Fleetwood RF technology advantages

Reliability, Security and Minimal interference are the several major advantages Fleetwood Reply ARS system differs from the rest of ARS manufacturers. With over 2 MILLION pads manufactured, Reply® Wireless Group Response technology has proven to be the choice of audience response, electronic voting, and interactive meeting professionals who require very high levels of performance, flexibility, and reliability in their applications.

RF Technologies:

It allows the system to operate efficiently and effectively in the presence of other RF devices (WLANs, PDAs, phones, etc.). The Integrated error checking process discriminates the system signals from all other RF traffic and ensures complete data accuracy and enhances security.

FHSS :

Fleetwood's patented FHSS (**Frequency-hopping spread spectrum)** is the most advanced method of transmitting radio signals by rapidly switching among many frequency channels . Spread-spectrum signals are highly resistant and are difficult to intercept. It ensures complete data security and allows you to operate in the presence of other wireless device.

Spread-spectrum transmissions can share a frequency band with many types of conventional transmissions with minimal interference thus utilizing the bandwidth more efficiently.

Reliability:

Reply®'s patented two-way communication ensures that all responses transmitted by keypads are positively acknowledged as 'received' by the system controller.

Security:

Integrated error checking discriminates system signals from all other RF traffic to ensure data accuracy and enhance security. Spread-spectrum signals are difficult to intercept. An FHSS signal simply appears as an increase in the background noise to a narrowband receiver. An eavesdropper would only be able to intercept the transmission if they knew the pseudorandom sequence.

Minimal interference:

Frequency hopping delivers high immunity to interference plus signal security to allow the system to operate in the presence of other wireless devices. Reply's Integrated Wi-Fi avoidance feature continuously improves performance in the high density wireless environments.

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