Thank you for choosing the M319 Beltpack transmitter. It provides wireless audio transmission to the Califone® PA919SD, PA919, PA919PS PA systems and can be used for indoor and outdoor applications.

We encourage you to visit our website to register your M319 at califone.com/registration for its warranty coverage, and while there sign up for our newsletter and also learn more about the complete line of Califone audio visual products including: Portable and installed wireless PA systems, multi-media players & recorders, headphones and headsets, computer peripheral equipment, visual presentation products and language learning materials.

M319 Package Contents:
(1) M319 16-Channel UHF Transmitter
(1) User Manual

The M319 is compatible with these Califone UHF products.

There are two wireless 900MHz mic receivers on the PA919SD and PA919 (single frequency on the PA919PS). These frequencies are not compatible with any PA916 Series PAs, or the M-316 or Q-316 microphones.

In the US, only the low power (5dBm) setting should be used to comply with FCC Part 15 requirements.

Califone® International Inc.
1145 Arroyo Avenue, P.A. - San Fernando, CA 91340 USA
Toll Free 800.722.0500 | Toll Free Fax 877.402.2248
International Customers: call 818.407.2400 or Fax 818.407.2405

califone.com | califonepro.com
Product Compatibility
The M319 Beltpack Transmitter (and Q319 Microphone) are compatible with the PA919, PA919PS, PA919SD, PA919PS, PA919PS-SD, PA919PS-SD and PA919SD microphones.

Warranty Registration
The warranty for the M319 specifically covers use in schools, churches, and business & industry applications, unlike consumer electronic products. This is critical to help avoid lost class time due to “down” equipment and helps stretch budgets.

Califone warrants the M319 to be free from defective material and workmanship for one year from the purchase date. Our “Project Intercept” Customer Satisfaction program will replace defective parts and repair malfunctioning products under this warranty when the defect occurs under normal use, provided the unit is returned to our factory via prepaid transportation only after the factory issues an RA (Return Authorization) number which must be clearly written on the outside of the shipping box.

All Damage Claims Must Be Made With The Freight Carrier
Notify the freight carrier immediately if you observe any damage the shipping carton or product. Repack the unit in the carton and allow inspection by the carrier’s claim agent. Notify your dealer of the pending freight claim.

Returning your unit for service or repairs
Should your unit require service, contact your dealer or our Customer Service Department directly via email (warranty@califone.com), or by phone at 800-722-0500 / 818-407-2400 to first obtain a Return Authorization (RA) number before sending it back to Califone.

Damage Requiring Service
The M319 should be serviced by qualified service personnel when:
- Objects have fallen on it or liquid has been spilled onto it.
- It has been exposed to rain or moisture.
- It does not appear to be operating normally or exhibits a marked change in performance.

All shipments to Califone must include the RA number clearly marked on the exterior of the shipping carton and must shipped prepaid. RA number clearly marked on the exterior of the shipping carton and must shipped prepaid.

C.O.D. shipments will be refused and returned at your cost.

Servicing
The user should not attempt to service the M319 beyond that described in these operating instructions.

Operating Instructions:
The microphone frequency must first be set to the same frequency as the receiving PA.

1. Open the battery cover and insert a 9V battery (not included) into battery compartment.

2. Adjust the volume knob to minimum.

3. Connect one of the Califone microphones (shown on pages 3 & 4) to the 3.5mm mic input jack. The M319 can accept dynamic or electret microphones.

4. Turn on the M319 power switch. The LCD display will be solid.

5. To change the transmit channel:
   - Make sure the transmit channel is not being used by any other transmitters in the area or adjoining rooms, using the low setting will reduce the occurrence of experiencing any interference.
   - Then use the up/down buttons to change to the desired transmit channel.
   - After about 3 seconds the transmit channel will be set and the channel on the LCD display will be solid.
   - Make sure the transmit channel is not being used by any other transmitters in the area or there could be audible interference. If there is any interference or distortion, try using a different channel.*

6. Set the Califone receiver to the same channel as the transmitter.

7. Turn on the receiver and first adjust its volume level.

8. Then turn the M319 on and adjust its volume level to the desired level.

Power Adjustment (Optional):
1. The power output of the M319 can be adjusted between low (5mW) and high (10mW) power settings, depending on the level of required interference or the range of required transmission (low power up to 40 high power up to 200). When there may be other PA products used in neighboring or other PA products used in neighboring or adjoining rooms, using the low setting will lower the occurrence of experiencing any interference.
2. With the power off, simply change the transmit power by moving the switch to the desired setting.

Specifications
- Carrier Frequencies: 900 – 928 MHz (16 channels)
- Modulation: FM
- Frequency Stability: ±50KHz
- Transmitting Power: 2W (FCC/CSA/EMC)
- Spurious Rejection: 3.3K ± 0.5K
- Volume Control: 0 – 80dB
- Dynamic Range: 60dB
- Distortion: <1% (AF=1 KHz)
- Operating Voltage: 12VDC
- Current: <20mA
- Safety / Compliance Testing: FCC, RoHS
- Battery: Rechargeable Battery
- Operational Temperature: -10°C to 60°C
- Input Jack: 3.5mm

Visit us online at califone.com | califonepro.com

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