

FlexSpeak™ ADA

Complete Bus Stop Announcement System



Overview

- Automated audio/visual annunciator system provides an improved transit experience for ALL passengers
- Automatically broadcasts bus route and safety information with VERBAL and VISIBLE communications
- Complete system is fully compliant with the Americans with Disabilities Act (ADA) stop announcement regulations

Features

- Integrated GPS unit delivers accurate location details to automatically trigger system messages
- Connects to the vehicle's public address (PA) speaker system for passenger audio announcements
- System interfaces with Transign® in-vehicle destination sign (included) and activates display to show corresponding messages
- Fixed route stop locations and messages are easily configured using the FlexSpeak programming utility software
- Audio files are created with a natural voice text-to-speech converter; dual language capability

Destination sign provided by

TRANSIGN®
YOUR DESTINATION BEGINS HERE

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Watch FlexSpeak™
ADA in action

- Recommend adding a Public Announcement (PA) system to allow for better audio coverage throughout vehicle
- FlexTech™ integration provides even more messaging functionality

FlexSpeak ADA Complete System package includes:

- Speaker Module kit
- Transign® destination sign
- Micro SD card and card reader
- Access to programming utility and bus stop selector web app
- Recommendations and instructions for creating audio files
- Tutorial videos
- Tech support

Example Messages

Passenger Announcements:

- “Welcome to [company name]”
- “Caution: Vehicle is stopping”
- “Caution: Doors are opening”
- “Caution: Vehicle is preparing to move”
- “Watch your step”
- “Please sit down”

Route Stop Messages:

- “Stop requested”
- “Next stop: Main Street”
- “Now stopping at Main Street”
- “Prochain arrêt: Main Street” (French)
- “Siguiente parada: Main Street” (Spanish)



The image shows two screenshots. On the left is the 'Talking Bus Configuration Manager' software interface, which includes a 'File' menu, a 'Default PA Volume' dropdown set to 50%, and several configuration panels for 'Stop 1 Arrival Message', 'Stop 2 Next Message', 'Stop 3 Next Message', 'Stop 4 Next Message', 'Stop 3 Arrival Message', and 'Stop 4 Arrival Message'. Each panel has fields for Priority, Frequency, Audio Output, and Track ID, along with 'Load File' and 'Play' buttons. On the right is the 'Bus Stop selector web app' interface, featuring a map, a search bar, and a table of bus stops. The table has columns for Stop Number, Name, Bus Movement Direction, Geofence Radius (ft), Latitude, and Longitude, with 'Delete' buttons for each row.

Stop Number	Name	Bus Movement Direction	Geofence Radius (ft)	Latitude	Longitude
Stop01	InterActive Vehicle Controls	N	200	38.950384	-121.084373
Stop02	Earhart Avenue	E	200	38.950846	-121.082949
Stop03	Loddsby Lane	S	200	38.951179	-121.081263