

Features

- **Plug-in replacement for existing GAI-Tronics[®] 700 Series Page/Party[®] and SmartSeries[™] amplifiers**
- **Full Duplex Communication**
- **Efficient 30 Watt Class D Amplifier**
- **SmartSeries[™] Technology**
- **Ambient Level Sensing (ALS)**
- **AC (120V) and DC (24V) Versions**

Options

- **Handset/Amplifier or Amplifier Only Stations**
- **Auxiliary (headset) jack**
- **Remote Monitoring**



ICS Page/Party[®] is GAI-Tronics' latest generation of Page/Party[®] and SmartSeries[™] products. Featuring a powerful 30 watt Class D speaker amplifier yet drawing less current than previous models, ICS Page/Party[®] is a significantly improved distributed amplifier system.

ICS Page/Party[®] is completely compatible with existing GAI-Tronics Page/Party[®] and ADVANCE/SmartSeries[™] systems.

Now, the technology of ICS SmartSeries is available in a familiar package. GAI-Tronics ICS SmartSeries Upgrade Amplifiers combine the benefits of ICS SmartSeries with the convenience of a 700-series plug-in amplifier chassis.

Upgrading to ICS is now easier than ever. ICS SmartSeries Upgrade Amplifiers simply plug in to existing GAI-Tronics 700-series Page/Party[®] and SmartSeries enclosures, providing the following upgraded capabilities:

- **30 watt speaker amplifier**
ICS SmartSeries Upgrade Amplifiers produce more than twice the speaker amplifier output of previous stations.
- **Available 24VDC SmartSeries station**
For the first time, DC-powered systems can have the benefits of GAI-Tronics SmartSeries technology.
- **Lower current requirements**
AC-powered ICS SmartSeries Upgrade Amplifiers require 17% less current than previous models.

ICS Upgrade Amplifier Part Numbers:

AC - Standard		
Existing 700 Series Unit	Description	Replacement ICS Unit
701-302	Handset/Speaker Amplifier	701-302ICS
701-304	Handset/Speaker/Aux Amplifier	701-304ICS
723-001	Remote Handset/Speaker Amplifier	723-001ICS
751-001	Speaker Amplifier	751-001ICS

DC - Standard		
Existing 700 Series Unit	Description	Replacement ICS Unit
701-307	Handset/Speaker Amplifier	701-307ICS
701-309	Handset/Speaker/Aux Amplifier	701-309ICS
723-003	Remote Handset/Speaker Amplifier	723-003ICS
751-002	Speaker Amplifier	751-002ICS

AC - SmartSeries		
Existing 700 Series Unit	Description	Replacement ICS Unit
701-902	Smart Handset/Speaker Amplifier	701-902ICS
701-904	Smart Handset/Speaker/Aux Amplifier	701-904ICS
723-901	Smart Remote Handset/Speaker Amplifier	723-901ICS
751-901	Smart Speaker Amplifier	751-901ICS

DC - SmartSeries		
Existing 700 Series Unit	Description	Replacement ICS Unit
N/A	Smart Handset/Speaker Amplifier	701-907ICS
N/A	Smart Handset/Speaker/Aux Amplifier	701-909ICS
N/A	Smart Remote Handset/Speaker Amplifier	723-903ICS
N/A	Smart Speaker Amplifier	751-902ICS

Specifications

Electrical

AC Stations

Supply Voltage 120VAC
Max Power Consumption 400mA/48.0VA @ 120VAC
Input frequency range 50/60 Hz

DC Stations

Supply Voltage 24VDC
Max Power Consumption 1.95A/46.8W

Handset

Microphone Dynamic, noise-cancelling
Microphone Noise Discrimination 18dB @ 250Hz
Receiver Dynamic, hearing aid compatible
Material ABS

Handset Amplifier

Output Level (compression controlled) 1.5V_{RMS}
nominal into 33Ω load.
Frequency Response 250-6,500 Hz,
+0/-3dB ref. to 1KHz
Distortion <1.5% THD @ 1KHz
(below compression level)
Receiver Level 200mV_{RMS} nominal

Speaker Amplifier

Max Output 30W into 8Ω load with 1.5V_{RMS} input
Frequency Response 250-6,500 Hz, +0/-3dB ref. to 1kHz
Distortion <1% THD @ 1KHz to 24W
<3% THD @ 1KHz to 30W
Input Impedance 16KΩ

Mechanical

Construction 16-gauge cold rolled steel
Finish Textured gray powder coat
Dimensions 8.1 H x 8.1 W x 6.12 D inches
(206 x 206 x 155 mm)
Temperature range -30° C to +70° C
Relative Humidity 95%, non-condensing
Shipping Weight 5.25 lbs (2.4 kg)

Approvals

NRTL Listed for USA and Canada Class I, Division 2,
Groups A B, C, and D;
Class II, Division 2, Groups F and G;
Class III, Division 2 Hazardous Locations
Temperature Code T4

