



School Bus Paging System



School Bus Paging system has been designed to improve the safety, security and quality of school bus transportation service provided by public, private schools and transportation companies.

Parents will receive alert on their pagers informing them that school bus is only 2~3 minutes away from their residence and so that they would get ready to pick up their kids.

System consists of one bus transmitter and several parents' pagers, bus transmitter is stationed on school bus dash board while the parent's pager carried by parents at home.

Operation:

Bus driver presses the transmitter's calling button 2~3 minutes away from student's residence, immediately parent's pager starts ringing with both vibration motion and flash light to alert parents that the school bus is nearby and some one has to be ready to pick up the kids / children / student.

Advantages:

- Improving safety & security
- Eliminating road crossing accidents
- Eliminating kidnapping
- Saving time and effort waiting outside, specially in bad weather
- Time saving for bus driver and preventing trip delay

Applications:

- Kinder garden transportation
- School bus transportation
- High school transportation
- Employee transportation
- Airline staff transportation

Technical specifications

Bus transmitter

- Power 12~ 24 V DC, cigarette lighter plug type
- Unlimited TX signal ID to prevent interference between other schools
- Sending page to unlimited number of pagers
- Wireless UHF, Frequency Range: 440MHz
- Three levels output coverage, Low (300m) Medium (600m), High (1000m)
- POCSAG Code, FM modulation, 4.5KHz deviation
- Date Rate: 512BPS, 1200BPS
- Operation temperature: -10c to 60c
- Dimension: 180 x 80 x 40mm



Bus Transmitter

Parent's pagers

- Powered by one LR6 size AA 1.5V battery
- Battery life 2 months
- UHF, frequency Range: 440MHz
- POCSAG Code 4.5KHz deviation
- Date Rate: 512BPS, 1200BPS
- Pagers alert modes beep, flash & vibrate



Parent's Pagers