Talk-A-Phone Co.

Model **ETP-MT** Emergency Phone Tower Mount
Architectural & Engineering Specification rev. 1/29/03

1 General Description

1.1 The unit shall be a highly vandal-resistant free-standing steel emergency phone tower mount, model ETP-MT, no substitutions, with built-in combination blue light/strobe and lighted faceplate. The tower shall house an ADA-compliant, line-powered communication device manufactured by Talk-A-Phone Co. Externally-powered devices are not acceptable.

2 Construction

2.1 The unit shall be constructed of steel and weigh approximately 280 lbs.

2.2 The unit shall measure 10" W x 8" D x 114" H with 0.25" thick walls.

2.3 A multi-coat, rust-inhibitive coating shall be applied to withstand prolonged exposure to harsh environments.

2.4 An internal base plate shall be fully welded within the tower 2" above the tower base. The base plate shall be fabricated of 0.75" A-36 steel. There shall be a 4" diameter center hole for wiring access and four 1" diameter holes for anchor bolt clearance.

2.5 Tower shall have a wiring access opening measuring 11" H x 8" W, located 15" above the base of the tower. The opening shall have a flush cover plate with a wall thickness of 0.25", held in place by two 10-24 countersunk, tamper-resistant spanner screws.

2.6 An opening shall be cut in the face of the column for mounting any flush-mounting, 400-Series emergency phone models. The lower edge of the opening shall slope down 30º from rear to front, making the edge difficult to use as a shelf yet convenient as a writing surface.

2.7 The word "EMERGENCY" shall be emblazoned on all four sides in 3.25" high reflective white letters (custom lettering, sizes and colors available).

3 Lighting

3.1 Atop the tower shall be a combination blue light and strobe.

3.1.1 The blue light shall be a 7 watt high efficiency, compact fluorescent light with a 10,000 hour lifetime. It shall be lit at all times.

3.1.2 The strobe shall provide 1.5 million candlepower and flash 70 times per minute when the emergency phone is activated and continue flashing until the call has been completed.

3.1.3 The polycarbonate refractor/housing shall have a prismatic pattern to increase visibility at greater distances.

3.2 The tower shall have a concealed 7 watt high efficiency, long life compact fluorescent light illuminating the emergency phone face plate at all times.

3.3 Optional area lighting shall be available (see Options below).

4 Electrical

4.1 The communication device shall require no external power. It shall be powered by the phone line, PBX extension, or a wireless communication interface.

4.2 Standard 120VAC power shall be required for the blue light/strobe and face plate light.

4.3 Tower shall be available in alternate power versions including: 24VDC, 12VDC, solar powered, and powered by a switched high-voltage power source (see Options below).

4.4 All lamps and fixtures shall be UL and C.S.A. listed. All electrical components shall be hard wired and concealed within the tower. All wiring and electrical fixtures comply with the standards of the National Electrical Code, UL and C.S.A.

5 Mounting

5.1 The tower shall include 24 inch J-bolts for mounting into a 24" x 24" concrete foundation, depth to vary according to local regulations and other site-specific considerations. J-bolts shall protrude approximately 5 inches from surface of foundation.

5.2 An optional mounting kit shall be available for mounting into above ground locations such as parking decks, where access to concrete base is available from both above and below.

6 Options

6.1 Power

6.1.1 Tower shall be available in 24VDC version, model ETP-MT-24V. Blue light/strobe shall include ultra-bright, long-lasting LEDs instead of compact fluorescent. Face plate light shall be 24VDC LED bulb.

6.1.2 Tower shall be available in 12VDC version, model ETP-MT-12V. Blue light/strobe shall include ultra-bright long-lasting LEDs instead of compact fluorescent. Face plate light shall be a 12VDC LED board.

6.1.3 Solar Powered Tower, model ETP-MT/R OPT SOLAR, shall be available when no power is available on site. Solar tower shall utilize the 12VDC lighting options mentioned above.

6.1.4 Power Charging System, model PCS-1, shall be available to provide continuous power to towers when a switched power supply is available to provide power at least 6 hours per day.

6.2 Communications

6.2.1 Tower shall accept any 400-Series flush mounting emergency phone.

6.2.2 Communication device shall accept fiber optic line instead of standard copper wire. 400-Series flush mounting emergency phone and fiber interface shall be required.

6.2.3 Cellular Interface shall be available when phone line is not available.

6.2.3.1 Transmission shall be tri mode 800MHz TDMA/1900 MHz PCS/800 MHz AMPS, model ETP-CI.

6.2.3.2 Transmission shall be 1900Mhz GSM, model ETP-CI/GSM.

6.2.4 Radio Frequency Interface, model ETP-WTR/2, shall be available when phone lines are not available. Radio Frequency Interface functions as part of a complete proprietary radio frequency system.

6.3 Integrated CCTV

6.3.1 Model ETP-MT OPT 2 shall include an integrated fixed camera, supplied by others, mounted above the faceplate.

6.3.2 Model ETP-MT OPT 3 shall include an integrated Silent Witness fixed camera mounted above the faceplate. For full specifications of Silent Witness camera, contact Talk-A-Phone Co.

6.4 Integrated high-powered area lighting, model AREA-LIGHT, shall be available to illuminate the area around the emergency phone.

7 Warranty

7.1 Equipment shall be warrantied against any defects in material and workmanship, under normal use, for a period of five years 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.