



CT-108 - Wireless Infrared Compact Transmitter



The **CT-108 Wireless Infrared Compact Transmitter** is designed to send a pre-programmed alphanumeric message directly to alphanumeric receivers, such as pagers and LED displays. The CT-108 transmitter can also send an activation command to play pre-recorded audio from PA speakers, initiate two-way intercom communication, turn on dome lights or activate other wireless receivers.

The CT-108 can be switched to "System Mode" where its wireless signal is received by a monitoring paging controller, such as the VS4810 or VNS5100. The signal is compared to the programming in the paging controller's database. If a match is found, an automated alert will be generated according to its custom programming.

The CT-108 transmitter offers many unique features that allow for extended customization, such as:

Cancel Message: Activate the built-in magnetic switch by swiping a magnet over the left side of the transmitter.

Low Battery Alert: Automatically send a message to report low battery status to the assigned monitoring receiver.

Supervision: Generate automated periodic alerts to notify the assigned monitoring receiver that the CT-108 is functioning properly and within range (pre-defined intervals of 1 hour to 7 days).

Elevated Alert: Repeat the alert to the monitoring receiver if the original alert has not been reset back to normal (canceled) within the pre-determined time period (pre-defined intervals of 30 seconds to 1 hour).

Alert Repeat: Repeat the alert as long as the device status has not been reset back to normal (1-9 repeats, pre-defined intervals of 1 minute to 1 hour).

This water-resistant compact transmitter can come with an optional bead necklace, belt clip, wrist strap and wall bracket.

Key Features:

- Sends Custom Message Directly to the Receiver(s)
- 300'-1000' Range (Up to 1 Mile with a Repeater)
- Transmission Indicator
- Built-In Supervision Device Monitoring
- Low Battery & Call Repeat Alerts
- Long-life Single Lithium Battery
- Built-In Magnetic Cancel Switch

Options, Accessories and Complementary Products:

| | | | |
|----------|---------------|----------------------|-----------------------|
| WPA-1005 | Bead Necklace | WPA-1013 | Wall Bracket |
| WPA-1011 | Belt Clip | WPA-1025 | Programming USB Cable |
| WPA-1012 | Wrist Strap | WPRP-1/WPRP-2/WPRP-5 | Data Repeater |

Specifications:

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|-----------------------|--------------------------------|------------------|--------------------------------|
| Dimensions | 1.8" x 2.4" x 0.8" (W x H x D) | Call Cancel | Internal Magnetic Switch |
| Weight | 0.1 lbs. | Signalling Time | 2-4 Seconds |
| Power | Single CR2 3V Lithium Battery | Stability | Better than 5 PPM |
| Color | Off-White, Gray Button(s) | Frequency | 400-420 MHz, 450-470 MHz |
| Operating Temperature | 32° - 140°F | Paging Format | POCSAG, 512, 1200 or 2400 BPS |
| Humidity | 0% - 90%, Non-Condensing | Channel Spacing | 12.5 KHz - Narrow Band |
| RF Power | 10 mW | Activation Codes | 3 (Call, Cancel & Low Battery) |
| Programming | PC Based Programming | Limited Warranty | One Year Parts and Labor |

*Specifications Are Subject to Change Without Notification

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