FlashAudio-16s STEREO REPEATER MODULE

SIGNAL INNOVA

Bring your Exhibits Alive™

with the sound of thunder as it travels

through the village, announcing the approaching storm...

as the hungry vulture flutters and takes wing.

Welcome! ¡Bienvenidos! Embrace diversity with bilingual narrations synchronized to play simultaneously on separate speakers or handsets. Introduce youngsters to the wonders of musical instruments as the sweet Stradivarius competes with the plucky banjo.

It's easy to create the effect of sounds moving through space with Signal-Innova's FlashAudio-16s, a high quality stereo Digital Audio Repeater. Two different sound segments can also be triggered simultaneously for bilingual applications. FlashAudio-16s can be configured with up to 8 pushbuttons, motion detectors, switches and controllers as triggers.

Using convenient CompactFlash™ (CF) memory cards for storing audio segments, Signal-Innova's FlashAudio-16s makes it easy to update, interchange and replace sounds.

The Egyptian Vulture, whose image graced the crowns of pharoahs, joined the IUCN endangered "red list" in 2007.

FEATURES

AUDIO QUALITY & FLEXIBILITY

When stereophonic effects – such as sound moving across space – or audio fidelity of musical recordings are desired, FlashAudio-16s is the economical solution. FlashAudio-16s also supports synchronized, simultaneous playback of dual languages over two channels/speakers with a single trigger.

STANDARD .WAV & MP3 FORMATS

FlashAudio-16s plays standard .WAV and MP3 format audio files. Pre-recorded sound segments and/or sound effects can be of different lengths. The only limitation is the total capacity (max 2 GB) of the CF memory card used.

EASE OF UPDATING AUDIO CONTENT

Use of CF memory cards for audio storage and playback makes it easy to update your sounds. Simply use a CF card reader/writer and a PC to load new .WAV and MP3 files.

FLEXIBLE TRIGGERING OPTIONS

FlashAudio-16s can be triggered by up to 8 separate devices such as pushbuttons, motion detectors or handset switches; or by a separate controller for more complex applications.

- Direct Mode — Up to 8 separate triggers (usually pushbuttons) for up to 8 sound segments, each with two channels.

- Sequential Mode — Up to 8 separate triggers (99 tracks each) to play up to 512 audio segments in sequence, each with two channels.

- Binary Mode — An optional controller such as Signal-Innova's Sights & Sounds™ can trigger up to 128 segments, each with two channels.

READY-TO-GO PLAYBACK

Signal-Innova's FlashAudio-16s basic package includes a CF card, loading of your audio file(s) and playback testing before your order is shipped. If you prefer to load your own files, the CF card will be loaded with demo files.

AMPLIFIER FLEXIBILITY

FlashAudio-16s is equipped with an onboard amplifier to directly drive two speakers of up to 10 watts per channel (with 4 Ohm load). Single ended (unbalanced) line-level output for external amplification is provided through the 1/8" stereo phone jack.

Adjustment knobs on the module provide for volume control and balance of speaker output. (Line output is not affected.)

EXPANDABLE

When used in combination with Signal-Innova's custom programmed Sights & Sounds™ controller (optional), FlashAudio-16s can be synchronized with LED output, backlights, spotlights and other special effects.

SUGGESTED APPLICATIONS

- Displays & dioramas which incorporate sound traveling around physical space
- Monoaural playback over large areas, requiring two speakers for ample coverage
- Bilingual exhibits requiring simultaneous, synchronized translations
- Exhibits incorporating sound effects or emphasizing musical quality
- Stereo rendition of nature & animal sounds for a richer, bolder effect

FLASHAUDIO-16s STANDARD PACKAGE

1 Stereo Audio Repeater unit (6.0" x 4.8" x 1.7")
1 CompactFlash™ Card, 1GB, with Mode Config files and client or demo sounds
1 Basic/Initial CF Card loading service
1 Power Supply (12v DC)

OPTIONAL:
- Selection of pushbuttons (arcade, colors, illuminated, square, round)
- Selection of speakers; audio handsets with switch activation; kiosk amplifier
- CF Card upgrades & CF card reader/writers
- Sights & Sounds™ controller for special effects
- Relay interfaces for triggering external devices
- Recording studio and sound editing services; audio file mixing services
- Sound file/sound effects sourcing service
- Custom system setup and assembly