



# Radionics™

## D1255 Command Center and D720 LED Command Center Specifications Sheet

### Features

- Slim-Line designer styling compliments any decor
- Easy to read Vacuum Fluorescent Display (D1255) or LED display (D720)
- Lighted keys on entry or key press for simple operation
- Easy system control with menu keys (D1255) or function keys (D720)
- User friendly response tones
- User controlled brightness and loudness (D1255)
- Installer configured menus, text and custom functions (D1255)
- Multiple or single area configurations (D1255)
- Compatible with the D9412, D9124, D9112, D7412 and D7212 Control/Communicators

### Description

The Radionics D1255 and D720 Command Centers are low profile, surface mount units which can annunciate events from the Radionics 7000 and 9000 series control/communicators. The units have number keys (from 0 to 9) and function or menu keys (including COMMAND and ENTER). These keys are used to enter personal passcodes and commands into the D9412, D9124, D9112, D7412 and D7212 Control/Communicator.

Both command centers contain a sounder to annunciate several system and area conditions. These conditions include: Entry/Exit Delay, Keystroke Entry, Faulted Point Protest, Watch Tone, System Trouble Tone, Alarm Tones, and Walk Test.

#### D1255 Command Center

The D1255 features an illuminated keypad, a 16-character vacuum fluorescent display, and programmable text annunciation of up to 246 points. A pull-up reference card and labeled keypad provide a quick reference to common command center features and system displays.

The built-in speaker emits distinct warning tones. As you press each key, the speaker can emit a muted beep to indicate that your entry was accepted.



D1255 with D55 deskstand shown.

#### D720 LED Command Center

The D720 Command Center features LED annunciation for up to eight points. The LEDs can indicate Power State (AC On/Off, Battery Good, Battery Low, and Battery Missing), Armed Status (Perimeter, Interior, and Instant), Point Status (Point Fault, Point Alarm Memory, and Bypassed Point) and Command Mode (On or Off).

### Listings and Approvals

- UL Listed: 1610, 1076, 1023, 985, 864, 609, and 365
- CSFM: Household and Non Hi Rise
- NYC-MEA: Completed
- FM: Approved

### Application

The D1255 and D720 can be mounted in secure areas for use as both system controllers and annunciators.

In commercial uses, the Command Centers are typically installed in building entrances and areas with unrestricted access. Near exterior doors in hotel or business lobbies are ideal locations. This allows a responding agency, or persons evacuating the building

## Application (Cont'd)

to quickly identify the type and location of the emergency from outside without being in danger.

For residential use, the Command Centers are usually located near the front and rear entrances to the home. Additional Commands Centers are also often in a kitchen or in a bedroom.

Multiple Command Centers can be used in a large building with many separate areas of security. These Command Centers can be programmed to control one or many areas.

Both devices have a built in sounder that allows them to be installed in locations not in general view. Audible tones alert personnel to fire system events and assist fire fighters in locating the annunciator.

## Installation

The D1255 and D720 Command Centers connect to the control/communicator through standard four-wire cable. Shielded cable may be required where excessive EMI is a problem.

The field wiring connects to a four-wire harness supplied with the unit. This harness plugs into a four-pin connector on the circuit board through the back of the D1255 or D720. Each unit has three mounting holes in the base that allow secure, correct positioning during installation.

Do not install the command centers in direct sunlight. This damages the module components and makes the display less visible.

## Operational Data

The D1255 and D720 operate through the Serial Device Interface bus of the control/communicators. Serial data and power is received by the command centers through a four-wire cable.

Both devices continually show the status of the system. Changes in the normal panel condition such as alarm or trouble events are displayed in alphanumeric English text (D1255) or LED display (D720) and the appropriate sounder response tone is emitted. Resetting the unit display and sounder can be accomplished only by authorized persons.

## Wire Information

Four-Conductor from Panel	D1255 or D720 Wiring Harness
12VDC	12 VDC (Red)
Date-Out	Data-In (Yellow)
Data-In	Data-Out (Green)
Common	Common (Black)

## Ordering Information

Model	Description
D1255	Command Center
D720	LED Command Center
D54B	Brass Faceplate
D54C	Stainless Steel Faceplate
D55	Desk Stand
D56	Conduit Backbox

## Electrical Specifications

Operating Voltage	Nominal 12VDC supplied by the control/communicator
Operating current D1255	Minimum 104 mA Maximum 206 mA
D720	Minimum 20 mA Maximum 100 mA
Wiring	Four conductors supply: Serial data, +12VDC and panel common
Display fluorescent	16 character vacuum (D1255) or LED (D720)
Operating Temperature	0 to 5°C (32 to 122°F)
Non-condensing Relative Humidity	5 to 85% at 30°C (86°F)

## Dimensions

Base Measurements 8.3"L x 4.5"W x 0.8"D

## Specifications

The contractor shall furnish and install, where indicated on the plans, Radionics D1255 Command Center and D720 LED Command Center. The D1255 shall have a 16 character vacuum fluorescent display and show all system events. The D720 shall have an eight point LED display. Alarms shall be prioritized ahead of other system events and displayed in sequence.

A built in sounder shall indicate events with distinct tones for fire alarm and system trouble. The D1255 and D720 shall connect to the control/communicator through a four-wire cable. The D1255 and D720 shall be constructed of high impact plastic.

The D9412, D9124, D9112, D7412 and D7212 have a nonvolatile event memory. All system events are stored in this log and can be recalled and displayed on Command Centers (D1255), printed locally or retrieved from off premises via the Remote Account Manager (R.A.M.).



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