

## ARCHITECTS' & ENGINEERS' SPECIFICATIONS

**General:** Area of Rescue system shall be a TekTone® NC150R (NC-150R) or approved equal. It shall have pushbutton controlled circuits and indicator lights for "TALK" and "CALL" functions. The NC150R master shall include controls, amplifier, selector modules, test button, panel and frame. The master panel shall provide visual and audible indication when calls are placed. The system shall allow for connection of eight (8) IR150B (IR-150B) call stations, and provide a two-way audio communication path to each call station (when properly selected). IR150B remote stations shall have "CALL" PLACED and "RESET" LED functions.

**Power/Control Unit:** Power and control unit shall be a TekTone® PK152 (PK-152) or approved equal and shall be UL® 1069 Listed. The PK152 shall provide power, as well as control circuits to operate audible and visual signals.

**Staff Station Remote:** Remotes shall be TekTone® IR150B (IR-150B) staff stations or approved equal. Staff station shall provide call placement indicator, call push button, combination reset button and in-use indicator, and a 2.5" x 2.5" speaker/microphone with voice response. Staff station electronics shall be mounted on a durable flame retardant ABS plastic panel. Connections shall be plug-in connectors.

**Spare Parts:** Contractor shall furnish a minimum of 10% extra LI-014 replacement bulbs for the annunciator. A Lee Dan model N-553A shall be provided with each annunciator for bulb maintenance. A Lee Dan model SC-1 Scrolux driver shall be provided with each annunciator for panel maintenance. One spare IR150B remote shall be provided for every ten (10) or less units placed in service.

## SPECIFICATIONS

**NC150R:** Master Intercom/Annunciator Station. PCB mounted components installed within a rugged extruded aluminum panel. 13 1/4"H, 6 1/4"W, 4 1/4"D.

**OH150:** Flush Housing for NC150R. Galvanized Steel. 11 5/8"H, 4 7/16"W, 3 7/8"D.

**IR150B:** Area Of Rescue Station. Rugged ABS plastic panel with integral speaker grill. 4 1/2"H, 6 3/8"W, 1 7/8"D

**IR150B Mounting:** Mounts horizontally on Steel City #H3BD with Steel City #3GC plaster ring, or TekTone's #IH-353 box with IH-352 ring.

**PK152:** Power/Control Unit. Electronic components mounted on a printed circuit board and housed in an ABS plastic case. One required per system. UL® 1069 Listed. 5 1/2"H, 3 1/8"W, 2"D. 5 1/2"

**PS-30A:** 24VAC UL® Listed Pigtail Transformer. One required per system.

**RP-021CM:** Custom or Blank Lens Markings. One required per zone (8 for standard NC150R).



**NC150R**  
8 unit Area of Rescue  
Master Annunciator  
Panel. Other size  
masters are available on  
a special order basis.



**IR150B**  
Area of Rescue Station

## APPLICATION

**NC150R (NC-150R)** is an "Area of Rescue" system designed to provide voice and signal communication between the master intercom/annunciator and IR-150B area of refuge call stations.

Calls are indicated at the master by visual and audible signals. The master also has sensitive two-way communications and call tone functions. A maximum of eight (8) call stations may be connected to the standard eight (8) zone NC-150R Master Station. Larger masters are available on a custom order basis.

**PK152 (PK-152)** Provides power and control circuits to operate audible and visual signalling.

**IR150B (IR-150B)** Staff Station is used to provide communication to the NC150R master intercom/annunciator. IR150B stations are to be located at designated areas of rescue.

## FEATURES

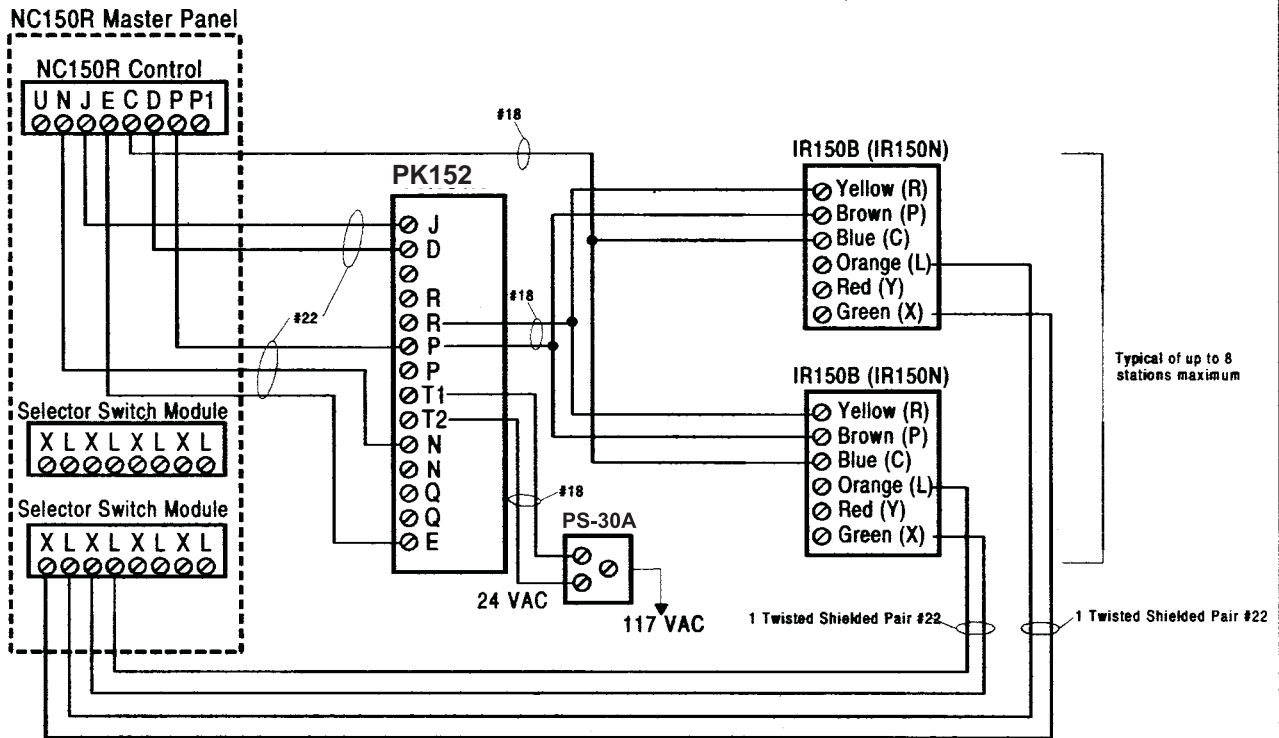
- Audible & visual annunciation.
- Push Button Operation.
- Voice communication & monitoring.
- Sensitive speaker/microphone for clear audio.
- Provides steady light and slow tone for call-in.
- Meets ADA requirements.
- Solid-state circuitry.

(may require specific indicator signs—check local codes).

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## Tef-SAFE™ Area of Rescue System

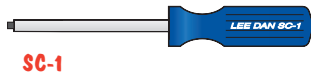


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- Notes:**
1. Terminal identifications shown are not in actual order.
  2. Main supply circuit: Connect to 117 VAC, 60Hz, 40 Watts maximum. Use #18 gauge wire.
  3. Use shielded cable if not in a metal conduit. If shielded cable is used, shield drain wire replaces conductor connected to terminal "C" on CONTROL module on NC150R.
  4. Connect shields from twisted shielded pairs to "C" terminal of master.



**PK152**  
Annunciator Control Unit



**SC-1**

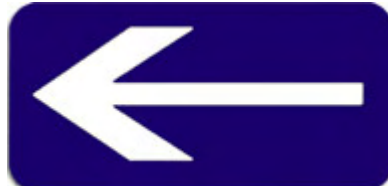


**N-553A**  
Lamp Extractor

### OPTIONS & UPGRADES



**S1002 (SI-002)** 6"H x 12"W  
Area Of Rescue Assistance Sign.



**S1003 (SI-003)** 3"H x 6"W  
Area Of Rescue Directional Sign.  
Use as Left or Right Arrow.



**IR150SS (IR-150SS)** 5"H x 11.2"W x 1.75"D  
Flush, stainless steel, remote call station with mushroom type button.

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