

*Bring your Exhibits Alive™
with the growl of a rare Amur leopard
fighting for territory with a roaring Siberian Tiger...
... while their prey – the Asian Black Bear – screams,
warning off a squealing wild boar sow and her piglets.
Four wild animals speak on command at the
mountainous habitat diorama.*

It's easy and inexpensive to add sounds to your exhibits with FlashAudio-4i, our mid-range stereo Digital Audio Repeater. Up to four pushbuttons or sensors can trigger up to 99 CD-quality sound segments!

Using convenient Secure Digital (SD) memory cards for storing sound segments, Signal-Innova's FlashAudio-4i makes it easy to update, interchange and replace audio without expensive hardware changes.



The Amur Leopard is critically endangered, with less than 25 living wild in southeastern Russia and 176 captive in zoos worldwide. Their survival is threatened by poaching, habitat destruction and inbreeding.
Photo by Keven Law at Colchester Zoo

FEATURES

COMPACT SIZE - FITS IN SMALL SPACES

The small size (5.125" x 4.5" x 1.5") of FlashAudio-4i enables installation in tight spaces such as kiosks or in small exhibit housings. The unit weighs slightly over 1 pound.

UP TO FOUR TRIGGERS, MANY SOUNDS

Surprise your visitors with audio triggered by their presence, or let them interact and press pushbuttons to select sounds of their choosing. FlashAudio-4i allows for activation by up to four triggers.

Four sound segments or a combined total of up to 99 files can be triggered, with playback configured to run in sequence, in a pseudo random pattern or at timed intervals. Playback can be interruptible or non-interruptible.

STANDARD MP3 FORMAT

FlashAudio-4i plays standard MP3 audio files, and sound segments can be of different lengths. At 128 Kbps, the maximum recording time is more than 30 hours on a 2GB SD card. More than 500 hours of sound can be played using a 32GB SDHC card!

EASE OF UPDATING AUDIO CONTENT

The use of non-volatile SD memory cards makes it easy to update or change audio segments without expensive hardware replacement. An inexpensive SD card reader/writer and a desktop or laptop computer are the only equipment needed to load new sound files.

SOUND OUTPUT

FlashAudio-4i is equipped with an onboard amplifier to directly drive two speakers with up to 15W per channel. A 3.5mm stereo line out jack provides output to feed a headphone or external power amplifier.

The volume knob on the module affects both speaker and line out.

READY-TO-GO PLAYBACK

Signal-Innova's FlashAudio-4i basic package includes loading of your audio files and playback testing before your order is shipped. If you prefer to load your own files, the SD card will be loaded with demo files and an interactivity playlist.

PUSHBUTTON OR SENSOR INTERACTIVITY (OPTION)

When customized with the Pushbutton or Sensor Interactivity option, FlashAudio-4i is shipped with your choice of pushbuttons and/or sensors pre-wired to the player and an SD card with the interactivity setup. Your unit will be ready to install!



FLASHAUDIO-4i BASIC PACKAGE

- 1 Stereo Audio Repeater (5.125" x 4.5" x 1.5") (6" wide with mounting tabs)
- 1 SD Card, 2GB, with audio file setup
- 1 Basic/Initial SD Card loading service
- 1 Power Supply (12v DC)
- 1 Year Warranty

OPTIONS:

- Selection of pushbuttons (arcade, colors, illuminated, square, round)
- Selection of sensors (motion, presence, etc.)
- Selection of speakers; audio handsets and headsets; kiosk amplifiers
- SD Card upgrades & SD card reader/writers
- Various interfaces for triggering external devices (lamps, motors, etc.)
- Vintage phones, weatherproof enclosures and other custom housings
- Audio editing services: conversion, mixing, encoding
- Recording studio and professional voice talent; production supervision
- Sound file/sound effects sourcing service
- Custom system setup and assembly

SUGGESTED APPLICATIONS

- Exhibits encouraging visitor choice of audio
- Talking exhibits with human or animal voices triggered by motion detectors or presence sensors
- Four season ambient audio for exhibits
- Unattended audio-enhanced exhibits
- Donation box audio responses
- Oral history exhibits in which up to four commentaries have been recorded
- Exhibits with limited space for audio hardware
- Challenging environments (outdoors, historic homes, period exhibits) in which the audio equipment must be protected or hidden inside an enclosure or special housing