

CommandSTAR Lite™



MOTOROLA

CommandSTAR Lite

Console Overview

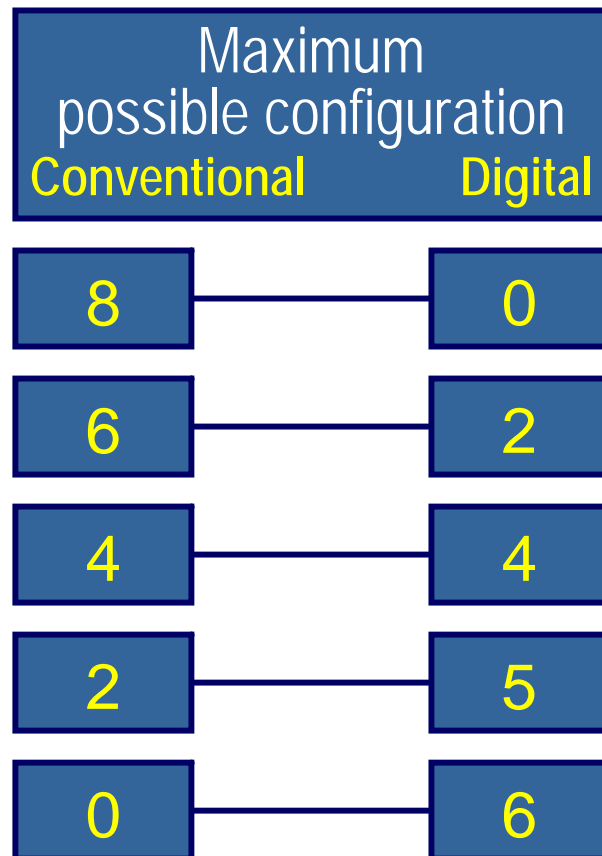
- Modular and self-contained console (no backroom equipment)
- Up to 8 conventional channels: Local, Tone or DC Control
- Up to 6 digital channels: iDEN, MCS-2000, SPECTRA radios
- Direct telephone interconnect (2) with Caller ID
- Parallel Status Updating (on Tone control channel)
- MDC-1200 Signaling and DTMF decode
- Paging: Integrated encoder, one-button paging, alias paging
- Radio/ Phone Patches
- Comprehensive, multi-tasking functionality
- Future development: interface to LTR radios



CommandSTAR Lite

Unique features

- Decoding of MDC-1200 signaling and DTMF on a per channel basis (2x8 char LED display per channel)
- Mixed of both conventional and digital onto the same console



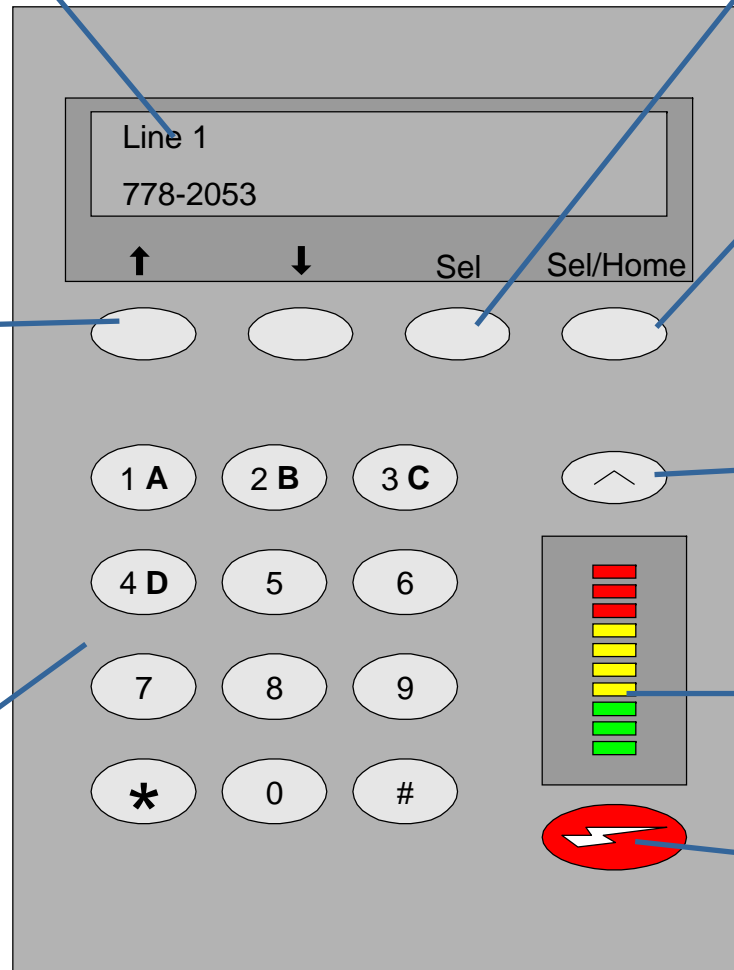
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User Interface: Keypad

2 line x 16 character Display for Phone Caller ID, dialed numbers, paging codes & time/date stamp

Scroll keys used to select from (512) aliases - also used to access programming functions

12 numeric keys for entering paging codes & telephone numbers



Programming key - used for basic programming at console level

Enter Key for confirmation of certain dispatch and programming functions

Shift Key - allowing access to second level of programming

VU Meter

Main PTT Button

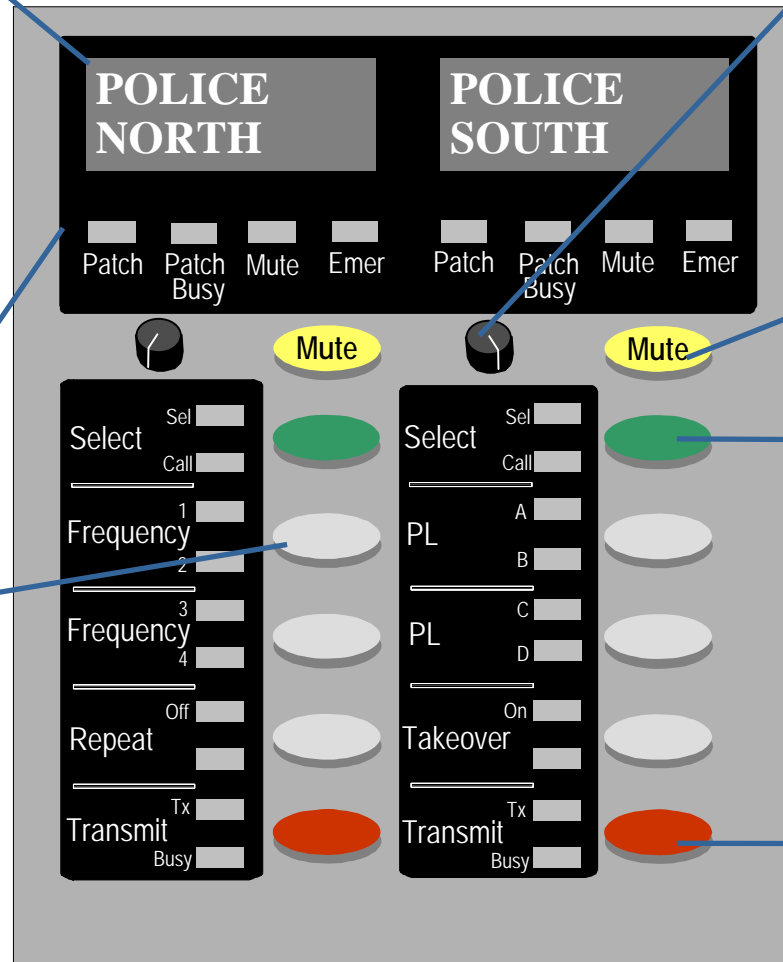
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User Interface: Dual Channel Control Module (DCCM)

2 line by 8 character
LED display for
channel alias and
encoding Stat-Alert
Signaling per
channel

Channel LED status
indicators

- Frequency or PL select
- Coded / Clear
- RCU Takeover
- Wildcard
- Main / Standby or Alternate Station
- Repeat



Per channel
Volume Knob

Mute Key

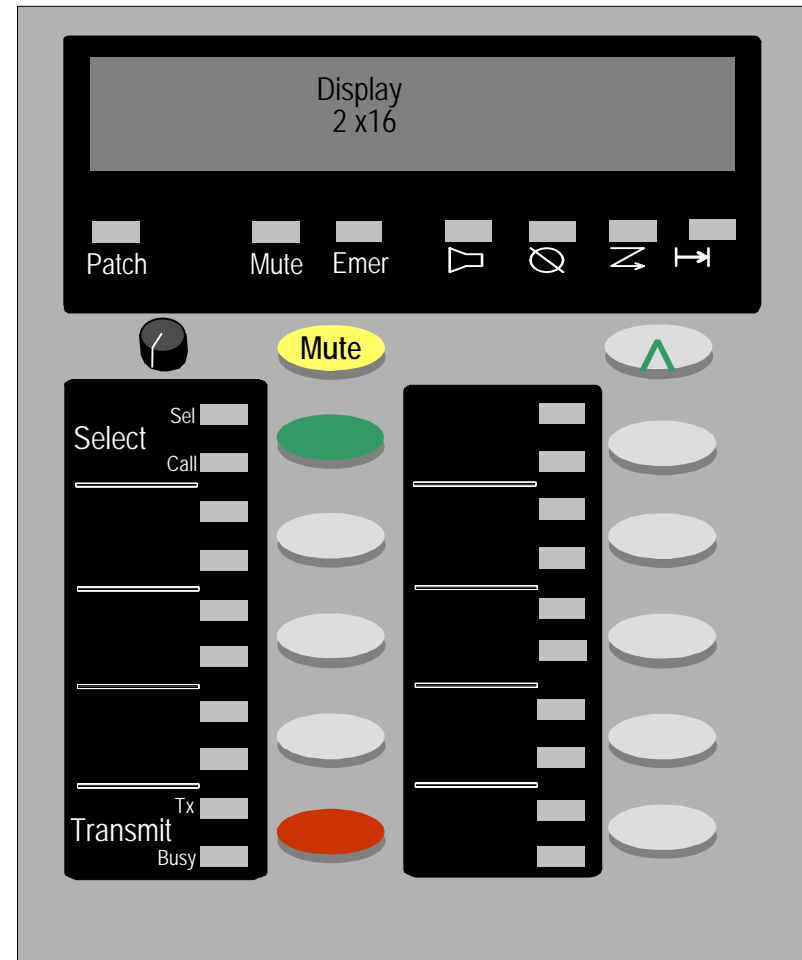
Channel Select
Button

Instant Transmit
Button

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User Interface: Digital Radio Control Module (DRCM)

- The DRCM contains a single two-row display
- For the Digital Astro Consolette radio, the top row of the DRCM display shows the same information that appears on the radio display, and the bottom row indicates whether the radio has received a priority mode.
- For the MCS-2000 and iDEN radios, the two rows on the display correspond to the two rows of the radio displays.



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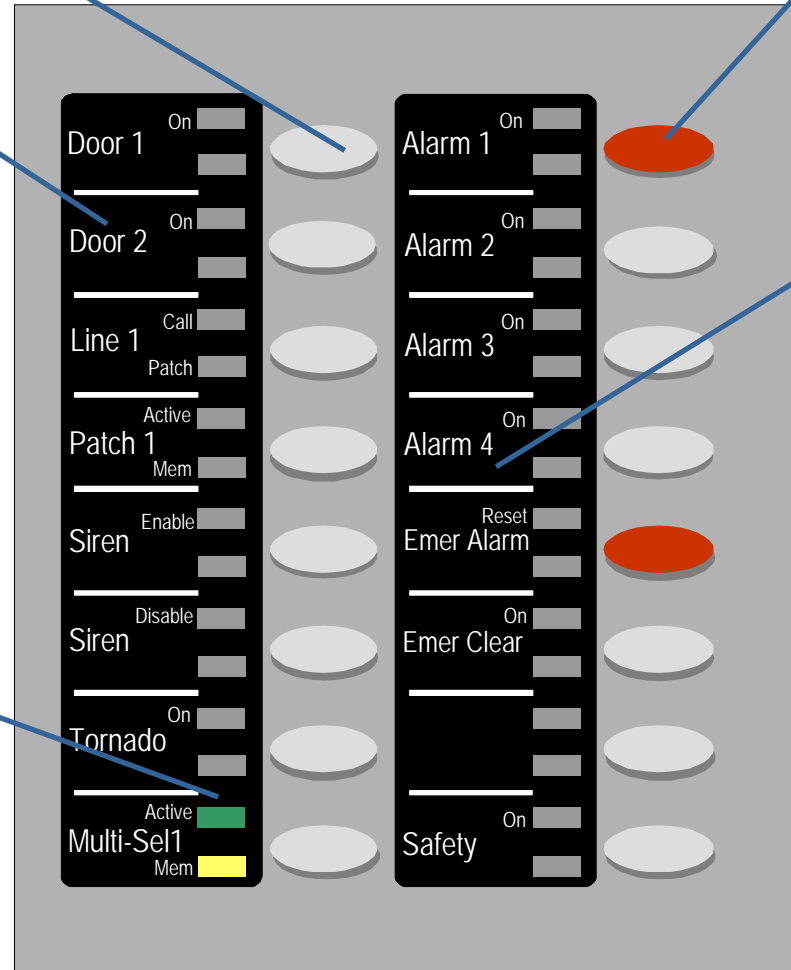
User Interface: Auxiliary Control Module (ACM)

16 programmable buttons per ACM

User-defined labels printed and inserted each time a new function is mapped/programmed

2 LEDs per button to provide status or indicate toggle condition

Removable color coded buttons for customization

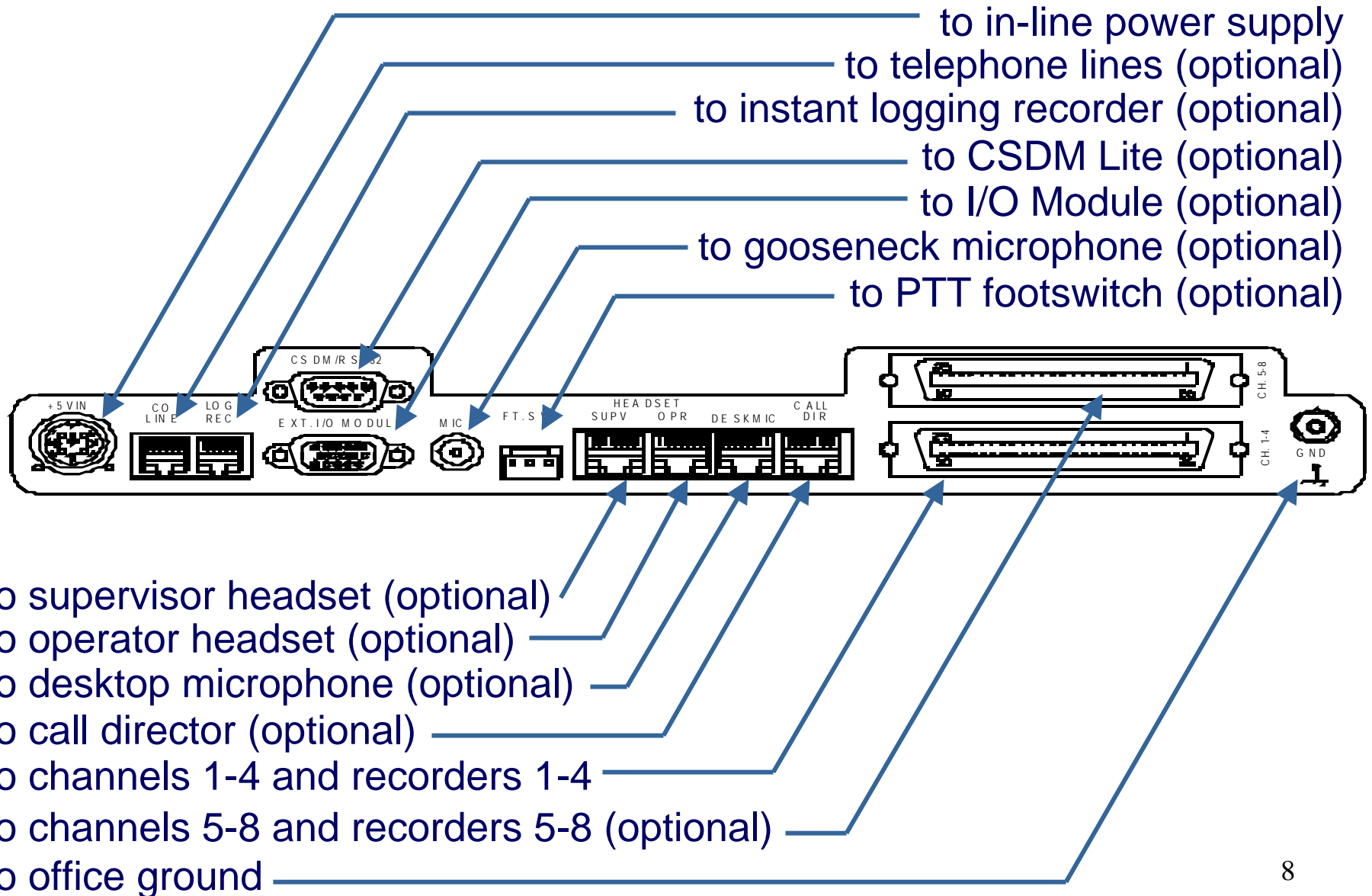


- Patching
- Multi-Select
- Paging
- Telephone controls
- Alert Tones
- Relays
- Stat-Alert Signaling
- Intercom

**Over 30 functions
in all**

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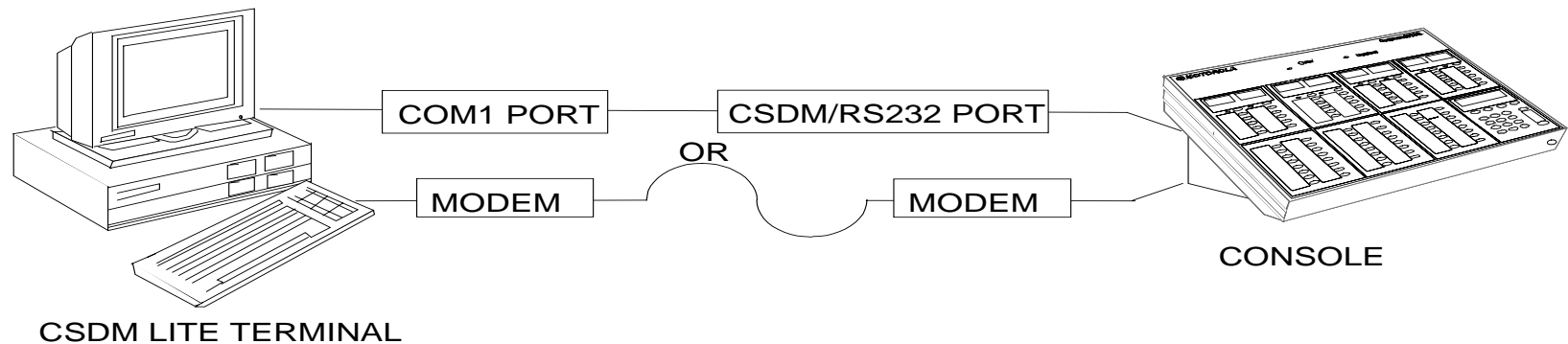
Rear view



CommandSTAR Lite

Console System Database Manager (CSDM)

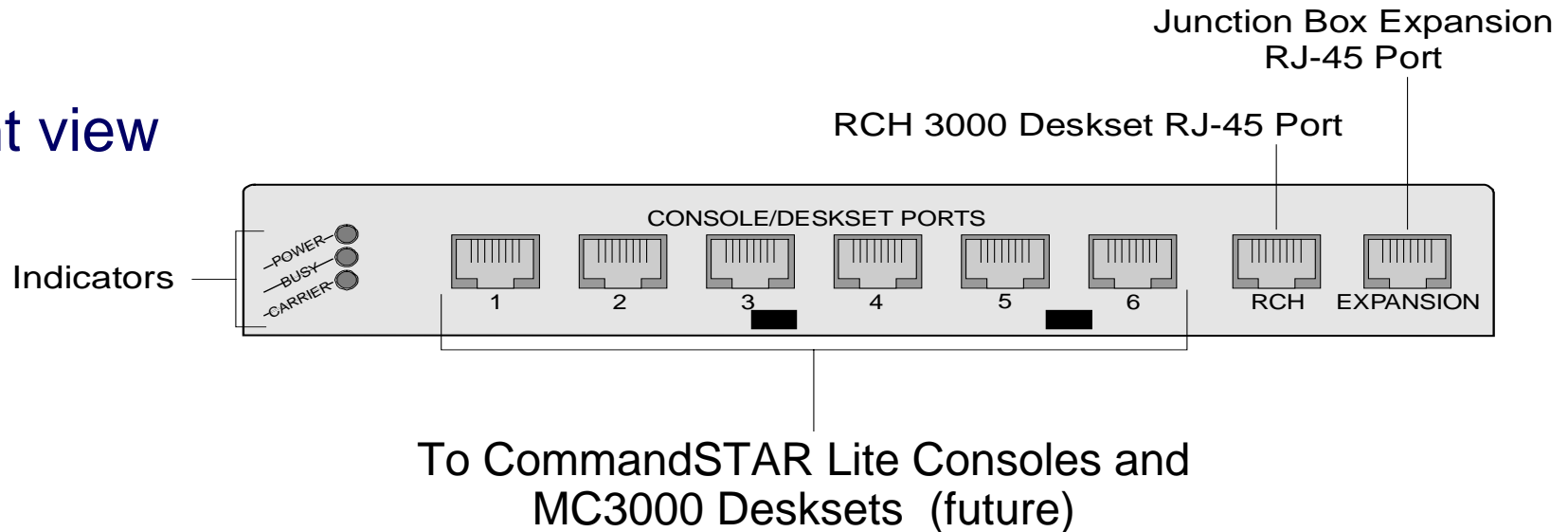
- The CSDM Lite software is a configuration and maintenance tool used to:
 - » reconfigure consoles
 - » log and archive events for analysis
 - » monitor built-in tests for maintenance and reliability
 - » upgrade to a new release of software
 - » remotely access the CommandSTAR Lite system via modem
- The CSDM Lite software runs on an IBM-PC Compatible



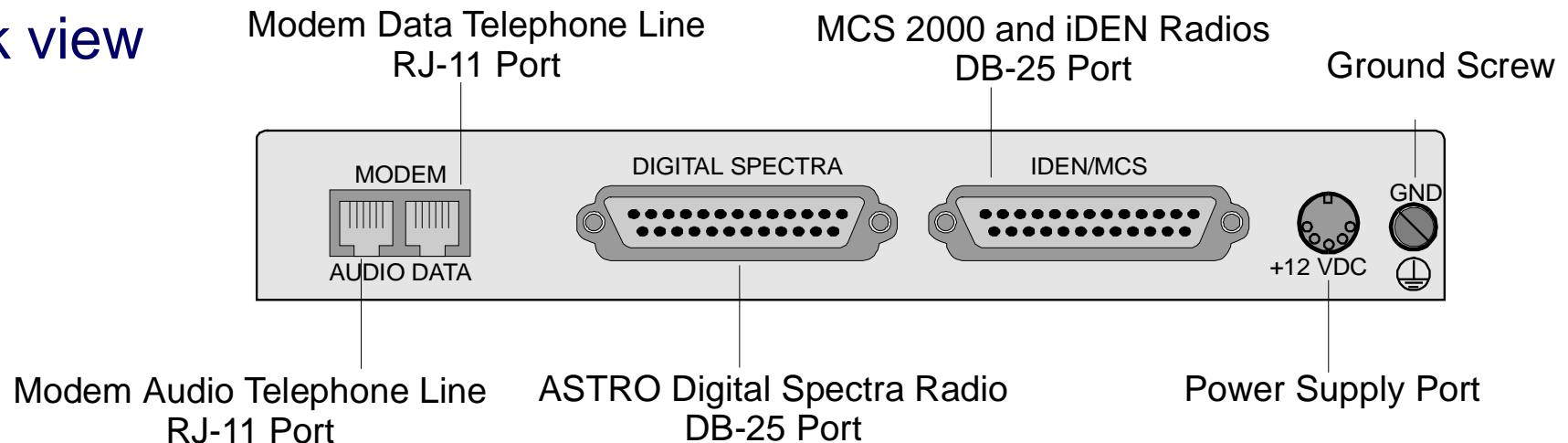
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Connections to Digital Junction Box

Front view

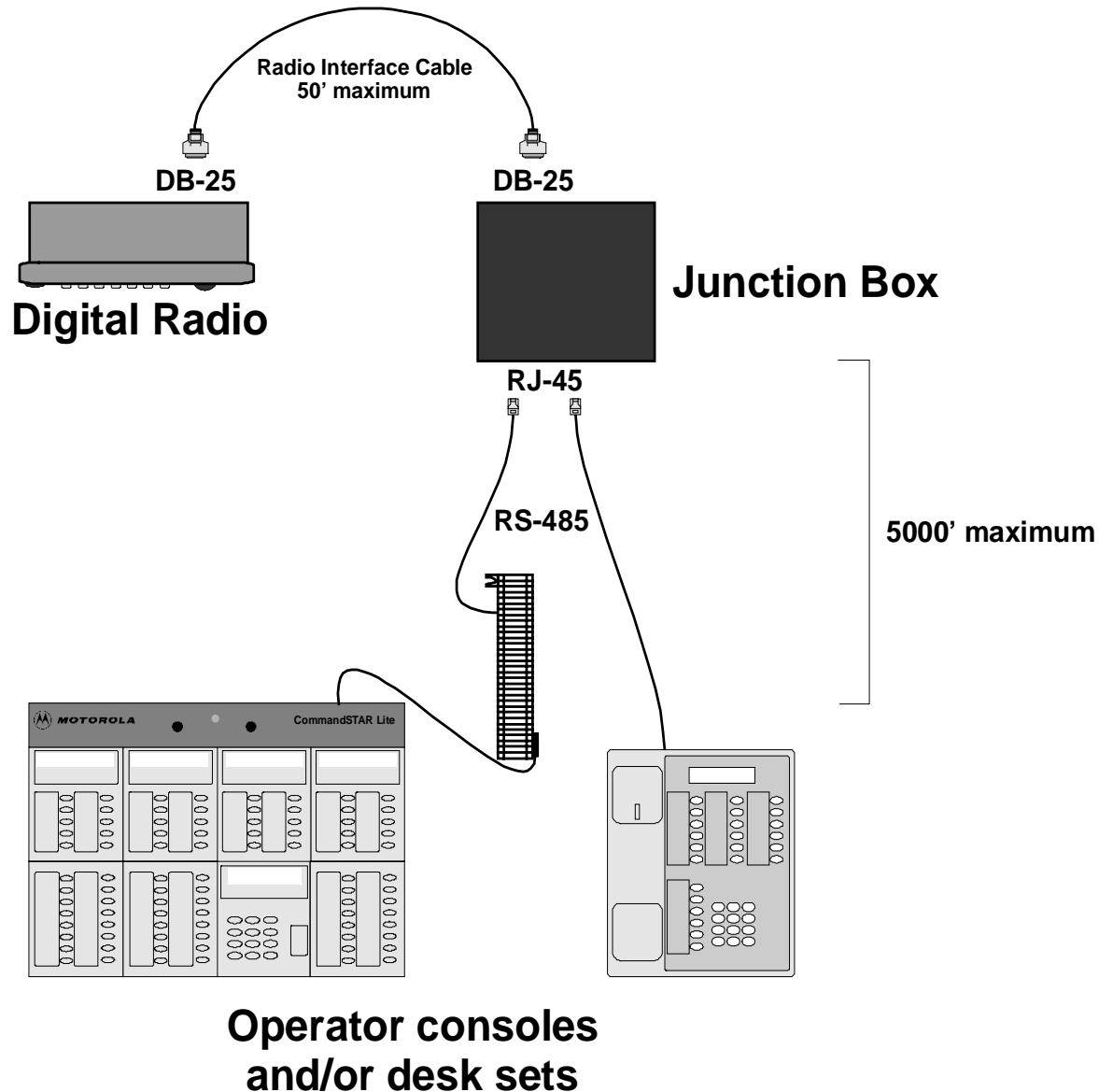


Back view



CommandSTAR Lite

Connections to Digital Junction Box (cont'd)



CommandSTAR Lite

Easy Configurations

- 4 modular platforms:
 - » 4 conventional channels
 - » 8 conventional channels
 - » 4 digital channels
 - » 6 digital channels
- All platforms include:
 - » Keypad (1)
 - » ACM (1)
 - » Built-in microphone
 - » Select (1) and Unselect (1) speakers
- Optional user modules: DCCM, DRCM, ACM
- Optional internal modules: 2 CO lines, 4 channel option, DC control option (2 max), 2 (max) Digital control option
- Optional external accessories: operator and supervisor headsets, gooseneck, desktop microphone, PTT footswitch, I/O module



CommandSTAR Lite

Competition: Feature Matrix

Features	CommandSTAR™ Lite Conventional	CommandSTAR™ Lite Digital	CommandSTAR™ (network)	Zetron 4010	Zetron Series 4000	Orbacom Calida+™
Desktop	Yes	Yes	Yes	Yes	Yes	Yes
Rackmount	No	No	Yes	Yes	Yes	Yes
Channel/Repeater Control	8 Max	6 Max.	12 desktop/40 rackmount	12	48	16
Type of Remote Control	Tone, DC, E&M per chan	Digital, SB9600	Tone, DC, E&M	Tone, DC, E&M	Tone, DC, E&M	Tone, DC, E&M
Frequencies per Channel	1 local, 16 Tone, 2 DC	Max of Radio	16 tone, 2 DC	4 tone, 4 DC	8 tone, 4 DC	4 tone, 4 DC
Parallel Controllers	10	>10*	16	Multiple	16	Multiple
Parallel Status Updating	Yes (on Tone only)	Yes	Yes (via network)	No	Yes	Yes
Display	2 line X 8 char per channel	2 line X 16 char per channel	2 line X 8 char per channel	1 LCD display/console	1 LCD display/console	No - clock only
Select & UnSelect Speaker	Yes	Yes	Yes	Yes	Yes	Yes
Internal Built-in Microphone	Yes	Yes	No	No	No	No
Per Channel Volume Control	Yes	Yes	Yes	Yes	Yes	Yes
Clock	Yes	Yes	Yes	Yes	Yes	Yes
VU Meter	Yes	Yes	Yes	Yes	Yes	Yes
Instant Transmit	Yes	Yes	Yes	Yes	Yes	Yes
Monitor	Yes	Radio Specific	Yes	Yes	Yes	Yes
Intercom	Yes	Yes	Yes	Yes	Yes	Yes
Supervisory Control	Yes	Yes	Yes	Yes	Yes	Yes
Alert Tone	Yes	Yes	Yes	4	4	2
All Mute	Yes	Yes	Yes	Yes	Yes	Yes
Console Cross Mute	Yes	Yes	Yes	Yes	Yes	Yes
LOTL / LOBL	Yes	Yes	Yes	Yes	Yes	Yes
2 / 4 wire audio	Yes	Yes	Yes	Yes	Yes	Yes
Self Contain Electronics	Yes	Yes	Electronics Housed Separately	Yes	Back room C.E.	Yes
Self-Diagnostics	Yes	Yes	Yes	Yes	Yes	No
Auxiliary I/O's	Multiple (64 total)	Multiple (64 total)	Multiple (64 total)	8 in / 8 out	Multiple (opto inputs/ relays)	max. 20 relays
Logging Recorder Output	Yes	Yes	Yes	Yes	Yes	Yes
Public Address (PA) Output	No	No	Yes	Yes	Yes	No
Secure (Coded/Clear)	Option	Radio Specific	Yes	Yes	Yes	Yes

Specifications subject to change without notice.

CommandSTAR Lite

Competition: Feature Matrix

Features	CommandSTAR™ Lite Conventional	CommandSTAR™ Lite Digital	CommandSTAR™ (network)	Zetron 4010	Zetron Series 4000	Orbacom Calida+™
Aliasing	Standard (with display CCM)	Radio Specific	Standard (with display CCM)	No	No	No
RS232 Printer Port	Yes	Yes	Yes	No	Yes	No
Phone Patch	Option	Option	Option	Yes	Yes	Yes
Radio Patch	Yes	Yes	Yes	Yes	Yes	Yes
Multi-Select	Yes	Yes	Yes	Yes	Yes	Yes
Multi-Tasking	Yes	Yes	Yes	No	Yes	No
Wall Mount	No	No	No	No	No	No
110/220V AC Operation	Yes	Yes	Yes	Yes	Yes	Yes
Microphone Accessories	Yes	Yes	Yes	Yes	Yes	Yes
Paging	Yes	Radio Specific	Yes	Yes	Yes	Yes
Motorola Two Tone	Yes	Radio Specific	Yes	Yes	Yes	Yes
GE Two Tone	Yes	Radio Specific	Yes	Yes	Yes	Yes
Plectron Two Tone	Yes	Radio Specific	Yes	Yes	Yes	Yes
DTMF	Yes	Radio Specific	Yes	Yes	Yes	Yes
5/6 Tone	Yes	Radio Specific	Yes	Yes	Yes	Yes
Custom Paging	Yes	Radio Specific	Yes	Yes	Yes	Yes
Select V (Encode/Decode)	No	No	No	No	No	No
HEAR Tones (1500/2805)	Yes	Radio Specific	Yes	Yes	Yes	Yes
Single Button Paging	Yes	Radio Specific	Yes	Yes	Yes	max. 32 buttons
Check List Page	Yes	Radio Specific	Yes	Yes	Yes	Yes
Encode Group Page	Yes	Radio Specific	Yes	Yes	Yes	Yes
DTMF Decode	Yes	Radio Specific	No	Yes	Yes	No

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CommandSTAR Lite

Competition: Feature Matrix

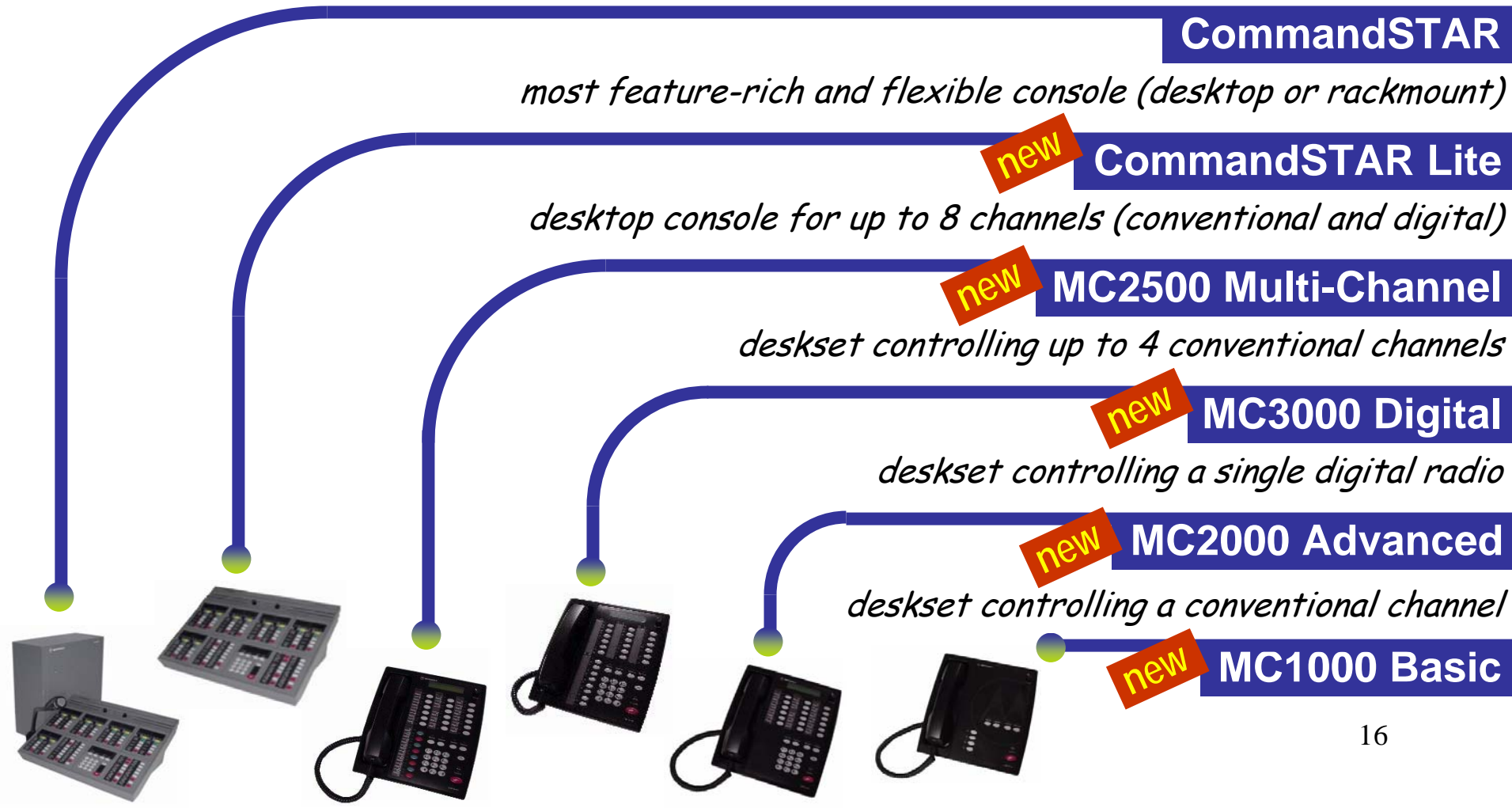
Features	CommandSTAR™ Lite Conventional	CommandSTAR™ Lite Digital	CommandSTAR™ (network)	Zetron 4010	Zetron Series 4000	Orbacom Calida+™
Stat-Alert	Option Module	Radio Specific	Yes	Yes	Yes	No
PTT ID	Yes	Radio Specific	Yes	Yes	Yes	No
Status/Message Decode	Yes	Radio Specific	Yes	No	No	No
Call Alert	Yes	Radio Specific	Yes	No	No	No
Voice Selective Call	Yes	Radio Specific	Yes	No	No	No
Radio Check	Yes	Radio Specific	Yes	No	No	No
Emergency Indicators	Yes	Radio Specific	Yes	No	No	No
Selective Radio Enable/Disable	Yes	Radio Specific	Yes	No	No	No
Smart Status Decode	Yes	Radio Specific	Yes	No	No	No
Status Request/Vehicule Status	Yes	Radio Specific	Yes	No	No	No
Remote Monitor	Yes	Radio Specific	Yes	No	No	No
Repeater Access Control	Yes	Radio Specific	Yes	No	No	No
Stat-Alert on 2 or more channels	Yes	Radio Specific	Yes	No	No	No
GE-Star PTT ID	No	No	Yes (with Aliasing)	Yes	Yes	No
iDEN™	No	Yes	No	No	No	No
Wireless Trunking (MCS2000/Digital Spectra)	No	Yes	No	No	No	No
LTR™	Yes	No	No	No	Yes	No
External Timing Input	Yes	Yes	Yes	No	Yes	No
Telco Interface (CO)	2 lines per console	2 lines per console	Multiple lines per console	2 lines per console	Multiple lines per console	1 line per console
Call Director Interface	Yes	Yes	Yes	Yes	Yes	Yes
Call Director Patch	Yes	Yes	Yes	No	No	No
Channel Cross Mute	Yes	N/A	Yes	Yes	Yes	Yes
Voter Comparator Interface	Yes	N/A	Yes	Yes	Yes	No
Multiple Monitor Speakers	No	No	Up to 8 per rackmount consoles	No	2	No
Field Programmable	Yes	Yes	Yes	Yes	Yes	Yes
Remote Maintenance	Yes	Yes	Yes	No	No	No
System Statistics	No	No	Yes	No	Yes	No

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CommandSTAR Lite

Where does it fit in new portfolio?

- A whole new family of dispatching products on the tracks of the popular CommandSTAR



CommandSTAR Lite

Contacts

- **Toll-free pre-sales support line**

1-877-CMD-STAR (263-7827)

- **Dealer Customer Resources**

800-927-2744

- **System Support Center**

800-323-9949

- **Support Material**

RO-13-2000 Promotional CD

R4-8-2000 System Planner

R3-13-2001 Catalogue Sheet