

Application Note

Model Number: C25 I MDC-1200 and APCO P25 Decoder

Description: The C25 I can be used to decode MDC-1200 or P25 calls from the main fire dispatch. An output latches to trigger outside devices like lights, garage door, alert sounders, etc.



The C25 can be assigned a 4-digit HEX ID. This ID is valid for both MDC-1200 and P25 formats. This is perfect for a system that now uses MDC-1200 to page fire stations but will be moving to APCO P25 to page fire stations.

The C25 decodes both MDC-1200 and APCO P25 at the same time.

Being assigned (programmed) with an ID allows the C25 decoder to be individually paged and present a changing output to trigger outside devices.

The C25 will decode →

- APCO P25 Individual Calls
- MDC-1200 Short Call
- MDC-1200 Long Call

These decodes will trigger an output which remains latched until the Clear button is pressed (also available remotely). An internal sounder within the C25 is also activated.

The default output is an open collector (500mA sink). You can also program the C25 to use one of the internal relays to trigger, providing an open or closed contact to your external device.

