

## D1252A and D1252AF Alpha II Command Centers Specification Sheet

### Features

- Slim-line designer styling compliments any decor
- Four programmable "one-touch" function keys
- Easy to read vacuum fluorescent display
- Displays system status in English format
- Displays custom text for each point
- User-friendly response tones
- Local system test initiated from keypad
- Keypad illuminates when touched
- Four-wire connection from control
- Multiple alarm and reset options



### Description

The Alpha II Command Center is an accessory device for the Radionics D8124 and D8112 fire control/communicators. The Alpha II contains a 16 character, vacuum fluorescent display that is visible in almost all lighting arrangements. System events are clearly displayed in readable, custom and factory programmed text.

The D1252A Alpha II is a standard, fire/burglary command center molded in white ABS plastic. The D1252A can be tailored for fire alarm installations using a D58A red fire overlay. The D1252A keypad has four function keys, labelled A, B, C, and D to allow end user control of the system with one key.

The D1252AF is a fire alarm command center for the D8124 Addressable Fire Panel. The D1252AF comes installed in the D8124 and is used as the primary means of cancelling alarms and resetting latched devices. The D1252AF is molded in red ABS plastic with a red inlay. The D1252AF keypad contains four function keys that allow authorized users quick access to critical system functions. The keys, labelled A, B, C, and D, allow the user to silence alarms, silence trouble tones, reset latched devices, and reset remote annunciator displays.

The D1252AF is mounted behind a locked lexan panel in the D8124 enclosure and is accessible only by authorized persons with a key.

Both Alpha II models, the D1252A and D1252AF, can be installed together in the same system allowing great flexibility in design.

### Listings and Approvals

- UL Listed
- CSFM and BSA approved

### Application

The D1252A and D1252AF Alpha II Command Centers are suitable for installations requiring remote alphanumeric annunciation and control of system events. Both command centers offer programmable 16 character fluorescent displays and programmable end user function keys.

Each command center is attractively styled with customizing options available to meet most design specifications. Alarm and warning tones can be volume adjusted by the installing company.

### Ordering Information

Model	Description
D1252A	Alpha II Command Center
D1252AF	Alpha II Fire Command Center
D54B	Flushmount Kit (Brass)
D54C	Flushmount Kit (Stainless Steel)
D55	Desk Stand
D56	Conduit Box
D58A	Fire Alarm Overlay Kit
D8114	Quad Serial Output Module

## Installation

The D1252A and D1252AF Command Centers are low profile units and can be surface mounted, or flush-mounted using an accessory flush mount kit. Both models provide 4 mounting holes on the command center base. The top hole is slotted to allow correct positioning during installation. A single 4-wire cable is required to connect the command centers to a control/communicator. This cable attaches to a 4-wire, removable harness supplied with each unit.

Up to five command centers are supported by the D8112 and D8124 panels. A maximum of ten command centers can be supported using a Radionics D8114 Quad Serial Output Module. The D8114 increases the serial data drive capability of the panel and provides protection against induced EMI. Long wire runs or noisy environments may also require shielded cable for protection against EMI.

Slide switches inside the Alpha II enable or disable certain response tones and command center functions. Radionics offers a variety of optional components for customizing the command centers for each installation.

## Electrical Specifications

Operating Voltage	Nominal 12 VDC supplied by the control/communicator
Operating Current	80mA, armed or disarmed
Maximum Current	180mA, keypad lighted and warning tone "on"
Wiring	A 4-conductor cable supplies data-in, data-out, +12 VDC, and common. 500 feet maximum cable run. A maximum of 5 Alpha II Command Centers may be connected directly to a control/communicator.
Display	16-character vacuum fluorescent soft blue display.
Operating Temperature	0° to 50° C (32° to 122° F)
Non-Condensing Relative Humidity	5 to 85% @ 30° C (86° F)

## Operational Data

The D1252A and D1252AF display factory and custom programmed text in response to system events. This text display is defaulted for alarm, trouble, and service display headers and can be customized by the installing company for individual zone or point descriptions. Customized text assists the user in locating alarms or faulted devices.

Panel programming and on board slide switches affect functions an end user can access through the command centers. Functions such as sensor reset, alarm cancel and test commands can be enabled for direct access from the command center or restricted to users with a valid passcode.

## Wiring Information

Four-Conductor From Panel:	Alpha II Wire Leads:
12 VDC (Terminal 3)	12 VDC (Red)
Data-Out (Terminal 31)	Data-In (Yellow)
Data-In (Terminal 30)	Data-Out (Green)
COMMON (Terminal 29)	COMMON (Black)

## Dimensions

Base Measurement  
Height: 4.56", Width: 8.15", Depth: 0.56"

Cover Measurement  
Height: 4.30", Width: 8.12", Depth: 0.23"

## Specifications

The contractor shall furnish and install Radionics D1252A and D1252AF Alpha II Command Centers where indicated on the plans. Each command center shall provide 16 character alphanumeric text display of system events and allow end user access to system control functions.

Both command centers shall provide a numbered keypad for data entry and four system function keys. The D1252A shall be molded in white ABS plastic. The D1252AF shall be molded in red ABS plastic.

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