



AC152 Annunciator Control Unit (AlphaLinQ™ 100 series)



AC152 ANNUNCIATOR CONTROL UNIT

The Alpha Communications® AC152 annunciator control unit is used to provide power and control circuits to operate the AlphaLinQ™ 100 series visual nurse-call system, but can be used and is backwards compatible with some older systems as well. The AC152 contains the electronic circuitry necessary to detect the presence of routine and emergency calls, and to generate audible and visual control signals. It provides steady or intermittent voltages to operate visual signaling devices. The AC152 supports up to 1 amp of current load from the field devices, and supports interconnection of a secondary power supply to increase the output current load to 3 amps. Protective circuitry has been incorporated to protect routine and emergency call commons from shorts.

The AC152 shall also feature a built-in battery charging circuitry, and a Form 'C' dry contact relay which will activate when system calls are placed.

Each master station requires it's own AC152 for power and control.

The AC152 is U.L. 1069 listed, to the latest standards.

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Annunciator Control Unit(s) shall be shall be Alpha Communications® AlphaLinQ™ 100 series model AC152, or approved equal. The AC152 shall provide power and control circuits to operate the audible and visual signals for emergency and routine calls of a complete nurse-call system. Routine calls shall be indicated by a steady light and slowly repeating tone signal. The control unit shall automatically cancel the normal audible signal during intercom use. The unit shall contain all of the electronic circuitry needed for the features mentioned above. The AC152 shall support up to 1 amp of current load from field devices. It shall also support interconnection of a secondary power supply to increase the output current to 3 amps (using an auxiliary Power Supply). Routine and emergency common lines shall be protected against shorted connections.

The AC152 shall also feature a built-in battery charging circuitry, and a Form 'C' dry contact relay which will activate when system calls are placed.

The AC152 shall be mountable right to the surface of the wall or in the optional model CEC152 U.L.® Listed junction box cabinet. The AC152 shall be UL® 1069 Listed to the latest standards.

Contractor shall observe all local and national electrical and building codes.

FEATURES

- U.L. Listed 1069 - to the latest standards
- Yellow LED for primary power in; Green LED for secondary power out indication
- Easily Installs Right on Finished Wall Surface or in Optional Junction Box (model# CEC152)
- Provides steady light and slow tone for routine call; flashing light and rapid tone for emergency call
- Positive Screw Terminal Connectors
- Built-in Battery Charging circuit
- Built-in Form 'C' Dry Contact Relay to activate external devices
- Routine and emergency commons incorporate short-protection circuitry

SPECIFICATIONS

Dimensions:	Height: 3.75" (96mm) Width: 4.25" (108mm) Depth: 2.375" (61mm) from mounting surface
Construction:	Electronic components mounted on a printed circuit board and housed in a rugged plastic case
Connections:	Positive Screw Terminal Connectors. Unit should be surface mounted and installed within 50 feet of master

REQUIRED COMPONENTS

- AlphaLinQ™ 100 Annunciator unit and system components
- Model SS106 Transformer (1 required for each AC152 control unit)

- **CEC152** U.L.® Listed steel junction box cabinet, in a painted Beige finish. Used to house and protect the **AC152** and its wiring connections.

	station.
Temperature:	0-50 degrees C

TYPICAL SYSTEM COMPONENTS

- **CDL101LED** Corridor Dome Light w/1 White LED
- **CDL102LED** Corridor Zone Light w/1 White and 1 Red LED
- **VPS101** Single Visual Patient Station
- **VPS102** Double Visual Patient Station
- **VSS110** Visual Staff Station
- **EPS155** Emergency Pull/Push Station (Toilet)
- **EPS156** Emergency Pull/Push Station (Code Call / Code Blue)
- **EPS337** Emergency Pull/Push Station (Shower)
- **EPS339** Emergency Push Station (Mushroom Head)
- **VDS150** Duty Station

Alpha Communications

42 Central Drive • Farmingdale • NY • 11735-1202 • Phone: (631) 777-5500 • Fax: (631) 777-5599
 TOLL-FREE: (800) 666-4800 • Web: www.alphacommunications.com • Email: info@alphacommunications.com

Copyright© 1998-2020 Alpha Communications® - All Rights Reserved.

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.