TP**9361**
SPECIFICATIONS

Designed for maximum safety in the field and enhanced usability

Intrinsically Safe Tait DMR portables are engineered to operate safely in hazardous environments, ensuring your people have communications they can depend on while they get the job done.

The Tait TP9361 portable provides reliable clear audio when it matters most while providing the benefits of a DMR digital platform.

This intrinsically safe portable offers inbuilt GPS, as well as DMR conventional, DMR trunked, full MPT 1327 and conventional FM operation.

KEY FEATURES

▸ Intrinsically Safe portable designed to meet stringent International safety standards

▸ Future proof multi-mode portable (DMR Tier 2 and Tier 3, MPT 1327 and conventional analog FM)

▸ Provides choice and interoperability using open standard DMR protocol

▸ Supporting worker safety with man down alerts and built in GPS positioning

▸ Internationally recognized color for intrinsic safety

▸ Built to last Tait Tough portables engineered for demanding environments with IP67 rating and exceeding MIL standard specification

▸ Complete package with accessories portfolio

▸ Data Services improve organizational efficiencies

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TP**9361**
SPECIFICATIONS

tait
communications

FEATURES AND BENEFITS*

Future proof multi-mode portable

The Tait TP9361 IS portable operates in 4 modes—DMR Tier 3 and Tier 2, MPT 1327 and conventional analog FM—delivering exceptional functionality and value in one device.

The TP9361 provides:

▶ Roaming between MPT 1327 and DMR Tier 3 trunked networks.
▶ Roaming between Conventional FM and DMR Tier 2 Conventional networks.
▶ Individual calls provide privacy between individuals.
▶ Group calls allow separate teams to communicate amongst themselves without having to listen to irrelevant traffic.
▶ Increased channel capacity with support of up to 2,000 channels.
▶ Analog capability includes Priority and Dual Priority, Editable, Zone and Background Scan.
▶ PSTN dialling allows a user to make phone calls on DMR systems that support telephone interconnect.
▶ Shared menu structure between 9300 terminals.
▶ Trunked operation allows for individual and private calls within designated groups.

Worker safety is ensured with globally recognized Intrinsically Safe ratings systems

The TP9361 portable is designed and tested to meet global IS standards, ensuring safe operation in hazardous environments.

▶ The battery circuitry is fully encapsulated.
▶ The radio circuit has a stored energy limitation, which prevents internal sparking or overheating in the unlikely event of a circuit failure.
▶ Component and conductor spacing and protective coatings prevent short circuits caused by dust or atmospheric contamination.

Internationally recognized IS colour

The TP9300 IS model is made in the internationally recognised blue colour for Intrinsically Safe portables, ensuring instant recognition in the field.

Engineered for demanding environments with IP67 rating

▶ MIL standard specifications for the most rugged applications
▶ IP67 rating for water and dust protection.
▶ 16 key keypad.

▶ 4 programmable function keys including emergency key.
▶ Programmable orange emergency key at base of antenna for ease of location in dark or restrictive environments.
▶ Recessed lens provides screen protection.
▶ Impact protected corners provide shock absorbing protection.
▶ Water shedding grille assists voice clarity and high audio volume is maintained in wet environments.

Complete package with accessories portfolio

▶ Intrinsically Safe audio accessories including speaker-microphones, headsets and earpieces.
▶ Intrinsically Safe Li-Ion battery
▶ Intrinsically Safe compatible battery charger
▶ Data Services improve organizational efficiencies
▶ Integrated GPS ensures that you always know where your workforce is.
▶ Short data messages for location, status and text.
▶ Packet data over traffic channels for work force management, Telemetry, SCADA and customer specific applications.

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TP**9361**
SPECIFICATIONS

GENERAL

Frequency stability	±0.5ppm (-22°F to 140°F / -30°C to 60°C)
Channels/zones	1,000 – 2,000 channels/50 – 100 zones
Talk groups	26 talk group lists comprised of up to 1,000 – 2,000 members each
Scan groups	300 with up to 50 members each, maximum of 2,000 members total
Dimensions (DxWxH) - With Li-Ion 2300 mAh battery	1.77 x 2.56 x 5.35in (45 x 65 x 136mm) excluding knobs
Weight - With Li-Ion 2300 mAh battery	13.93oz (395g) – no antenna, 15.17oz (430g) with IS battery and antenna
Radio Operating temperature range	-20°C to 60°C (-4°F to 140°F) [T]
Water and dust protection	IP67
ESD rating	+/- 4kV contact discharge and +/-8kV air discharge
Frequency increment/channel step	2.5/3.125/5/6.25kHz
Digital protocol	DMR: ETSI TS 102 361
Signalling options (Analog)	MDC1200, encode and decode, Two tone decode, PL (CTCSS), DPL (DCS). Selcall (5 - tone)
Vocoder type	AMBE +2™
Packet Data	½ Rate, ¾ Rate, Full rate, Single Slot

[T] Subject to Compliance, Ambient Temperature: T4 -20°C < Ta < +50°C, T3 -20°C < Ta < +60°C

TRANSMITTER

Frequency band	VHF	UHF	700/800MHz
Transmit Frequency Range	136-174 MHz	380-470 MHz	762-870 MHz
Output power (IIA) Output power (IIC)	5W, 3W, 2W, 1W 1W	4W, 2.5W, 2W, 1W 1W	2.5W, 2W, 1W 1W
FM Transmit Deviation (12.5kHz / 25kHz channels) *	2.5 / 5kHz	2.5 / 5kHz	2.5 / 5kHz

FM hum and noise (analog)
    12.5kHz channel
    25kHz channel
	-40dB
	-45dB
		-40dB
		-45dB
			-40dB
			-45dB

Conducted/radiated emissions	-36dBm <1GHz, -30dBm >1GHz	-36dBm <1GHz, -30dBm >1GHz	-20dBm
Audio response	+1/-3dB	+1/-3dB	+1/-3dB
Audio distortion (Analog)	2.5%	2.5%	2.5%

* Wideband operation subject to FCC regulations

RECEIVER

	VHF	UHF	700/800 MHz
Receive Frequency Range	136-174 MHz	380-470 MHz	762-776 & 850-870 MHz
Channel Spacing *	6.25/12.5/25kHz	6.25/12.5/25kHz	6.25/12.5/25kHz
Analog Sensitivity 12dB SINAD	-120dBm (0.22 μV)	-120dBm (0.22 μV)	-120dBm (0.22 μV)
Digital Sensitivity (PDMR) 5% BER	-119dBm (0.25 μV)	-119dBm (0.25 μV)	-119dBm (0.25 μV)
Intermodulation rejection (TIA603D)	75dB	75dB	75dB
Intermodulation rejection (ETS 300)	65dB	65dB	65dB
Selectivity (Analog) TIA603D (2 Tone)	12.5kHz: 50dB 25kHz: 70dB	12.5kHz: 50dB 25kHz: 70dB	12.5kHz: 50dB 25kHz: 70dB
Selectivity (Analog) ETS 3000-086 & TIA603C 1 Tone	12.5kHz: 52dB 25kHz: 73dB	12.5kHz: 50dB 25kHz: 70dB	12.5kHz: 60dB 25kHz: 70dB
FM hum and noise (Narrowband / Wideband)	-40dB / -45dB	-40dB / -45dB	-40dB / -45dB
Spurious Rejection (TIA603D)	70dB	70dB	70dB
Conducted Emissions (TIA603D)	70dB	70dB	70dB
Rated Audio (Internal)	0.5W	0.5W	0.5W
Audio Response (TIA603D)	+1/-3dB	+1/-3dB	+1/-3dB
Audio Distortion (Rated audio)	2%	2%	2%

* Wideband operation subject to FCC regulations

CHARGER AND BATTERY

Charger options (Li-Ion)	IS compatible desktop single charger.
Battery shift life (DMR mode, standard config)	Li-Ion 2300 mAh 15 hours (5/5/90)
Battery shift life (Analog Mode, standard config)	Li-Ion 2300 mAh 11.5 hours (5/5/90)

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MILITARY STANDARDS 810C, D, E, F AND G

Applicable MIL-STD Method	Method	Procedure
Low pressure	500.5	2
High temperature	501.5	1,2
Low temperature	502.5	1,2
Temperature shock	503.5	1
Solar radiation	505.5	1
Rain	506.5	1,3
Humidity	507.5	2
Salt fog	509.5	1
Dust	510.5	1
Immersion	512.5	1
Vibration	514.6	1
Shock	516.6	1,4,5,6

INTENDED REGULATORY DATA

	USA	Canada	Europe	Australia/New Zealand
VHF (136-174MHz)	CFR 47	RSS-119	EN300-086, EN300-113, EN300-219, EN300-489, EN60950.	AS/NZ4295
UHF (380-470MHz)	CFR 47	RSS-119	EN300-086, EN300-113, EN300-219, EN300-489, EN60950	AS/NZ4295
800 MHz	CFR 47	RSS-119	NA	NA

INTENDED IS COMPLIANCE *

	Output Power	USA	Brazil	Canada	Europe	Australia/NZ
VHF (136-174MHz)	1-5 W	Class I Zone 1 AEx ib llA T4...T3 Gb Class I Div 2 Group D		Class I Zone 1 Ex ib llA T4...T3 Gb	ll 2 G Ex ib llA T4...T3 Gb	Ex ib llA T4...T3 Gb
	1 W	Class I Zone 1 AEx ib llC T4...T3 Gb		Class I Zone 1 Ex ib llC T4...T3 Gb	ll 2 G Ex ib llC T4...T3 Gb	Ex ib llC T4...T3 Gb
UHF (380-470MHz)	1-4 W	Class I Zone 1 AEx ib llA T4...T3 Gb Class I Div 2 Group D		Class I Zone 1 Ex ib llA T4...T3 Gb	ll 2 G Ex ib llA T4...T3 Gb	Ex ib llA T4...T3 Gb
	1 W	Class I Zone 1 AEx ib llC T4...T3 Gb		Class I Zone 1 Ex ib llC T4...T3 Gb	ll 2 G Ex ib llC T4...T3 Gb	Ex ib llC T4...T3 Gb
800MHz	1-2.5 W	Class I Zone 1 AEx ib llA T4...T3 Gb Class I Div 2 Group D	Ex ib llA T4...T3 Gb	Class I Zone 1 Ex ib llA T4...T3 Gb		Ex ib llA T4...T3 Gb
	1W	Class I Zone 1 AEx ib llC T4...T3 Gb	Ex ib llC T4...T3 Gb	Class I Zone 1 Ex ib llC T4...T3 Gb		Ex ib llC T4...T3 Gb

* Ambient Temperature: T4 -20°C < Ta < +50°C, T3 -20°C < Ta < +60°C
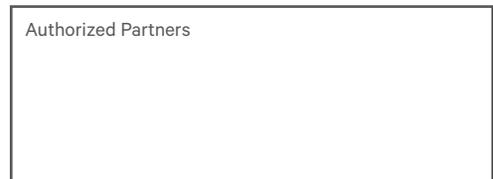Level of compliance subject to approval

TAIT DMR SOLUTION

Backed up by our proven radio network expertise, the TP9300 is part of our larger DMR offering. The Tait DMR solution consists of terminals, infrastructure, applications, services and integration with third party interfaces to ensure that your organization can reap all the benefits of the spectrally-efficient DMR standard in a mission critical environment.

Authorized Partners

Tait Limited facilities are certified for ISO 9001:2008 (Quality Management System), ISO 14001:2004 (Environmental Management System) and ISO 18001:2007 (Occupational Health and Safety Management System) for aspects associated with the design, manufacture and distribution of radio communications and control equipment, systems and services. In addition, all our Regional Head Offices are certified to ISO 9001:2008

TÜVRheinland ® CERTIFIED

Management System 94/9/EG IECEx-Scheme Valid until: 2018-08-26 www.tuv.com ID 9105085382

Environment ISO 14001

Environment ISO 14001

HEALTH+SAFETY OHSAS 18001

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GAI-TRONICS®

Rugged Telephones

GAI-TRONICS, a Hubbell Company, has been the leading manufacturer in the rugged communications industry for more than 70 years. Oil rigs, power plants, nuclear and chemical facilities, paper mills, amusement and water parks, and even hotels all over the world have relied on our communication products to increase the productivity and safety of their personnel and the general public. To this end, GAI-TRONICS is committed to providing the highest quality products and services at competitive prices. With this commitment, we are pleased to present our line of rugged, industrial-grade telephones.

GAI-TRONICS Rugged Telephone products are designed for use in rugged and harsh environments, with some models specifically intended for use in hazardous areas. Their rugged packaging, combined with operational reliability, offers a premier solution for nearly any communication application. Rugged cast aluminum enclosures for use in abusive areas, non-metallic or stainless steel for use in corrosive atmospheres, and conformal electronics coating for use in high humidity applications are standard across the line. Each telephone includes a non-moveable cradle, a vandal-resistant handset with hearing aid compatible receiver, a noise-cancelling microphone, and either a Hytrel® (heavy-duty, memory retaining) coiled cord or armored cord. Models are available in standard analog, SMART analog, or VoIP formats.
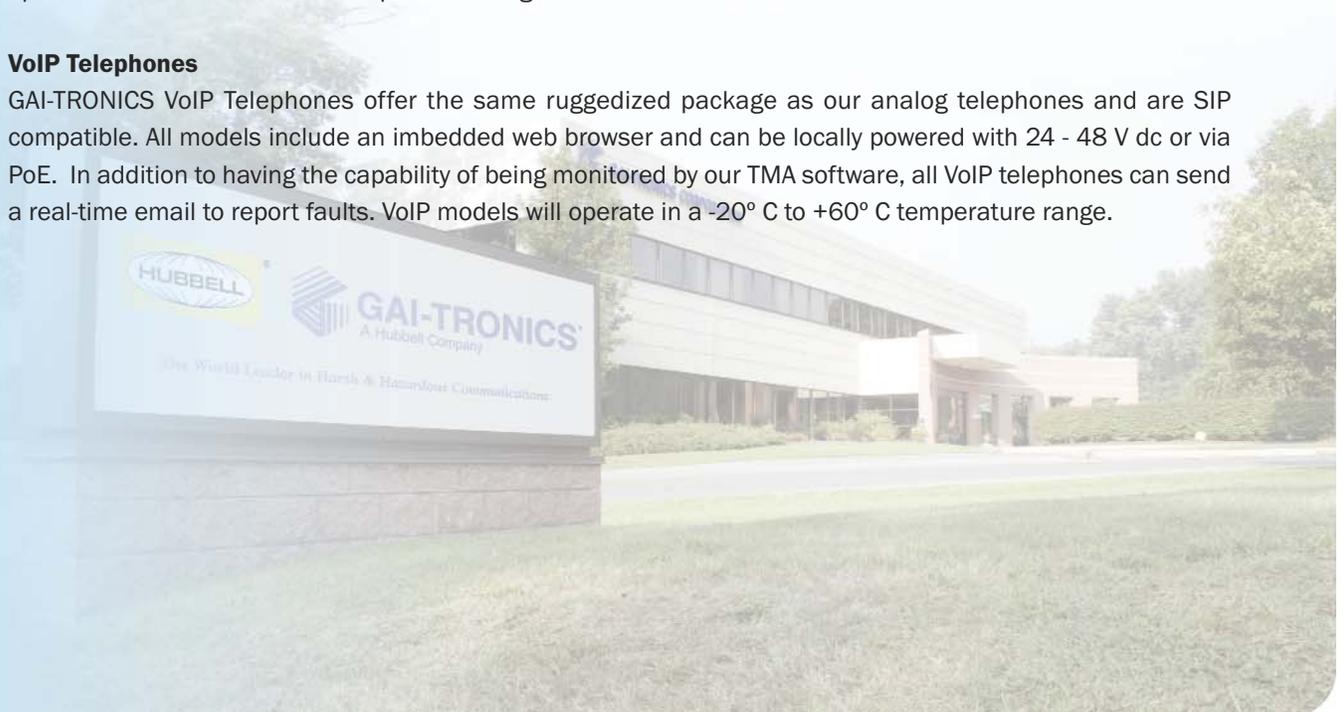
Standard Analog Telephones

Commonly known as POTS (Plain Old Telephone System) telephones, GAI-TRONICS standard analog telephones offer a highly reliable and rugged solution for use on a Central Office (C.O.) line to the Public Switched Telephone Network (PSTN) or a station port of a Private Branch Exchange (PBX), Private Automatic Branch Exchange (PABX), or Key Service Unit (KSU). All models are line powered and will operate in a -40º C to +60º C temperature range.

SMART Analog Telephones

SMART (Self-Monitoring And Reporting Technology) Telephones are also line powered and operate on the same networks as our standard analog telephones. SMART telephones include the ability to be monitored via software installed at a central PC location. GAI-TRONICS TMA (Telephone Management Application) software will poll each telephone to obtain health and usage status. This is a valuable maintenance tool in larger systems as a report is generated on a scheduled basis to notify maintenance personnel of stuck buttons, handset integrity, line integrity, and microprocessor health. SMART Telephones also include configurable auto-dial numbers, call termination methods, maximum call duration, and answering options. SMART models will operate in a -20º C to +60º C temperature range.

VoIP Telephones

GAI-TRONICS VoIP Telephones offer the same ruggedized package as our analog telephones and are SIP compatible. All models include an imbedded web browser and can be locally powered with 24 - 48 V dc or via PoE. In addition to having the capability of being monitored by our TMA software, all VoIP telephones can send a real-time email to report faults. VoIP models will operate in a -20º C to +60º C temperature range.

Rugged Handset Telephones

226 and 227 Series (NEMA 3R)

Rugged Telephones – Tough Phone

The Tough Phone series was developed for public and rugged areas requiring a virtually indestructible telephone. Housed in a 1/4-inch thick, sand-cast aluminum, weatherproof enclosure and coated with an exterior polyurethane finish, our Tough Phones fit the bill. Standard features include a spring return door, 15-inch lanyard armored cord, proximity metallic non-moveable hook-switch and tamper resistant hardware. SMART models include the ability to be centrally monitored for failures via our TMA software. VoIP Telephones are SIP compatible and are suitable for use with Cisco UCM (CallManager) Version 5.0 or newer.

Analog Models

226-001	Analog Keypad Tough Phone
226-005	SMART Keypad Tough Phone
227-001	Analog Auto-dial Tough Phone
227-005	SMART Auto-dial Tough Phone

VoIP Model

226-700	VoIP Tough Phone with Keypad
227-700	VoIP Auto-dial Tough Phone

Options

LD	Keylock Door
H6	6 Ft. (extended) Hytrel® Cord Option

24x Series

Rugged Telephones – Indoor

This indoor series telephone is constructed of a high-impact, non-metallic enclosure with an industrial strength, six-foot (extended) Hytrel® handset cord. SMART models include the ability to be centrally monitored for failures via our TMA software. VoIP Telephones are SIP compatible and are suitable for use with Cisco UCM (CallManager) Version 5.0 or newer.

Analog Models

246-001	Analog Keypad Indoor Telephone
246-005	SMART Keypad Indoor Telephone
247-001	Analog Auto-dial Indoor Telephone
247-005	SMART Auto-dial Indoor Telephone

VoIP Model

246-700	VoIP Indoor Telephone with Keypad
247-700	VoIP Auto-dial Indoor Telephone

Options

AC	15" Armored Handset Cord
A2	29" Armored Handset Cord
H1	15 Ft. (extended) Hytrel® Cord Option
H2	25 Ft. (extended) Hytrel® Cord Option

25x Series (NEMA 3R)

Rugged Telephones – Outdoor

This outdoor series telephone includes a latching door and is constructed of a high-impact, non-metallic enclosure with an industrial strength, six-foot (extended) Hytrel® handset cord. SMART models include the ability to be centrally monitored for failures via our TMA software. VoIP Telephones are SIP compatible and are suitable for use with Cisco UCM (CallManager) Version 5.0 or newer.

Analog Models

256-001	Analog Keypad Outdoor Telephone
256-005	SMART Keypad Outdoor Telephone
257-001	Analog Auto-dial Outdoor Telephone
257-005	SMART Auto-dial Outdoor Telephone

VoIP Model

256-700	VoIP Outdoor Telephone with Keypad
257-700	VoIP Auto-dial Outdoor Telephone

Options

SK	Spring Door Kit
LD	Keylock Door
AC	15" Armored Handset Cord
A2	29" Armored Handset Cord

Rugged Handset/Hands-free Telephones

270 Series (NEMA 3R)

Standard Rugged Telephones – Flush-mount

The 276 series telephone is designed to flush or surface mount (using 236 series enclosure). This unit has a brushed stainless steel faceplate with a metallic non-moveable hookswitch. Standard equipment also includes a 29-inch lanyard armored cord and tamper resistant hardware. SMART models include the ability to be centrally monitored for failures via our TMA software. VoIP Telephones are SIP compatible and are suitable for use with Cisco UCM (CallManager) Version 5.0 or newer.

Analog Models
276-001   Analog Keypad Flush-mount Telephone
276-005   SMART Keypad Flush-mount Telephone
277-001   Analog Auto-dial Flush-mount Telephone
277-005   SMART Auto-dial Flush-mount Telephone

VoIP Model
276-700   VoIP Flush-mount Telephone with Keypad
277-700   VoIP Auto-dial Flush-mount Telephone

Options
H1   15 Ft. (extended) Hytrel® Cord Option
H2   25 Ft. (extended) Hytrel® Cord Option

210 Series

Corridor Telephone

The corridor telephone offers standard line-powered telephone operation in a rugged, stainless steel package. Its volume-control handset includes a 29-inch, swivel armored cord and the microphone and earpiece are non-accessible. The 210-00x projects less than 4-inches from the mounting surface making it ADA-compliant for corridor installation.

Model
210-001   Analog Corridor Telephone
210-002   Analog Corridor Telephone, Div. 2 Approved
210-003   Analog Corridor Telephone, Auto-dial

295 Series Clean Phone®

Clean Room Telephones

The Clean Phone® unit's hands-free operation is ideal for clean room or sterile environments. The visual graphics are printed on the reverse side of the overlay to prevent particulate shedding and to ensure longevity. All Clean Phone models are compatible with GAI-TRONICS' Telephone Management Application (TMA) Software. SMART models include the ability to be centrally monitored for failures via our TMA software. VoIP Telephones are SIP compatible and are suitable for use with Cisco UCM (CallManager) Version 5.0 or newer.

Analog Models
295-001F   Clean Phone®, Flush-mount
295-001W   Clean Phone®, Wall-mount

VoIP Models
295-702F   VoIP Clean Phone®, Flush-mount
295-702W   VoIP Clean Phone®, Wall-mount

NEMA 4X Rugged Handset Telephones

354-001 & 354-700 Series (NEMA 4X)

354-701 Series (NEMA 4X)

Rugged Telephone – NEMA 4X

GAI-TRONICS Model 354 series NEMA 4X Analog and VoIP Rugged Telephones are designed for use in extreme weather conditions where temperature and moisture are a concern. They are also ideal for use in areas that require a direct water spray (hose-down) for cleaning purposes or where a non-corrosive material is required. Standard feature includes a 6-ft Hytrel Cord. Compatible with TMA (Telephone Management Aplication) Software.

Analog (Keypad)

354-001	Analog NEMA 4X Rugged Telephone, Gray, Keypad
354-001YL	Analog NEMA 4X Rugged Telephone, Yellow, Keypad
354-001OR	Analog NEMA 4X Rugged Telephone, Orange, Keypad
354-001RD	Analog NEMA 4X Rugged Telephone, Red, Keypad

VoIP (Keypad)

354-700	VoIP NEMA 4X Rugged Telephone, Gray, Keypad
354-700YL	VoIP NEMA 4X Rugged Telephone, Yellow, Keypad
354-700OR	VoIP NEMA 4X Rugged Telephone, Orange, Keypad
354-700RD	VoIP NEMA 4X Rugged Telephone, Red, Keypad

VoIP (Auto-dial)

354-701	VoIP NEMA 4X Rugged Telephone, Gray, Auto-dial
354-701YL	VoIP NEMA 4X Rugged Telephone, Yellow, Auto-dial
354-701OR	VoIP NEMA 4X Rugged Telephone, Orange, Auto-dial
354-701RD	VoIP NEMA 4X Rugged Telephone, Red, Auto-dial

Options

LD	Keylock Door
SK	Spring Door Kit
H1	15" Armored Handset Cord
AC	29" Armored Handset Cord

**354-001YL &
354-70xYL**

**354-001OR &
354-70xOR**

**354-001RD &
354-70x RD**

TMA (Telephone Management Application) Ordering Information:

Model No.	Description:
12509-044	TMA for VoIP only (includes security key and software flash drive

Rugged Handset Telephones

CE Compliant - Commander Telephone

The Commander family of telephones are tough, weather resistant units built to withstand abuse and environmental extremes. The telephone body is molded in glass-filled polyester to prevent rust and corrosion. It is easy to install with mounting hardware concealed from view, providing increased security from vandalism. The Commander is weather-rated to IP65 and is CE compliant. Models are available in analog, analog SMART, VoIP, and GSM formats. Features include desk or wall mounting, large tactile buttons, inductive coupler (hearing aid compatibility), TMA (SMART) compatibility, and armored cord.

Analog Models

028-02-2840-602	Auto-dial, 0-button
620-D212112112C	Auto-dial, 3-button
620-A221422122E	18-button (keypad with memory buttons)

SMART Analog Models

227-02-0000-212	Auto-dial, 0-button
227-02-0003-212	Auto-dial, 3-button
227-02-000J-212	Auto-dial, 18-button

VoIP (Auto-dial)

111-02-0010-202	Auto-dial, 0-button
111-02-0013-202	Auto-dial, 3-button
111-02-001J-202	18-button (keypad with memory buttons)

GSM - Commander 3G

The Commander 3G combines cellular connectivity and an internal battery backup to provide a completely wireless communication solution in an IP65, non-metallic housing. The Commander 3G can be remotely programmed and will perform health-check and fault diagnostics, including handset integrity, and report via SMS (texting). Approved for use on AT&T GSM network and CE compliant.

Models

231-02-3030-212	Auto-dial, 0-button
231-02-3033-212	Auto-dial, 3-button
231-02-303J-212	18-button (keypad with memory buttons

Rugged Handset Telephones

CE Compliant - Titan

Titan's aluminum body is robust and designed to last longer in hostile outdoor environments. Along with weather and vandal resistance, the Titan meets the acoustic performance, reliability, and varying applications demanded by today's markets. It is easy to install with mounting hardware concealed from view, providing increased security from vandalism. Cable entries are via water-tight glands while pushbuttons are weather sealed. Its spring-loaded door also gives extra weather protection to the telephone. Models are available in analog, analog SMART, VoIP, and GSM formats. Features include desk or wall mounting, large tactile buttons, inductive coupler (hearing aid compatibility), TMA (SMART) compatibility, and armored cord.

Analog Models
028-02-2830-652	Auto-dial, 0-button
2000G2B11111E1C	Auto-dial, 3-button
2000A2B2111A2A	18-button (keypad with memory buttons)

SMART Analog Models
226-02-0000-222	Auto-dial, 0-button
226-02-0003-222	Auto-dial, 3-button
226-02-000J-222	Auto-dial, 18-button

VoIP (Auto-dial)
110-02-1010-222	Auto-dial, 0-button, U.S. Version
110-02-1013-222	Auto-dial, 3-button, U.S. Version
110-02-101J-222	18-button (keypad with memory buttons), U.S. Version

GSM-R Titan

The Titan GSM combines cellular connectivity and an internal battery backup to provide a completely wireless communication solution in an IP65, non-metallic housing. The Titan GSM can be remotely programmed and will perform health-check and fault diagnostics, including handset integrity, and report via SMS (texting). **For use on a 2G network only.**

Models
230-02-0000-222	Auto-dial, 0-button
230-02-0003-222	Auto-dial, 3-button
230-02-000J-222	18-button (keypad with memory buttons

226-002 (NEMA 3R)

Division 2 Telephones – Tough Phone

The Div. 2 Tough Phone is designed for use in a Div. 2 hazardous area requiring a virtually indestructible telephone. Housed in a 1/4-inch thick, sand-cast aluminum, weatherproof enclosure and coated with an exterior polyurethane finish, our Tough Phones fit the bill. Standard features include a spring return door, 15-inch lanyard armored cord, proximity metallic non-moveable hook-switch and tamper resistant hardware; designed for operation within a temperature range of -40° C (-40° F) to +60° C (140° F).

Model
226-002   Division 2 Tough Phone

Options
LD   Keylock Door
H6   6 Ft. (extended) Hytrel® Cord Option

341-001

Division 2 Telephones – Indoor

The Div. 2 indoor telephone is constructed of a high-impact non-metallic enclosure with industrial strength, six-foot (extended) Hytrel® handset cord; designed for operation within a temperature range of -40° C (-40° F) to +60° C (140° F).

Model
341-001   Division 2 Indoor Telephone

Options
AC   15" Armored Handset Cord
A2   29" Armored Handset Cord
H1   15 Ft. (extended) Hytrel® Cord Option
H2   25 Ft. (extended) Hytrel® Cord Option

351-001 (NEMA 3R)

Division 2 Telephone – Outdoor

The Div. 2 outdoor telephone is constructed of high-impact, non-metallic enclosure that is rated NEMA 3R weatherproof. Standard features also include a latching door and handset with industrial strength, 6-foot (extended) handset cord; designed for operation within a temperature range of -40° C (-40° F) to +60° C (140° F).

Model
351-001   Division 2 Outdoor Telephone

Options
LD   Keylock Door
SK   Spring Door Kit
AC   15" Armored Handset Cord
A2   29" Armored Handset Cord
H1   15 Ft. (extended) Hytrel® Cord Option

352 Series
(NEMA 4X)

UL / cUL Class I Division 1 Telephones

GAI-TRONICS' 352, the world's first UL Class I Division 1 VoIP telephone, is also available in standard analog or SMART configurations. All models are UL approved to Class I Division 1 Groups B, C, & D, Class II Groups F & G and Class III, Type 4X, and ABS Type Approved. SMART models include the ability to be centrally monitored for failures via our TMA software. VoIP Telephones are SIP compatible and are suitable for use with Cisco UCM (CallManager) Version 5.0 or newer.

Analog Models

352-001	Analog Handset
352-101	SMART Handset
352-002	Analog with ring relay
352-102	SMART with ring relay
352-103	Analog with Headset

VoIP Model

352-701	VoIP Handset

272-001
Outdoor Telephone
(NEMA 4X)

UL / cUL Class I Division 1 Telephones – Intrinsically-Safe

Intrinsically-Safe Telephones are for use in chemical plants, refineries, grain elevators and any other environment where volatile gases and dust are a major consideration. Housed in durable non-metallic enclosure for indoor or outdoor applications, GAI-TRONICS Intrinsically-Safe Telephones are the safest and most economical communication solution in hazardous environments.

Models

261-001	Indoor Intrinsically Safe Telephone and Isolation Barrier Unit
271-001	Outdoor Intrinsically Safe Telephone and Isolation Barrier Unit

Rack Barrier Components (optional)

Systems with multiple I.S. telephones may be designed for central location of the Isolation Barrier circuitry utilizing rack barrier components. Please note that a card rack cage will accommodate up to 10 line cards. One line card is required for each telephone.

265-001	Line Card
266-001	Power Supply
267-001	Card Cage
268-001	Patch Panels

262-001
Indoor
Telephone

263-001
Isolation Barrier Unit

ATEX / IECEx Hazardous Area Certified

The Auteldac 4/5 telephones are ATEX and IECEx approved, weather resistant units, designed to withstand arduous industrial atmospheres and environmental extremes. Certified for safe operation in hazardous areas, the Auteldac series' carbon loaded glass filled polyester enclosure eliminates risk of rust and corrosion. They are easy to install with mounting hardware concealed from view, providing increased security from vandalism. Both Auteldac model series are weather-rated to IP66 and are CE compliant. The Auteldac 5 (A5) series represents the analog models and the Auteldac 4 (A4) series represents the VoIP models. All models include noise-cancelling microphone circuits.

Analog Models (Auteldac 5)

212-02-5020-400	A5, 0-button Auto-dial, 320 mm Curly Cord
212-02-5020-410	A5, 0-button Auto-dial, 320 mm Curly Cord, w/Headset Jack
212-02-5020-B00	A5, 0-button Auto-dial, 745 mm Armored Cord
212-02-5020-B10	A5, 0-button Auto-dial, 745 mm Armored Cord w/Headset Jack
212-02-5028-400	A5, 18-button, 320 mm Curly Cord
212-02-5028-410	A5, 18-button, 320 mm Curly Cord, w/Headset Jack
212-02-5028-B00	A5, 18-button, 745 mm Armored Cord
212-02-5028-B10	A5, 18-button, 745 mm Armored Cord w/Headset Jack

VoIP (Auteldac 4)

212-02-7000-001	A4, 0-button Auto-dial, 320 mm Curley Cord
212-02-7000-010	A4, 0-button Auto-dial, 745 mm Armored Cord
212-02-7008-001	A4, 18-button, 320 mm Curley Cord
212-02-7008-010	A4, 18-button, 745 mm Armored Cord
212-02-7008-201	A4, 18-button, 320 mm Curly Cord, w/Headset Jack
212-02-7008-202	A4, 18-button, 1.5 m Curly Cord, w/Headset Jack
212-02-7008-612	A4, 18-button, 745 mm Armored Cord, w/Headset Jack

Headset and Extension Cord (A5 only)

100-02-0598-001	Headset and Plug for A5 with headset jack
610-35-2036-001	Extension Cord for Headset

Rugged Telephone Enclosures

Enclosures 255-003 Series (NEMA 4X)

255-003

255-003YL

255-003OR

255-003RD

Rugged Telephone Enclosure

GAI-TRONICS offers a full line of Rugged Telephone Enclosure to protect telecommunications equipment in very harsh environments. These durable non-metallic enclosures are resistant to weather and corrosive chemicals.

Models

255-003	Enclosure with Modular Telephone Jack, Gray
255-003YL	Enclosure with Modular Telephone Jack, Yellow
255-003OR	Enclosure with Modular Telephone Jack, Orange
255-003RD	Enclosure with Modular Telephone Jack, Red

Options

SK	Spring Door Return
LD	Keylock Door
HP	Hasp Lock Hardware

238-001

Stainless Steel Surface-mount Enclosure

Provides surface-mounting for the 270 Series and Flush-mount Telephones

Model

238-001 Stainless Steel Wall-Mount Enclosure

238-001FS

Stainless Steel Wall-mount Enclosure

Provides surface-mounting for Compact series telephones.

Model

238-001FS Stainless Steel Enclosure

Accessories

Enclosures

236 Series

Surface-mount Enclosures with Hood
Provides surface-mounting for the 270 Series and Flush-mount Telephones

Models
236-001YL Yellow
236-001BK Black
236-001RD Red

Model 234WM-202

Elite Wall-mount Communication Station - Model 234WM-202
Accommodates 270 Series Flush-mount Telephones and the 540-001 Strobe

Features
- UL/cUL Listed for Indoor Installations
- Bright Safety Yellow, Powder Coat Epoxy Finish
- Custom Colors and Graphics Available
- Emergency Graphics - Standard
- ADA Compliant (telephone mounting height)
- 10 W x 9.5 D x 40.5 H (inches), 1/8-inch Aluminum Construction
- Approximate Shipping Weight 50 lbs.
- Includes Panel Light and Protective Safety Glass (Strobe Protection)
- Power Rating
   - LED Phone Panel Light; 0.2 amps @ 120 V ac
   - LED Strobe; 0.39 amp@ 120 V ac

Accessories

Strobes

540-001

Model
540-001   Constant-on/Flash LED Strobe; Weatherproof Rated, UL/cUL Listed, 240 fpm
- Rated LED Life: up to 10,000 hours
- 7.00"H x 6.50"W
- 120 V ac

531A

Model
531A   24 V dc Strobe; NEMA 3R Weatherproof Rating, UL/cUL Listed

Notes:
- Can be used with standard analog telephones when "off-hook" notification is required
- Can be used with SMART and VoIP telephones for a variety of programmable uses.

Mounting Kits and Tools

Models
230-001   Pole Mounting Kit for 256/257 Series, 351-001, and 272-001 Surface-mount Telephones
231-001   Pole Mounting Kit for 246/247 Series, 341-001, and 262-001 Surface-mount Enclosures and Telephones
232-001   Pole Mounting Kit for 226/227 Series Surface-mount Telephones
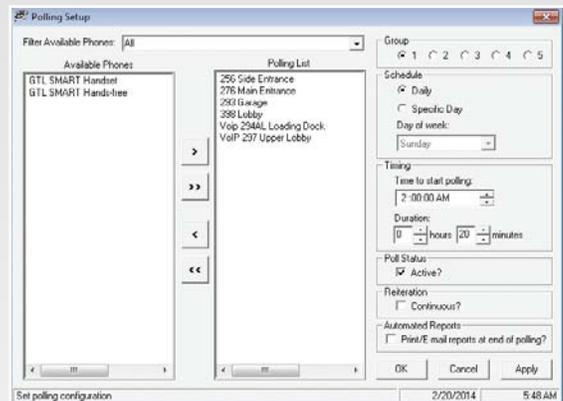**233-001**   Tamperproof Screwdriver (required for some installations)

Telephone Management Application (TMA)

TMA is a maintenance data-collection and reporting tool that allows users to view and report the health of SMART telephones. The software application is compatible with Windows XP®, Windows 7®, and Windows 8® and is intended for use on a dedicated PC. The Graphical User Interface provides a visual indication of each telephone's status and activity. TMA can be programmed to provide an audible alert or send an email if a fault condition exists. Many features of TMA are completely user-configurable to provide maximum flexibility.
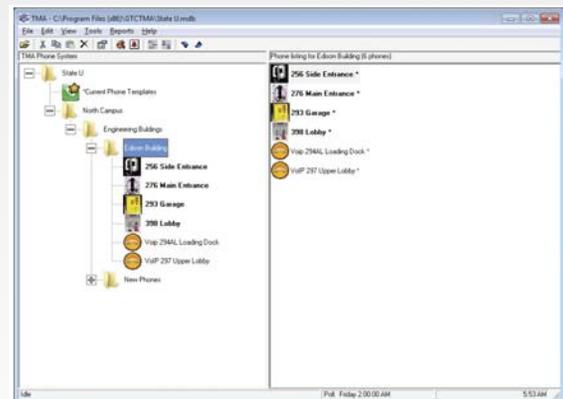
TMA is capable of monitoring both analog, VoIP, and our Commander 3G GSM telephones in the same system. In an Analog telephone system, TMA will support up to eight (8) line inputs, allowing eight different telephones to be polled simultaneously. This is important in larger systems as data collection may take as much as 90 seconds per telephone to complete. A transceiver is required for each telephone line input. One transceiver is included in both the basic TMA package and the expansion kit. No transceiver is required for VoIP systems. VoIP telephones are not monitored simultaneously but the speed at which data is collected is 20 seconds per telephone, approximately four (4) times faster than an analog system (similar to an analog system with four transceivers installed). The Commander 3G Telephone will transmit status information via SMS format (text).

Initial programming of unit-specific data is easily accomplished and just as easy to make changes, additions, and deletions. The screenshot (pictured at right) identifies the programming screen where the desired polling functions are set-up.

TMA is designed to monitor individual analog telephones, each on a dedicated analog telephone line. This allows the polling process to take place, with each telephone automatically answering when accessed for data retrieval. If two telephones are required to share a single analog line, each unit will be required to "call in" rather than being polled (programmable). Successfully sharing a line depends on the quality of the line. Insufficient line current with more than one telephone going off hook simultaneously can cause a call to be dropped completely. This is obviously not an issue with VoIP telephones since they all share the same Ethernet backbone.

The screenshot to the right provides a visual indication of the system "tree", listing all components as a specific icon with their associated location. Various reports, such as a Basic Summary Report (directly above the system tree screenshot), are available to provide status and history information as required by the operation. In addition to telephone health information, TMA can provide call activity reports that can prove useful when investigating occurrences.

Ordering Information:

Model No.	Description:
12509-042	TMA Package (includes transceiver, security key, interface cables, and software flash drive); supports both analog and VoIP telephones
12509-043	TMA Expansion Kit (includes transceiver, interface cables, and software flash drive); required for adding an additional analog telephone line
12509-044	TMA for VoIP only (includes security key and software flash drive)
12509-047	TMA for Commander 3G GSM Telephones (includes security key, modem and software flash drive)

Custom Products

GAI-TRONICS takes great pride in its ability to meet the functional communication needs and desires of our customers. A large portion of our business relates to custom products designed outside of our normal product parameters. This could be as simple as a custom logo, labeling, or color to as complex as a one-off telephone designed to meet a customer specification.

Telephones
GAI-TRONICS' Telephones can be custom-produced for non-standard functionality or interfaced to peripheral circuitry. Examples include:
- Embedded CCTV Camera
- Custom Replacement / Retrofit
- Custom Packaging

Please contact the factory at 1-800-492-1212, prompt no. 1, or customerservice@gai-tronics.com for additional information about our custom product capabilities or to discuss your particular application.

Services

Selecting SMART Industrial Telephones or VoIP Industrial Telephones is obviously a smart choice. To make this choice even smarter, consider allowing GAI-TRONICS to remotely program, monitor, and/or maintain your TMA software application. In addition to providing normal business hour telephone support at no charge, the following additional charge services are available:

Remote Programming Service (SMART Telephones Only) – Factory technicians remotely perform all the programming requirements to set up your SMART telephones. A CD copy of the newly created TMA database will be provided upon completion of the programming, for installation on the local Personal Computer.

Remote Monitor – The TMA system is remotely monitored by GAI-TRONICS to provide reporting of failed units, monthly maintenance activity, and call log activity. Customer will provide replacement telephones from local inventory and labor.

Remote Monitor with Advance Replacement – In addition to the Monitor Service, GAI-TRONICS will stock necessary replacement inventory and ship pre-programmed replacement units for next business day delivery.

Remote Monitor with On-Site Maintenance Replacement – This is the highest level of service offered. In addition to the Monitor Service, any reported failure will be made operational by the end of the next business day. A trained, fully-authorized technician will perform these tasks on-site.

Emergency help line support available with all service programs at an additional charge – 24 hours per day, 365 days a year.

Please contact our Service Department at 1-800-492-1212, prompt no. 2, or service@gai-tronics.com for additional information.

Contact your sales
representative or call
our toll-free sales
hotline for further
information at
1-800-492-1212.

Visit our website at
www.gai-tronics.com

Quality Management System Certified
by DNV-GL - ISO 9001:2015

GAI-TRONICS® HUBBELL

PAGE/PARTY® Solutions

GAI-Tronics Page/Party® communication systems provide paging and party-line capabilities... two important plant communication functions in one durable, easy-to-operate package.

STATIONS

- Indoor
- Outdoor
- Hazardous Area (DIV 1 / Zone 1)
- Desktop
- Flush-Mount
- Deskedge
- Portable

Page/Party® Systems

GAI-Tronics Page/Party® communication systems provide paging and party-line capabilities... two important plant communication functions in one durable, easy-to-operate package. Through the page function - with proper speaker placement - individuals can be contacted anywhere in your facility. For further communication, the party line function allows two or more people to converse without being heard over the speakers.
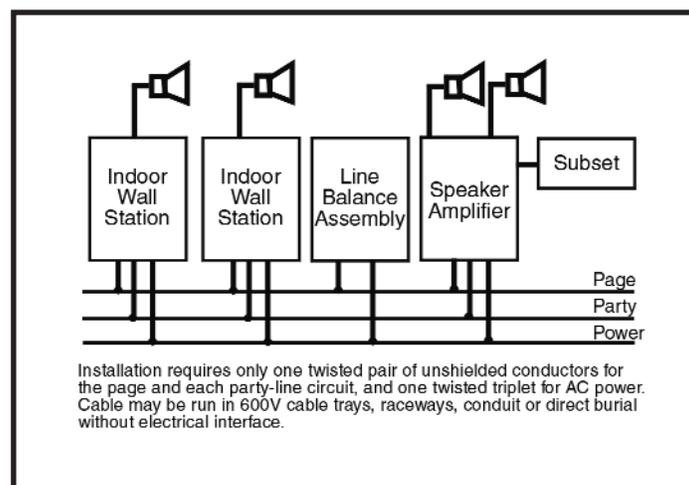
GAI-Tronics offers two variations of the Page/Party® system: Page/Single-Party (with one party line), or Page/Multi-Party (with five party lines for up to five simultaneous two-way conversations). Operation is simple: the user lifts the station handset and depresses the page button. Speaking directly into the handset, the user announces his page. The responding individual(s) lifts the handset of their nearest Page/Party® station for telephone-type, duplex communication over the party line. Up to ten individuals may engage in conversation on each party line.

We offer headsets for use with indoor/outdoor wall stations that include auxiliary jack receptacles. In addition, indoor/outdoor speaker amplifiers (without handsets) are available for powering speakers where handset stations are not required. Finally, desktop, flush-mount and desk-edge stations are also available to satisfy your particular requirements. These models include cable for connection between the subset and a remote-mounted amplifier.

The GAI-Tronics Page/Party® System is a distributed amplifier system. Each indoor, outdoor, or hazardous area wall station contains a power amplifier for driving speakers. This configuration offers a major advantage: when an amplifier is removed, only the associated speaker is inoperable; all other system speakers will continue to broadcast pages.

All Page/Party® station amplifiers are electronically paralleled, and systems may be expanded by extending cable from the nearest amplifier or junction box. A single resistance load is required for each page and party line circuit to establish line impedance and minimize effects of stray induced hum or noise signals. For ease of adjustment, a GAI-Tronics line balance assembly should be placed near the center of the system.

Installation requires only one twisted pair of unshielded conductors for the page and each party-line circuit, and one twisted triplet for AC power. Cable may be run in 600V cable trays, raceways, conduit or direct burial without electrical interface.

Indoor/Outdoor Stations
For Division 2 / Zone 2 and Non-Hazardous Applications

FEATURES

- **Indoor and outdoor models available**

- **Hazardous area approvals - Listed to UL, cUL**

- **Modular design reduces spare part investment**

- **Noise-cancelling microphone**

- **Non-moveable electronic hookswitch**

- **Durable housing**

- **Hearing aid compatible handset**

- **Minimal maintenance**

- **Powerful 12 watt amplifier ensures effective communication**

GAI-Tronics Model 700/7005 Indoor Wall Stations and Model 730/7305 Outdoor Wall Stations provide quality all-page and common-talking communications. Both models are available in single or multi-party line models.

The indoor stations are housed in a 16-gauge, cold-rolled steel enclosures finished with textured polyurethane paint. The indoor enclosures are available in single or multi-party and rated NEMA 1.

The weatherproof stations are housed in either NEMA 3R cast aluminum or a NEMA 4X glass-reinforced polyester enclosure. Gasketed aluminum hub plates with stainless steel screws are provided on the aluminum enclosures for top or bottom conduit entrance. The glass-reinforced polyester enclosure package includes a drill template to simplify installation of conduit entrances.

The integral speaker amplifier can power remote speakers or driver and horn units. The units are gasketed for extra protection against dust and moisture. Adjustable features include a speaker volume control, microphone gain, receiver volume and sidetone. Another option is the front panel auxiliary receptacle for headset access.

For Page/Party® specifications please visit our website at www.gai-tronics.com

Hazardous Area Stations
For Division 1 / Zone 1 Areas

Features

- **Explosionproof housing**

- **Intrinsically-safe handset**

- **Indoor and outdoor models available**

- **Hazardous area approvals - Listed to CSA, IEC, and ATEX standards***

- **Modular design reduces spare part investment**

- **Noise-cancelling microphone**

- **Durable housing**

- **Hearing aid compatible handset**

- **Minimal maintenance**

- **Powerful 12 watt or 30 watt amplifier***

GAI-Tronics hazardous area Page/Party® Stations are designed for Division 1and Zone 1 classified areas where all-paging and common-talking are required. Three types of stations are available: speaker amplifier stations, single-party stations, and multi-party stations.

The integral speaker amplifier can power remote speakers or driver and horn units. The units are gasketed for extra protection against dust and moisture.

Each Indoor and Outdoor Handset Station includes a front panel pushbutton for all-paging; a durable 6-foot PVC coil cord; a noise-cancelling microphone for reduced transmission of background noise; and sidetone circuitry to reduce amplification of the user's voice into the earpiece. An electrical safety barrier is mounted inside the housing to provide intrinsically-safe connections to the handset. Multi-party stations include a durable rotary switch for party line selection.

For Page/Party® specifications please visit our website at www.gai-tronics.com

* Dependent on Model.

Desktop, Flush-Mount and Deskedge Stations

Features

- **Modular design reduces spare part investment**

- **Noise-cancelling microphone**

- **Non-moveable electronic hookswitch**

- **Durable housing**

- **Hearing aid compatible handset**

- **Minimal maintenance**

- **Powerful 12 watt amplifier**

GAI-Tronics 726/7265 Desktop, 710/7105 Desk-Edge and 715/7155 Flush-Mount Page/Party® subsets furnish today's industrial environments with a full performance, all-page and party line communications system. The design of these stations permit installation in locations with limited space.

Available in single or multi-party line models, the amplifier and enclosure are mounted in a remote location from the handset station, linked by an eight-foot cable. This design allows flexible installation.

For customer convenience, the speaker volume control is located under the nameplate on the front panel of the remote amplifier. This placement allows easy access but prevents tampering and promotes dust-resistance.

The amplifier assembly includes a handset amplifier section and a Class B, push-pull, 12-watt speaker amplifier capable of powering remote speakers or horn and driver units.

For Page/Party® specifications please visit our website at www.gai-tronics.com

Portable Stations

FEATURES

- **Ideal for extensive facilities where it is not desirable to invest in handset stations for all possible locations**

- **Easily transported with attached handle**

- **25-foot cable for user mobility**

- **Equipped with a weatherproof speaker**

- **Noise-cancelling microphone**

- **Non-moveable electronic hookswitch**

- **Durable housing**

- **Hearing aid compatible handset**

- **Minimal maintenance**

- **Powerful 12 watt amplifier**

GAI-Tronics Corporation offers the Model 770-202 Portable Station and Model 770-204 Portable Station with front panel headset jack. These fully portable units are ideal for large facilities where it would be costly to place handset stations in all possible locations. The portable stations plug directly into a Model 773 Outdoor Jack Station. These portable stations are easily transported, using attached carrying handle, and the 25-foot cable provides mobility to the user.

The handset station is easily installed into the portable enclosure. Because the Model 770-202 and 770-204 Portable Station uses the same handset/speaker amplifier as standard Page/Party® Wall Stations, the user can significantly reduce investment in spare parts. The station also includes a handset retainer assembly to secure the handset when the station is being transported.

For Page/Party® specifications please visit our website at www.gai-tronics.com

Options and Accessories

Most of the Page Party® products are available with optional features. Please contact customer service to ensure that an option may be applied to a specific unit.

Options Include:
Epoxy Coating; Extended Subset Cable; Hytrel Cords in 6', 15' and 25' Lengths; Spring Kit for Non-metallic Outdoor Enclosures; Tagging; Tropicalization Conformal Coating; Remote Volume Level Control; 15' and 25' PVC Handset Cords.

A centralized **Line Balance (Model 305-001)** is required for proper loading. This device is necessary for proper signal line levels and handset receiver sidetone. The variable page line load compensates for the number of stations.

In addition other ancillary devices are available such as telephone interfaces, tone and speech alarm generators, radio interfaces and acoustic hoods.

Speaker Amplifiers

FEATURES

- **Indoor and outdoor and hazardous area models available**
- **Hazardous area approvals - Listed to UL, cUL, CSA, ATEX and IEC Standards***
- **Modular design reduces spare part investment**
- **Durable housing**
- **Minimal maintenance**
- **Powerful 12 watt amplifier**

GAI-Tronics 750/760 Series Speaker Amplifiers provide paging coverage for many applications.   Rugged enclosures and high-quality amplifier components provide dependable operation in even the harshest locations.

The Model 670 Speaker Amplifier is ideal for powering speakers in hazardous locations where handset stations are not required. This model can also be placed outdoors when installed in a weatherproof enclosure. The indoor models feature a plug-in amplifier and a heavy gauge steel enclosure rated NEMA 1. The weatherproof models feature either a NEMA 3R cast aluminum or NEMA 4X glass reinforced polyester enclosure with a neoprene gasket to seal the unit from dust and rough weather.

The amplifier's input signal maybe carried on standard system cable, or on standard telephone cable as small as 26 gauge. With direct speaker connections, no additional speaker transformers are needed.

* Dependent on Model.

Page/Party® Product Numbers - 24 VDC Power Input

	Order Model No.	Consists of:				Party Line		Enclosure Material	
		Amplifier	Enclosure	Subset	Aux. Receptacle	Single	Multi	Metallic	Non-Metallic
Indoor & Outdoor Stations	700-207	701-307	702-002			•		•	
	7005-207	701-307	703-002				•	•	
	730-207	701-307	733-002			•			•
	7305-207	701-307	7335-002				•		•
Desktop, Desk-Edge and Flush-Mount Stations	726-203	723-003	7245-003	726-101		•		•	
	7265-203	723-003	7245-003	7265-101			•	•	
	710-103	723-003	7245-003	711-102		•		•	
	7105-103	723-003	7245-003	7115-102			•	•	
	715-103	723-003	7245-003	716-102		•		•	
	7155-103	723-003	7245-003	7165-102			•	•	
Outdoor and Indoor Explosionproof Stations	780-002					•		•	
	7805-002						•	•	
	785-002	780-002	10444-003			•			•
	7855-002	7805-002	10444-003				•		•
	670-002		10444-003*					•	
	821-511E502					•		•	
	825-511E502						•	•	
	821-511G502					•		•	
	825-511G502						•	•	
Speaker Amplifiers	750-402	751-002	702-002					•	
	760-002	751-002	758-002					•	
	760-004	751-002	733-002						•

• All unhighlighted items shown (except for the 770/773 series models) are NRTL listed for North America.
• Blue highlighted items are ATEX Approved for Europe.   • Yellow highlighted items are IEC Approved.
* Optional for weatherproof installations. Must be purchased separately.

Order Model No.	Consists of:				Party Line		Enclosure Material	
	Amplifier	Enclosure	Subset	Aux. Receptacle	Single	Multi	Metallic	Non-Metallic
Indoor & Outdoor Stations								
700-102	701-302	702A			•		•	
700-103	701-304	702A		•	•		•	
7005-102	701-302	703A				•	•	
7005-104	701-304	703A		•		•	•	
730-103	701-302	732-101			•		•	
730-104	701-302	733-001			•			•
730-105	701-304	732-101		•	•		•	
730-106	701-304	733-001		•	•			•
7305-103	701-302	7325-101				•	•	
7305-104	701-302	7335-001				•		•
7305-106	701-304	7325-101		•		•	•	
7305-107	701-304	7335-001		•		•		•
Desktop, Desk-Edge and Flush-Mount Stations								
726-202	723-001	7245-004	726-101		•		•	
7265-202	723-001	7245-004	7265-101			•	•	
710-104	723-001	7245-004	711-102		•		•	
7105-104	723-001	7245-004	7115-102			•	•	
715-104	723-001	7245-004	716-102		•		•	
7155-104	723-001	7245-004	7165-102			•	•	
Outdoor and Indoor Explosionproof Stations								
780-001					•		•	
7805-001						•	•	
785-001	780-001	10444-003			•			•
7855-001	7805-001	10444-003				•		•
670-001		10444-003*					•	
821-111E502					•		•	
825-111E502						•	•	
821-111G502					•		•	
825-111G502						•	•	
Speaker Amplifiers								
750-401	751-001	702A					•	
760-001	751-001	758-001					•	
760-003	751-001	733-001						•
Portable Station								
770-202	701-302	774-001			•		•	
770-204	701-304	774-001		•	•		•	
773-001							•	

- All unhighlighted items shown (except for the 770/773 series models) are NRTL listed for North America.
- Blue highlighted items are ATEX Approved for Europe.
- Yellow highlighted items are IEC Approved.

* Optional for weatherproof installations. Must be purchased separately.
** These models are only CE marked for Europe