

Talk-A-Phone Co.

Model **SC-24** Super Consolidator

Architectural & Engineering Specification rev. 1/29/03

1 General Description

- 1.1 The System shall be a stand-alone Emergency Phone Communication System consisting of a Super Consolidator, model SC-24, no substitutions, up to 3 Consolidators and up to 24 Talk-A-Phone Co. line-powered Emergency Phone devices. Externally powered devices are not acceptable.

2 Construction

- 2.1 Unit shall include a KSU measuring 12.8" x 8.9" x 2.8", a punch down block measuring 9.9" x 2.5" x 2.3" and a key phone measuring 6.4" x 9.3" x 2.5".
- 2.2 KSU shall weigh 4 lbs., punch down block shall weigh 2 lbs. and key phone shall weigh 2 lbs.

3 Features

- 3.1 Key phone shall have a speed dial button for each Consolidator.
- 3.2 Emergency Phones shall be individually addressable.
- 3.3 Punch down block shall be pre-wired
- 3.4 Unit shall have terminals for battery backup.
- 3.5 System shall be expandable to include up to 16 key phones.
- 3.6 System shall not require outside phone lines.
- 3.7 System shall be compatible with all Talk-A-Phone Co. Emergency Phones.

4 Electrical

- 4.1 Emergency Phones shall be fully phone line powered, requiring no external power or battery back-up.
- 4.2 24VDC, 1 Amp power supply shall be provided for KSU.
- 4.3 One dedicated, twisted communication pair shall be run from each Emergency Phone to a Consolidator, and from each Consolidator to the Super Consolidator's punch down block.

5 Mounting

- 5.1 Punch down block may be mounted on a wall; other components shall be mounted on a desk or shelf.

6 Options

- 6.1 Extra key phones, model DKS-830, shall be available to enable multiple people to answer Emergency Phone calls.
- 6.2 Digital-Analog Converter, model CA-2, shall allow compatibility with Talk-A-Lert® diagnostics/base station package.

7 Warranty

- 7.1 Equipment shall be warranted against any defects in material and workmanship, under normal use, for a period of twelve months from date of installation. In the event system is found by manufacturer to be defective within the warranty period, manufacturer shall repair and/or replace any defective parts, provided the equipment is returned to manufacturer.

8 Manufacturer

- 8.1 The Manufacturer shall be Talk-A-Phone Co. (773) 539-1100, 5013 N. Kedzie, Chicago, Illinois 60625, www.talkaphone.com. THERE ARE NO EQUIVALENTS.