

## FEATURES

### NO ELECTRICITY REQUIRED

Visitors turn the black dial to make an audio selection, then give the crank knob a few easy turns. *Voilà!* Sounds!

Turning the crank knob on FlashAudio U-Turn generates power via a wind-up dynamo. This feature enables installation in locations where it is not possible or desirable to hook up to conventional power sources.

### AUDIO SELECTIONS

FlashAudio U-Turn offers visitors a selection of eight pre-recorded MP3 audio files — messages, translations, animal calls, music, sound effects.

We recommend limiting audio files to less than one minute and not more than two. At full charge, U-Turn will play a message of approximately two minutes.

### AUDIO FILE FORMAT AND LENGTH

FlashAudio U-Turn is equipped with 8MB onboard flash memory for message storage.

The maximum time for all audios to be played is dependent on the audio sampling rate, encoding bit rate and audio content. Audios can be of varying lengths.

Signal-Innova's FlashAudio U-Turn package includes initial setup and loading of your audio files for the optimum sampling and encoding rates based on your audio content.

### SPEAKER OUTPUT

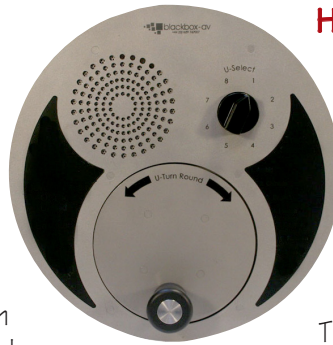
The speaker's output frequency range is 75Hz - 20kHz, spanning most of the range of human hearing except the deepest bass. Audio output is 1W at 8 Ohms.

### NEW! USB PROGRAMMER NOW INCLUDED!

A portable USB Programming Dongle and USB flash stick are included with each U-Turn for loading and changing audio files on site.

Volume control and other programming functions are enabled using the device.

Usage statistics by individual audio tracks and for all tracks combined can be accessed and reset using the USB Programming Dongle.



### HIGH DURABILITY FOR OUTDOOR USE

In its third generation, U-Turn has been steadily improved so that it is virtually maintenance free.

The tough, durable stainless steel casing includes a 3mm front plate and 2mm rolled 316 stainless steel tube to withstand vandal attacks.

The enclosure's IP65 rating indicates the highest level of protection against dust and rainstorms — water falling and spraying from all directions. (It is not rated for immersion in water.)

### ENVIRONMENTALLY FRIENDLY

FlashAudio U-Turn is powered purely by renewable energy — human effort! Ninety percent of the unit's components are recyclable.

## OPTIONS

### INSTALLATION

As a free-standing unit, U-Turn can be mounted on a pole (floor or concrete mount). A connecting collar is available for purchase by users who wish to supply their own poles.

The U-Turn can also be mounted on a wall.

For panel mounting, separate products are offered. See the page on "Panel Mounting Options".



### CUSTOM GRAPHICS

The black "bat wings" of U-Turn can be customized at the factory with your playlist and/or messages.

Signal-Innova provides design services and can assist you with the design and artwork for the bat wings and any supportive exhibits.

These options are available at additional cost.

## U-TURN SPECIFICATIONS

Dimensions - face: 10.5" diameter

Dimensions - depth: 4.5" at top - 6.5" at base.

Crank depth: 1.5"

Weight: ~ 17.75 pounds (U-Turn only)

Warranty: 1 year limited