

**ARCHITECTS' & ENGINEERS'  
SPECIFICATIONS**

The Contractor shall furnish and install a complete emergency call signalling system as described herein and as shown on the plans. It shall be a LEE DAN® Tek-Care system or approved equal.

**Pull Stations:** Emergency pull stations shall be Lee Dan model SF-117/2B or approved equal. Station shall have nylon pull cord actuated switch mounted on durable ABS plastic panel marked 'EMERGENCY'. Cord shall be nylon with molded pull tassel. Pull cord shall be a minimum of 6' long, so it can be reached from the floor if necessary. Cancellation of an emergency call shall be possible only at the pull station of origin.

Two (2) SF-117/2B emergency pull stations (or substitute SF-117/4B for systems including any optional bells, horns, door strikes or other signalling devices) shall be provided for each residence. One shall be placed for accessibility from the bed. The other shall be placed for accessibility from the bathroom.

**System Controller:** System controller shall be a Lee Dan model PK-2019 or approved equal. Controller shall be powered by a Lee Dan model PS-30A transformer (16VAC/30VA), or approved equal and shall be UL listed.

**Annunciator Panel:** Annunciator panel shall be a Lee Dan Tek-Care series CM-800 or approved equal. Panel shall be constructed of anodized extruded aluminum with individually designated backlighted lens covers for each zone. Pigtail connections will not be acceptable.

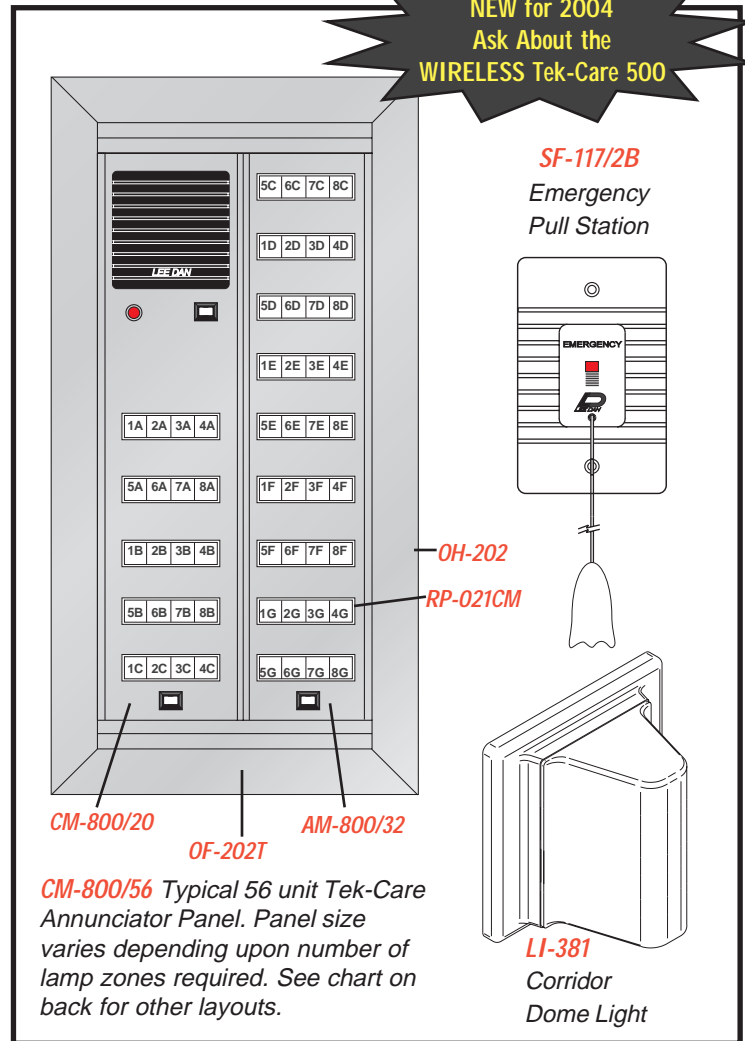
Speaker shall be 3.5", 1 Watt, 45 Ohm. Speaker, bulbs and lens markings shall all be field replaceable. Glued-in-place components are not acceptable. Access screws shall be tamper resistant Scrulox type.

**Dome Lamps:** Dome lamps shall be Lee Dan model LI-381 or approved equal and shall be UL listed. Lamps shall include a translucent plastic cover which shall be removable for bulb maintenance without the use of hand tools. Base shall be made of high impact ABS plastic. One LI-381 dome light shall be mounted above each residence doorway.

**Audible Signalling Devices:** At each designated hallway, contractor shall furnish and install a model BE-005 surface mount vibrating bell, or model VH-024/4F (with 870-B backbox) flush mount vibrating horn. Furnished bell or horn, shall operate on 24VAC and shall be compatible with Lee Dan Tek-Care system or approved equal. Systems including optional bells or horns, shall include Lee Dan model PS-050 (24VAC/50VA) or PS-100 (24VAC/100VA) transformer, or approved equal which must be UL listed.

**Spare Parts:** Contractor shall furnish a minimum of 10% extra replacement bulbs (LI-014 for the annunciator, and LI-028 for the dome lights). One Lee Dan model N-553A shall be provided with each annunciator for bulb maintenance. One spare SF-117/2B pull station, and one spare LI-381 dome light shall be provided for each 25 units placed in service.

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**CM-800/56** Typical 56 unit Tek-Care Annunciator Panel. Panel size varies depending upon number of lamp zones required. See chart on back for other layouts.

**APPLICATION**

Tek-Care™ is the ideal emergency call signalling system for multifamily dwellings housing the elderly or handicapped.

Any occupant requiring emergency assistance can signal the building manager, attendant, and/or neighboring occupants by activating a conveniently located pull cord switch in the apartment, or otherwise located throughout the facility.

Depending upon the system options selected, the activation of the pull cord switch instantly and continuously activates a lamp annunciator and audible signal at the managers office or other location, activates a visual corridor dome lamp signal outside the apartment door, sounds a horn or bell in the hallway. As an added option, activation of the pull cord switch can also operate an electric door release at the occupants door, enabling immediate access to the occupant's apartment.

# TEK-CARE™ EMERGENCY CALL SYSTEM

## CM-800 ANNUNCIATOR INFORMATION

The CM-800 series annunciator is a modular unit, constructed of extruded aluminum. CM-800 has easily removable lamp lens coverings for quick bulb replacement, and to protect lamp identifications. Up to four (4) digits are available per lamp. Positive screw terminals are provided for easy wiring hook-up. Available from 4 to 400 zones (or more) in multiples of four (4) lamp indicators.

Each CM-800/XXX (XXX = no. of lamp indicators) annunciator consists of the following equipment:  
(all single quantities, unless indicated otherwise)

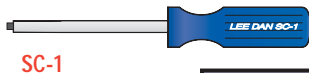
### ANNUNCIATOR

- CM-800/X Speaker Panel with Tone-Off Button and Light. Models range from zero to 20 Lamps. With test button.
- AM-800/X Lamp expansion module with test button. Models range from 24 to 32 lamps. Requires 1 CM-800/X
- RP-021CM Custom lens markings. 1 required for each lamp indicator. Quantity must be multiple of 4.
- OF-20XT Series flush aluminum frame (see chart below). 'X' = number of modules wide.
- OH-20X Series flush housing or other mounting box (see chart below). 'X' = number of modules wide.
- OH-30X Series surface housing or other mounting box (see chart below). 'X' = number of modules wide.
- PK-2019 Annunciator control unit (powered by PS-30A transformer, use PS-250 transformer for more than 4 simultaneous lamp indicators at one time).
- PS-30A UL listed pigtail transformer, 16VAC/30VA. 1 required per system.



### ACCESSORIES

- LI-014 Replacement annunciator bulbs, 24 Volt, 40 MA. Fits CM-800 + AM-800 lamp modules.
- LI-028 Replacement bulbs for LI-381 dome lamps, 24 Volt.
- N-553A Lamp extraction tool. Used to replace annunciator (LI-014) bulbs.
- SC-1 Scrulox screwdriver. Used to access special tamper-resistant screws provided with annunciator.



### LEE DAN CM-800 ANNUNCIATOR DIMENSIONS

Number of Lamps	Main Control Module	Frame Model Number	Frame Width (in inches) All 17.75" High	Flush Mounting Box	Wall Opening Width (All 4" Deep) All 16.25" High	Surface Mounting Box	Extra Zone Module(s)
4	CM-800/4	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
8	CM-800/8	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
12	CM-800/12	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
16	CM-800/16	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
20	CM-800/20	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
24	CM-800	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM-800/24
28	CM-800/4	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM-800/24
32	CM-800/8	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM-800/24
36	CM-800	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM-800/36
40	CM-800/4	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM-800/36
44	CM-800/8	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM-800/36
48	CM-800/12	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM-800/36
52	CM-800/16	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM-800/36
56 or more	<i>All sizes available - Contact LEE DAN for dimensions over 56 Lamps</i>						



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