

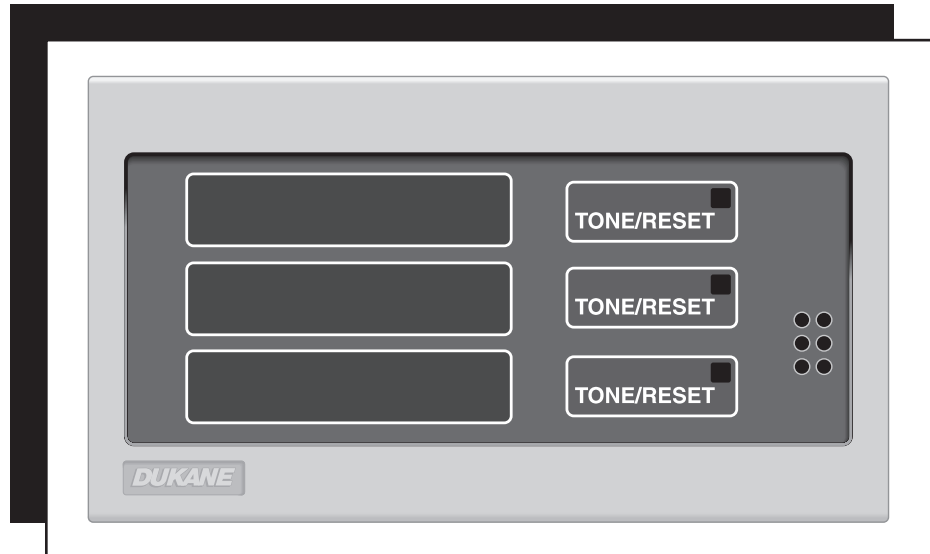


# CODE BLUE DISPLAY UNIT



## Features

- *Built-In Microprocessor*
- *Pressure-Sensitive Switches*
- *Long-Life, High-Intensity LED Display*
- *Supervised*



## General Description

The Dukane Model 18A500 Code Blue Display Unit can be located in ICU, CCU, PABX, or anywhere code blue calls should be monitored independently from other calls. Up to eight displays can be wired in parallel. The display uses bright display electronics, blinking LEDs, and tones to notify the attendant that there are code blue calls in the system. It shows up to six code blue calls and sounds a unique audio tone. It also has momentary and holding dry contact closures for connecting the display to timers and external alarms. Built-in testing modes can be selected to check the displays, LEDs, and tone functions. Special display messages report communication link or central equipment failures. The user can select manual or automatic cancellation of code blue displays. The ProCare 6000 System<sup>®</sup> with code blue display is an electronically supervised system, designed to continuously monitor system integrity.

## Engineers' Specifications

The Dukane Model 18A500 Code Blue Display Unit shall be located as shown on the floor plans and shall have the following functional controls and physical features:

1. There shall be two alternating screens of three lines each, on which a total of six calls can be displayed. Each call shall be displayed using up to six characters to identify the station that placed the call; the first five characters shall be numeric, the sixth character shall be 0-9 or A-D. Any additional calls placed beyond the sixth call shall remain in the system to be automatically displayed when preceding calls are canceled.

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## Engineers' Specifications

2. A six-dot pattern shall appear in the middle display window when there are no code blue calls placed, to indicate that the unit is operational.
3. The code blue display shall have a test mode to determine if all digits in all three display windows are lighting correctly and to check the tone.
4. The code blue display shall display an error message indicating the failure of the central, and shall also display a communications link failure message.
5. The code blue display shall have three panel-mounted LED displays. These LEDs are mounted in the TONE/RESET areas on the front panel. The LEDs shall be off when there are no calls in the system. They shall blink on/off at a rate of 60 pulses per minute when a code blue call is present. The LEDs shall blink on/off at a rate of six pulses per minute to indicate central and link failures.
6. The audible tone shall remain off when no calls are present. It shall beep at 120 pulses per minute when a code blue call is present. It shall also beep at six pulses per minute when a central or communication link failure occurs.
7. TONE/RESET switches shall silence the audible tone after a code blue call has sounded. The TONE/RESET shall also function as a display reset switch when local cancel mode is selected.
8. Two dry contacts shall be available: One momentary; the other a holding-type for connecting the code blue display unit to external timers and alarms.
9. All external connections shall be made by prewired, color-coded, plug-in connectors for easy installation, replacement and/or maintenance.
10. Up to eight code blue display units can be wired in a parallel, non-branching circuit and powered from one Dukane Model 17A451 24Vdc Power Supply.
11. The station shall be Underwriters' Laboratories, Inc. Listed (UL 1069).

## Associated Equipment

### Model 110-3613B

ProCare 6000 File Server (1 per 8 code blue display units)

### Model 17A451

Power Supply (1 power supply can power up to 8 code blue display units).

### RACO #698 or equal

Four-Gang Backbox, 3-3/4" (9.5 cm) high, 7-13/32" (18.8 cm) wide, 3-1/2" (8.9 cm) deep