

MDC-1200® | GE-STAR® | FleetSync™ | DTMF Multi-Format ANI Decoders



C Plus I



C Plus II



C Plus III

Console/Computer Interface Model

MDC-1200, FleetSync, DTMF and GE-Star

Diagnostic LEDs

Authorize feature for repeater access control

Emergency Acknowledgment

Programmable Serial Output

Printer output

Enable/Disable, Call Alert, Microphone Monitor & Select Call features available

Single Window Display Model

MDC-1200, FleetSync, DTMF and GE-Star

8 large 0.7" high bright LED matrices

Stores last 20 ID's in memory

Emergency Acknowledgment

Unique Man-down and Emergency display

Optional 4000 ID alias table

Enable/Disable, Call Alert, Microphone Monitor & Select Call features available

Multi-Window Display Model

MDC-1200, FleetSync, DTMF and GE-Star

36 character LED display

Shows 5 or more ID's on the front display

Emergency Acknowledgment

Taxi Bid mode

Optional 4000 ID alias table

Enable/Disable, Call Alert, Microphone Monitor & Select Call features available



CIMARRON
TECHNOLOGIES
Always Know Who You're Talking To™

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Multi-Format ANI Decoders/Encoders

Details for all Models:



- DSP control for fast reliable decodes
- Trunked or Conventional system compatible
- Real Time clock for time and date stamp
- Data Mute circuit with N.O. and N.C. contacts
- Programmable RS-232 Serial Output
- "Enunciate" function allows for unique tone sounds when specific ID's are received.
- Taxi bid mode that holds the first received ID in the main display until the display is reset
- Decodes complete MDC-1200 ID set (O-DEEE)
- Decodes complete FleetSync ID (fleet ID's from 100-349 & vehicle ID's from 1000-4999)
- Decodes all known variations of GE-STAR
- 8 Character DTMF decode with status bit at end or beginning
- Customizable Message naming
- Two open collector outputs for external alarms, auto dialers, counters or ...
- Built in loop back tests, data modulation tests and line output tests
- Programming software built into the unit
- 3-year warranty

Optional Features

Firmware

Alias – 4000 ID table allows a 27 alpha-numeric character output and will display up to 8 characters on the *C Plus II* and 27 characters on the *C Plus III*. For example an ID of 1234 could display: JOHN BELL NORTH DIVISION GATE 32

Encode with Ambush* – Compatible with MDC-1200, GE-STAR and FleetSync. Will allow Long and short call alerts, Radio Check, Microphone Monitor, Voice Select Call, Radio Enable and disable, Call cancel and some Status messaging

Authorize – Permits the user to program a list of authorized ID's into a table. The *C Plus* will then only respond to those ID's. The auxiliary outputs can be connected to a repeater or ...

2 or 3 format decode – A standard *C Plus* is user selectable for MDC-1200, GE-STAR, FleetSync or DTMF. With the 2 or 3 format option the *C Plus* can be programmed to decode either 2 or 3 of the listed formats

Tone Remote – 125 mS tone burst of 2175 Hz followed by a function tone

Hardware

19" single or dual rack mount kit

19" multi-channel rack available for up to 10 channels

Programming cable – 6 foot RJ-11 to 9 pin serial cable

Serial buffer for combining multiple serial outputs

Handheld terminal for initiating outbound messages

Specifications

- Data Input: Single ended 30 mv to 12 Vpp; balanced 600 ohms: -30 to +10dBm, Hi Z: -36 to +4dBm
- Data Output: Single ended 600 ohms: to 14Vpp; Balanced 600 ohms: to +10dBm; Hi Z: to +16dBm
- Dimensions:
 - *C Plus I* 8" X 6.25" X 2.5"
 - *C Plus II* 8" X 6.25" X 2.5"
 - *C Plus III* 8" X 6.25" X 4.75"
- Power Requirements – 5 VDC + 5% at 2 amps
 - Unit comes with a 100 to 240 VAC power Supply
 - Optional 12vdc conversion is available
- Sounder – Audible 3400 Hz 80db(A) @ 2'. Programmable
- Removable Screw Terminal strips

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Ambush* allows the *C Plus* to hold the command until the targeted ID is available.



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