for quality sound
- 2 combo XLR/1/4" mic inputs, each with volume control
- Aux in & Line inputs to connect with other media players.
- Voice Priority
- Master volume and Battery status LED indicators
- Wireless mono/stereo selectable link out
- Two rechargeable batteries 12V/7 AH
- Battery ON/OFF switch
- Switched/un-switched Speaker Out
- True AC/DC 110/220 universal power supply
- Rugged steel skid guards for protection & durability
- 4-position steel handle for easy mobility
- CE/UL compliant for safe use in schools, churches & public facilities
- Includes CD remote control & Master remote with volume and mute.

PA920 OVERVIEW

The PA920 is a complete, self-contained sound system with two built-in wireless mic receivers, a CD/USB Media Player and Bluetooth compatibility that allows wireless connection to Bluetooth-capable mobile devices. It features 90-watts RMS of power, with a single unit easily covering crowds up to 1,000 people or many more with added wireless PowerPro companion speakers.

In addition to the 300' range of wireless transmission to an unlimited number of powered companion speakers, the PowerPro also has an active bus circuit that can be used to connect an additional unit in a conventional wired fashion. Simply connect an XLR cord from the Line out jack to the Line in jack on the companion speakers. The first unit in the chain is the master with each unit still retaining independent volume control.

The PA920 master speaker has two combination XLR / 1/4" jacks for use with wired mics and also includes a set of stereo RCA jacks that are ideal for connecting external audio sources. Its fiberglass-reinforced polypropylene enclosure has a rugged powdercoated perforated steel grille and telescoping handle for easy transporting. The PA920 gives added assurances with visual confirmation of power, radio frequency and audio reception for each of its two wireless receivers through a set of LED lights on each receiver. Its 10" high-powered speaker provides optimal audio reproduction with independent bass and treble controls, digital master volume control and battery status indicators plus a universal power supply. It is C-UL and CE approved for use in schools.

SPECIFICATIONS

Speaker System

Speaker: Bass reflex design tuned to 50 Hz

Woofers: 10" Dia., 2" Dia. Voice coil, 40 ounce magnet most efficient in its class, moisture resistant cone, 120 Watt Capacity.

Horn Tweeter: 4.25" square Compression Horn Driver, 12 Oz. Magnet, 1" diameter Voice Coil, 8 Ohm

Amplifier: 90 Watts RMS

Sound Pressure Level: 94 dB, 1 Watt @ 1 Meter

Power Sources

Batteries: Two rechargeable batteries 12V/7AH

Charging Time: Full charge in 8 -10 hours

Operating Time: 6 hours max power output (normal music on full charge)

Power Supply: 320W Single Output Switching Power Supply with cooling fan

DC Output: 36V/8.8A

AC Input: voltage range 85-264VAC

LED indicators: Led indicators for Battery Status and Master Volume

Power Management: Power control for each component to maximize working on time on battery mode

Power Cord: Detached 6', 3-Wire for safety

Mixer Panel

Mic In #1 and #2 (wired mics): 2 Combo XLR-1/4" phone jacks, with volume control

Speech/Music Switch: Adds emphasis in voice frequency range for longer range projections

Line In: Via dual white & red RCA jacks, 3.5 mm jack with volume level control

Line Out: Via dual white & red RCA jacks, XLR jack

Voice Priority Switch: Mic override of background music (ducking)

Speaker Out: Switched 1/4" jack disengages main speaker, unswitched 1/4" jack divides power between main speaker and passive companion speakers

Speaker Mute: Mutes main speaker and connected speakers (wired speakers only)

Mono/Stereo wireless link: Mixed or Stereo wireless transmission

Audio Controls: Separate Treble & Bass Controls

Digital Master Volume Control: with LED level indicators

Audio Line: Line level capable buss to connect 1 wired unit

Built-in CD Player with USB port

Built-in anti-shock mechanism, CD/MP3 media player with USB port and remote control. File/Disc Compatibility: CD, CD-R, CD-RW, MP3, USB (16Gig)

Wireless System

Receivers: Two 16-channel UHF wireless 904 ~ 925 MHz, internal antenna, on/off volume control, Audio & Radio Frequency receiving LED, 150' reception range from mics. (handheld wireless mic or belt pack transmitter with 2 types of hands-free microphones sold separately)

Receiver Sensitivity: -95 dBm

Transmitter: 16 channel UHF wireless 904 ~ 925 MHz, PLL diversity, 300' range.

Bluetooth: Yes

Master Volume Remote: Volume Up, volume down and mute

Mechanical Features

Rear Panel: Angled for easier accessibility and viewing

Enclosure: Fiberglass reinforced polypropylene

Grille: 1.5mm steel with powder-coated finish

Battery Compartment: Front-accessible with removal of two service screws

Tripod Mount: Recessed, molded at the optimum center of gravity

Dimensions: 22" H x 14" W x 14" D

Weight: Actual 47 lbs, shipping 52 lbs.

Warranty

6 years from date of purchase for amplifier; 1 year on batteries, wireless transmitter/receivers, CD mechanism and Bluetooth receiver.

Compatible PA Products

The PA920 uses the same frequency for its two wireless mics as the rest of the Califone PA Pro line. Additional wireless microphones can be added with wireless **Upgrade Package:** WS-CK1, **Wireless Mic:** Q319, M319, WS-T