

Farenhyt



Text-to Speech Module by Alertus

The Alertus® Text-to-Speech (TTS) Module is a smart peripheral alert notification which connects to the Alert Beacon via an RS-232 serial port. When you issue an alert notification, the dispatchers may choose to use voice message notification in addition to selecting the standard activation options such as strobes and sirens. The Alert Beacon then sends the message text to the TTS Module, and automatically broadcasts the spoken message from the connected audio speakers.

Often times, pre-recorded messages fall short of empowering people with specific information. During an emergency, the unrehearsed live voice messaging may sound uncontrolled, and when amplified, the message is unintelligible. New Text-to-Speech technology developed by Alertus overcomes these challenges.

The Alertus Voice Public Address System (PA) and the Fire Alarm Audio Interface use breakthrough Text-to-Speech (TTS) technology that is embedded in a compact PCB Module. This unit fits inside most of the following systems.

- fire alarm audio control panels
- outdoor giant voice speaker systems
- public address systems
- standalone indoor/outdoor speaker enclosures

In each of these applications, the TTS Module receives emergency messages from an Alert Beacon. The Alertus TTS solution leverages the latest in voice synthesis technology to deliver fully customized spoken alert messages in real-time.

Product Applications

Large high capacity and traffic buildings (such as, government buildings, schools and medical centers) are often equipped with voice public address systems. However, these facilities are scattered across a wide geographic area without any unified control capability. The Alertus technology can enable a centralized command and control interface of these individual voice systems, however different. Consequently, all, specific zones or types of facility voice systems can be activated from any location with ease and within seconds.

Most campuses, military bases, and other large facilities have limited public address capabilities that are installed in only a few buildings. Nevertheless, where available, these systems represent a valuable asset in a comprehensive mass notification approach. The Alertus TTS Module makes it easy to link these voice systems with Alertus Beacons mounted in buildings without the public address system infrastructure.



Integrated Text-to-Speech Speaker

Features

- Converts the Alertus Alert Beacon text messages into audio recordings which are broadcast from audio speakers
- Delivers embedded Text-to-Speech appliance on site and eliminates the outside fail points of traditional computer generated, network delivered Text-to-Speech
- Broadcasts audio over existing Fire Alarm/PA systems or standalone speakers
- Dispatches custom alert messages instead of prerecorded messages
- Produces higher intelligibility through Text-to-Speech instead of using unrehearsed live voice messaging
- Includes unified facility activation, yet fully zoned
- Allows remote activation from offsite locations
- Generates streamlined multi-modal mass notification by connecting third-party personal messaging systems and wide area notification with an in-building emergency communications systems

Compatible Control Panels

- IFP-2000/ECS
- IFP-1000/ECS
- IFP-100/ECS
- IFP-50
- IFP-25

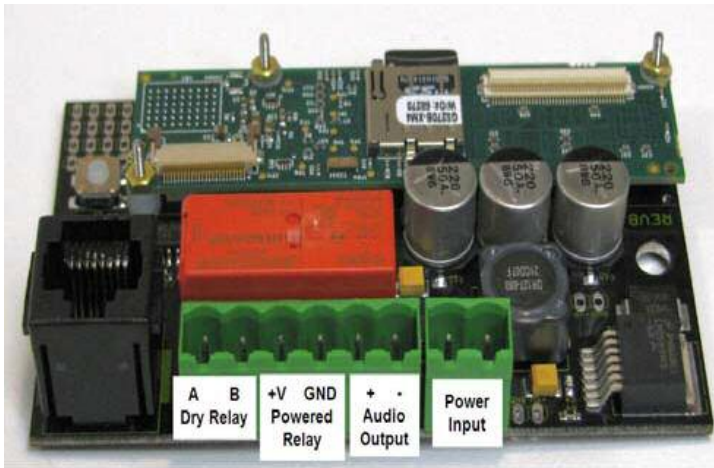
P/N 351203 Rev A

Copyright © 2016 Honeywell International Inc.

Product Applications (Continued)

Holistically, the Alertus TTS Module enables emergency communications to be connected with multi-modal mass notification components such as personal messaging and wide area notification.

The Alertus TTS technology can help you integrate outdoor large voice speaker arrays into a unified multi-modal Mass Notification System, thereby streamlining the process for activating public alerts.



Text-toSpeech Module

Specifications

Alertus Standalone TTS Speaker

Self-amplified and Wall-mounted

| | |
|---------------|---|
| Dimensions: | 7" H x 10.3" W x 3.8 D (7.8 H x 26.16 x 9.65 cm) |
| Weight: | 2.9 lbs |
| Colors: | White, gray, brown or black |
| Power: | 24V AC or DC |
| Data Input: | Alert Beacon RS-232 serial port connection |
| Audio Output: | SPL >=93 db @ 4' |

Alertus TTS Interface Module

| | |
|-----------------------|--|
| Dimensions of Module: | 2" H x 3.75" W x 1" D (5.08 H x 9.5 W x 2.5 cm) |
| Power: | 12-24V AC or DC |
| Data Input: | Alert Beacon RS-232 serial port connection |
| Audio Output: | Line level (max 1.0VRMS) |
| Control Output: | Dry relay contacts |

Ordering Information

| Part Number | Description |
|-------------|---|
| TTS-IAS | Alertus Text -To-Speech: Indoor Amplified Speaker |
| TTS-IPA | Alertus Text-to-Speech: Interface Module |
| TTS-OAS | Alertus Text-to-Speech: Outdoor Amplified Speaker |