

*Bring your Exhibits Alive™
with a chorus of endangered sounds...
a giant panda bleating at her squealing cubs...
a lonely red wolf howling for his mate...
a northern leopard frog grunting across the marsh.
Let visitors choose to hear a story of the West as told by
a pioneer woman, a wagon train leader, a Native American,
a railroad worker, a 49er, a padre or Mark Twain.*

It's easy to add a selection of sounds to your exhibits with FlashAudio-16m, a high quality monaural Digital Audio Repeater. When configured with up to 8 pushbuttons, motion detectors or switches as triggers, FlashAudio-16m will play audio on command!

Using convenient CompactFlash™ (CF) memory cards for storing sound segments, Signal-Innova's FlashAudio-16m makes it easy to update, interchange and replace audio without expensive hardware changes.

*The Giant Panda – the only bear species listed as endangered by the World Conservation Union – is at high risk of extinction in the wild.
Cub photo by Sheila Lau, Sichuan, China.*



FEATURES

STANDARD .WAV FORMAT & AUDIO FLEXIBILITY

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

MULTIPLE TRIGGERING OPTIONS

FlashAudio-16m 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.
- Sequential Mode — Up to 8 separate triggers (99 segments each) to play up to 512 segments in sequence.
- Binary Mode — An optional controller such as Sights & Sounds™ can trigger up to 128 segments.

AMPLIFIER FLEXIBILITY

FlashAudio-16m is equipped with an onboard amplifier to directly drive a speaker up to 40 watts (with 8 Ohm load). An adjustment knob on the module provides for volume control. Single ended (unbalanced) line-level output for external amplification is provided through the 1/8" mono phone jack.

READY-TO-GO PLAYBACK

Signal-Innova's FlashAudio-16m 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.

EXPANDABLE

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

A stereo unit is also available as FlashAudio-16s.



FLASHAUDIO-16M STANDARD PACKAGE

- 1 Monaural Audio Repeater unit (6.0" x 4.8" x 1.7")
- 1 CF 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 sensors (motion, presence, etc.)
- Selection of speakers; audio handsets with switch activation; kiosk amplifiers
- 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

SUGGESTED APPLICATIONS

- Interactive exhibits
- Museum exhibits
- Zoo & aquarium exhibits
- Trade show & convention exhibits
- Corporate lobby exhibits
- Fund-raising displays
- Diorama narration & environment
- Dramatize historical displays
- Nature & animal sounds to enliven, educate and entertain
- Sound effects for excitement
- Background music for mood
- Environment sounds to soothe
- Share oral histories and music
- Question & Answer game
- Your unique application