

UL ANNUNCIATOR CONTROL UNIT

APPLICATION

The PK-151A (PK151A) provides power and control circuits to operate TekTone®'s Tek-CARE® NC-150, NC-200 and NC-110 nurse call systems. The PK-151A unit contains the electronic circuitry necessary to detect the presence of normal and emergency calls, and to generate audible and visual control signals. It provides steady or intermittent voltages to operate visual signaling devices. The PK-151A supports up to 1 amp of current load from field devices, and supports interconnection of a secondary power supply (PK-800A) to increase the output current load to 3 amps. Protective circuitry has been incorporated to protect routine and emergency call commons from shorts.

FEATURES

- UL® 1069 Listed
- High-quality integrated circuitry and electronic components.
- Rugged extruded aluminum case.
- Provides steady light and slow tone for normal call; flashing light and rapid tone for emergency call.
- Routine and emergency commons incorporate short protection circuitry.

SPECIFICATIONS

Dimensions: Height: 9.50" (240 mm)
Width: 2.375" (60 mm)
Depth: 2.25" (57 mm)

Construction: Electronic components mounted on a printed circuit board and housed in a rugged extruded aluminum case.

Connections: Screw terminals.

Temperature: 0°C–50°C.

Mounting: Surface-mounted (within 50' of master station).

Power: 24 VAC, 30VA.

Specifications are the minimum requirement for system operation. Some systems may require additional equipment. Contact your factory representative.

REQUIRED COMPONENTS

Tek-CARE® NC-110, NC-150 or NC-200 Nurse Call System

— for higher current applications add —

PK-800A 24 VDC Power supply

FZ151 In-line 4A fuse connector

PS-100 (SS-100) 24 VAC, 100VA Transformer



PK-151A

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The power and control unit shall be TekTone® PK-151A or approved equal as supplied by LEE DAN®. The PK-151A shall provide power and control circuits to operate audible and visual signals for emergency and normal calls of a complete nurse call system. Normal calls must 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 and functions mentioned above. The PK-151A 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 load to 3 amps (use TekTone®'s PK-800A Power Supply). Regular and emergency common lines shall be protected against shorted connections. It shall be mounted on a printed circuit board and housed in a rugged extruded aluminum case.

The PK-151A shall be UL® 1069 Listed.