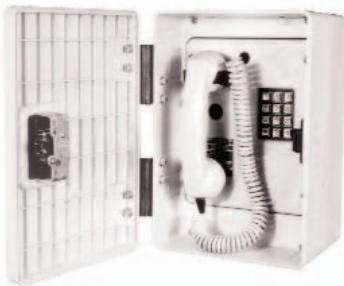




226-001 Tough Phone



246-001 Indoor Phone



256-001 Outdoor Phone



276-001 Flush Panel Phone

- **Extended temperature range:**
- 40° to +140°F
- **Standard analog telephone line powered**
- **Anti-corrosive enclosure**
- **Braille metallic keypad**
- **Fully line powered**
(no external power required)
- **Hearing aid compatible**
- **Non movable hook-switch**
- **Volume control handset**
- **Noise-canceling microphone**
- **Extreme operating temperature range**

GAI-Tronics' wide variety of indoor and outdoor Industrial Telephones are designed for those applications where standard telephones are not environmentally suitable. Such applications include public areas, plant entrances, college campuses, airports, commercial locations, parking garages and amusement parks.

GAI-Tronics has been manufacturing rugged industrial communications equipment for over 50 years and consistently strive to meeting and exceed customer requirements. As an ISO9001:2000 certified company, we maintain the highest quality standards and are proud that our equipment is manufactured in the U.S.A.

Since our industrial telephones are often installed in the harshest environments, durability and performance are extremely important.

GAI-Tronics industrial telephones include standard items such as a proximity detecting hookswitch with no moving parts and a sealed keypad to keep out dust, dirt and moisture. The sealed electronic ringer also prevents contaminants from entering the housing. Other standard features are noise canceling microphones and volume control handset. These telephones are fully line powered, and do not require an internal battery.

The 246 indoor and 256 outdoor series Industrial Telephones are constructed of a high-impact, anti corrosive enclosure with an industrial strength six-foot Hytrel® handset cord. The Hytrel® cord is unique that it can withstand 250 pounds of pull strength and remains flexible in the most extreme temperatures, unlike PVC cords that are limited to 40 pounds of pull strength and begin to deteriorate at -14°F temperature range.

GAI-Tronics 226 series Tough Phone was developed for public and industrial areas requiring a virtually indestructible telephone. Each Tough Phone is housed in a 1/4-inch thick, sand-cast aluminum enclosure, coated with an exterior polyurethane finish. Standard equipment includes a spring return door, 15-inch lanyard armored cord resistant up to 800 pounds of pull strength, proximity metallic non-moveable hook-switch and tamper resistant hardware.

The 276 series telephone is designed to flush mount or surface mount (using 236 series enclosure). This unit has a brushed stainless steel faceplate with a metallic non-moveable hook-switch. Standard equipment also includes a 29-inch lanyard armored cord, resistant up to 800 pounds of pull strength and tamper resistant hardware.

Note: Part number 233 Tamper resistant screwdriver is required for installation of the models 226 and 276 telephones.

Standard Keypad Industrial Telephones

226-001, 246-001, 256-001, and 276-001

TECHNICAL SPECIFICATIONS

Electrical

| | |
|-----------|--|
| Current | Minimum 20mA dc; maximum 60mA dc |
| Voltage | 24 V dc to 60 V dc (not polarity sensitive) |
| Signaling | DTMF |

Environmental

| | |
|-----------------------------|----------------------------------|
| Operating temperature range | -40° to +60°C; -40° to +140°F |
| Relative humidity | to 95%, no condensation |

Model 246-001 and 256-001

| | | |
|------------|---|-------------------------------|
| Enclosure | High-impact, glass reinforced polyester | |
| Dimensions | 246 Series | 8 W x 9.5 H x 6.9 D inches |
| | 256 Series | 9.4 W x 13.2 H x 7.4 D inches |
| Weight | 246 Series | 6.0 lbs. |
| | 256 Series | 8.2 lbs. |

Model 226-001

| | |
|------------|---|
| Enclosure | 1/4 inch thick sand-cast aluminum with protective exterior polyurethane gray finish |
| Dimensions | 13.5 H x 9.7 W x 6.1 D inches |
| Weight | 18 lbs. |

Model 276-001

| | |
|------------|----------------------------------|
| Panel | 14 gauge brushed stainless steel |
| Dimensions | 12 H x 10 W inches |
| Weight | 6.5 lbs. |

Approvals

| | |
|--|----------------|
| Safety of Information Technology Equipment | UL/CSA 60950 |
| Enclosures for Electrical Equipment | UL 50, Type 3R |

47 CFR Part 68

| | |
|----------------------------|-----------------------|
| Certification Number | US: ADGTE10A-46048HAC |
| Ringer Equivalence Number | 1.3B |
| Network connections (USOC) | RJ11 |

IC Information (Canada)

| | |
|---------------------------|----------|
| IC Certification Number | 82211754 |
| Ringer Equivalence Number | 1.3B |
| Connection Method | CA11A |

Pole-Mount Kits

| |
|---|
| 230 Pole-mounting kit for 256 Series |
| 231 Pole-mounting kit for 246 Series |
| 232 Pole-mounting kit for 226 Series |
| 233 Tamper Resistant Screw Driver for 276 Series and 226 Series phones |
| 236YL, 236RD and 236BK: Wall-mount enclosures for surface mounting 276 series |

Option Accessories

| Order Code | Description | Available on Models | | | |
|-----------------------------------|------------------------|---------------------|------------|------------|------------|
| | | 226 Series | 246 Series | 256 Series | 276 Series |
| AC | 15' Armored Cord | STD | * | * | |
| A2 | 29' Armored Cord | | * | * | STD |
| H1 | 15' Hytrel® Cord | | * | | * |
| H2 | 25' Hytrel® Cord | | * | | * |
| SK | Spring Door Return | STD | | * | |
| LD | Keylock Door | * | | * | |
| TR | PCBA Conformal Coating | * | * | * | * |
| Consult Factory For Special Paint | | * | | * | |



GAI-Tronics® - USA Toll Free: 1 (800) 492-1212 Tel: (610) 777-1374 Fax: (610) 796-5954 www.gai-tronics.com

GAI-Tronics® Limited, UK Tel: +44 (0)1283 500500 Fax: +44 (0)1283 500400 www.gai-tronics.co.uk

GAI-Tronics® S.r.l, Italy Tel: +39 02 48601 460 Fax: +39 02 4585 625 www.gai-tronics.it

GAI-Tronics® - Malaysia Tel: +60-3-8945-4035 / 8945-7348 Fax: +60-3-8945-4675

Quality Management Systems Certified - ISO9001:2000

The policy of GAI-Tronics is one of continuous improvement, therefore the company reserves the right to change specifications without notice